

# RADIAN CORPORATION

AN AIR POLLUTION COMPLIANCE  
ANALYSIS REPORT ON NINE  
INDUSTRIES  
VOLUME VIII  
GRAY IRON INDUSTRY

FINAL REPORT

# RADIAN

**CORPORATION**

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INDUSTRIES  
VOLUME VIII  
GRAY IRON INDUSTRY

FINAL REPORT

Presented to:

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## FOREWORD

This study of gray iron foundries is one of nine concurrently accomplished tasks to locate individual plants and production rates, analyze processes and air emissions, and present compliance status data for nine large industries. The remaining eight, presented in individual volumes, are primary aluminum, ferroalloy, portland cement, sulfuric acid, nitric acid, phosphate fertilizer, coal cleaning, and asphalt concrete. In this study, Radian considered only the process emission points for which EPA has published emission factors. One study estimated totals for the emission points of these nine industries to be 1,975,000 tons of particulates and 600,000 tons of sulfur dioxide in 1967 (LE-125). Another study estimated 1968 particulate emissions from these nine to be 1,850,000 tons (VA-091).

Program Manager for the entire nine industry task was Mr. C. P. Bartosh. Mr. B. P. Cerepaka was Task Director. Mr. T. E. Shirley was responsible for this report on the gray iron industry.

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## ABSTRACT

The following study involved the gray iron industry in the United States. The goals of the study were to locate all production facilities, obtain all available process and emissions data, compute allowable particulate emissions from the SIPs, determine the compliance status from the Compliance Data System (CDS) and, if needed, regional office files.

One thousand six hundred and seventy United States foundries produced 11,570,000 tons of gray iron in 1968. Particulate emissions were estimated to be 139,000 tons/yr. for all foundries of which gray iron was 71% of total production (VA-091). The iron foundry industry in 1969 was reported to have produced 182,000 tons of particulate and 1,426,000 tons of carbon monoxide emissions (KE-119). Penton Publishing Company estimated that about one thousand five hundred and twenty foundries are presently operating. Only eight hundred and forty-one were located in this study. Radian was unable to estimate industry wide emissions. It was estimated that less than 25% of the industry has particulate controls and only a few have carbon monoxide controls. All involved states have particulate regulations with at least 90% efficiency on particulate removal required for large operations. About 1/3 of the states have carbon monoxide control regulations with 90% or more removal required.

For the eight hundred and forty-one gray iron foundries located, two hundred and fourteen (26%) were reported to be in compliance, twenty-five (2%) out of compliance, and six hundred and two (72%) unknown. These categories are subdivided, as follows: one hundred and sixty-seven plants (20%) were in compliance with emission limitations as determined by source test, inspection, or state certification, forty-seven plants (6%)

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were in compliance with the increments of progress of a schedule, twelve plants (1%) were out of compliance with emission limitations, thirteen plants (1%) were out of compliance with the increments of progress of a compliance schedule, four hundred and fifty-seven plants (55%) had unknown status with respect to emission limitations, and one hundred and forty-five plants (17%) had unknown compliance with increments of progress of a schedule. Table 6.2-2a showing the compliance status breakdown by region follows this page for reference.

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TABLE 6.2-2a  
GRAY IRON INDUSTRY  
CATEGORICAL SUMMARY OF COMPLIANCE STATUS BY REGION  
MAY, 1975

REGION	IN		OUT		UNKNOWN		<u>TOTAL</u>
	IN COMPLIANCE EMISSION LIMITATION	IN COMPLIANCE WITH SCHEDULE	OUT OF COMPLIANCE EMISSION LIMITATION	OUT OF COMPLIANCE WITH SCHEDULE	UNKNOWN COMPLIANCE EMISSION LIMITATIONS	UNKNOWN COMPLIANCE WITH SCHEDULE	
I	3	0	0	0	26	8	37
II	1	0	6	0	15	0	22
III	58	3	1	3	31	42	138
IV	3	0	0	0	51	62	116
V	61	35	0	2	206	8	312
VI	6	2	3	0	47	4	62
VII	20	6	0	4	27	19	76
VIII	2	0	2	1	4	0	9
IX	3	0	0	0	48	1	52
X	10	1	0	3	2	1	17
	<u>167</u>	<u>47</u>	<u>12</u>	<u>13</u>	<u>457</u>	<u>145</u>	<u>841</u>
TOTAL	(20%)	(6%)	(1%)	(1%)	(55%)	(17%)	
TOTAL	214		25		602		
TOTAL	(26%)		(2%)		(72%)		841

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1.0        INTRODUCTION

The major goals of this study of gray iron foundries were to (1) locate all production facilities; (2) gather data on processes, production, and emissions; (3) calculate allowable emissions based on state implementation plans (SIPs); and (4) determine each source's compliance status as given in the Compliance Data System (CDS) or through contact with the regional offices. Obtaining plant sizes and locations were the primary goals.

The format of this report is as follows:

- The remainder of this section presents a definition and characterization of the industry and future trends expected.
- Section 2 describes the process of gray iron production.
- Section 3 describes air pollutant emissions and control devices.
- Section 4 is a summary of the SIP regulations applicable to gray iron foundries.
- Section 6 presents the data gathered for individual plants and data summaries.

1.1        Industry Definition and Characterization

This study is directed toward domestic iron foundries producing gray iron, a heavy brittle metal also known as cast iron, but named by the industry after its gray white color.

Because of similar production processes and air pollution characteristics, foundries which produce a closely related product, ductile iron, are also included in this study. Foundries which produce malleable iron and do not produce gray or ductile iron are excluded from this study. Gray iron castings are used for a variety of manufactured products such as automobiles, trucks, pipes, machinery, etc. (NA-030). Gray iron products are generally intermediate; about one-half of annual production is reported to be captive (LE-125). Establishments which primarily produce gray or ductile iron are classified in the 1972 Standard Industrial Classification Manual by SIC code 3321. Establishments which produce gray iron castings as an intermediate for incorporation, in the same establishment, into some end product are classified by the SIC code corresponding to the end product.

Metal melting operations at gray iron foundries have the largest potential air emissions. Particulate emissions from cupola, reverberatory, and electric induction furnaces are considered in this study. Also studied are carbon monoxide emissions from cupolas.

#### 1.2 Production and Capacity

Gray and ductile iron accounted for about 64% of all metals produced and 92% of the cast iron from foundries during the period 1965-1969. During this period average gray and ductile iron production at foundries was 12,742,000 tons per year. An additional 2,512,000 tons of gray iron in the form of ingot molds produced from direct metal at steel mills brought total gray and ductile iron production in during this period to 15,254,000 tons (KE-118). By 1972 the production of gray and ductile iron was estimated by the Bureau of Census to total about 18,000,000 tons consisting of 16,000,000 tons of gray iron and 2,000,000 tons of ductile iron. About 17% of the gray iron produced was in the form of ingot molds. See Table 1.2-1.

TABLE 1.2-1  
ANNUAL FOUNDRY PRODUCTION  
1965-1969

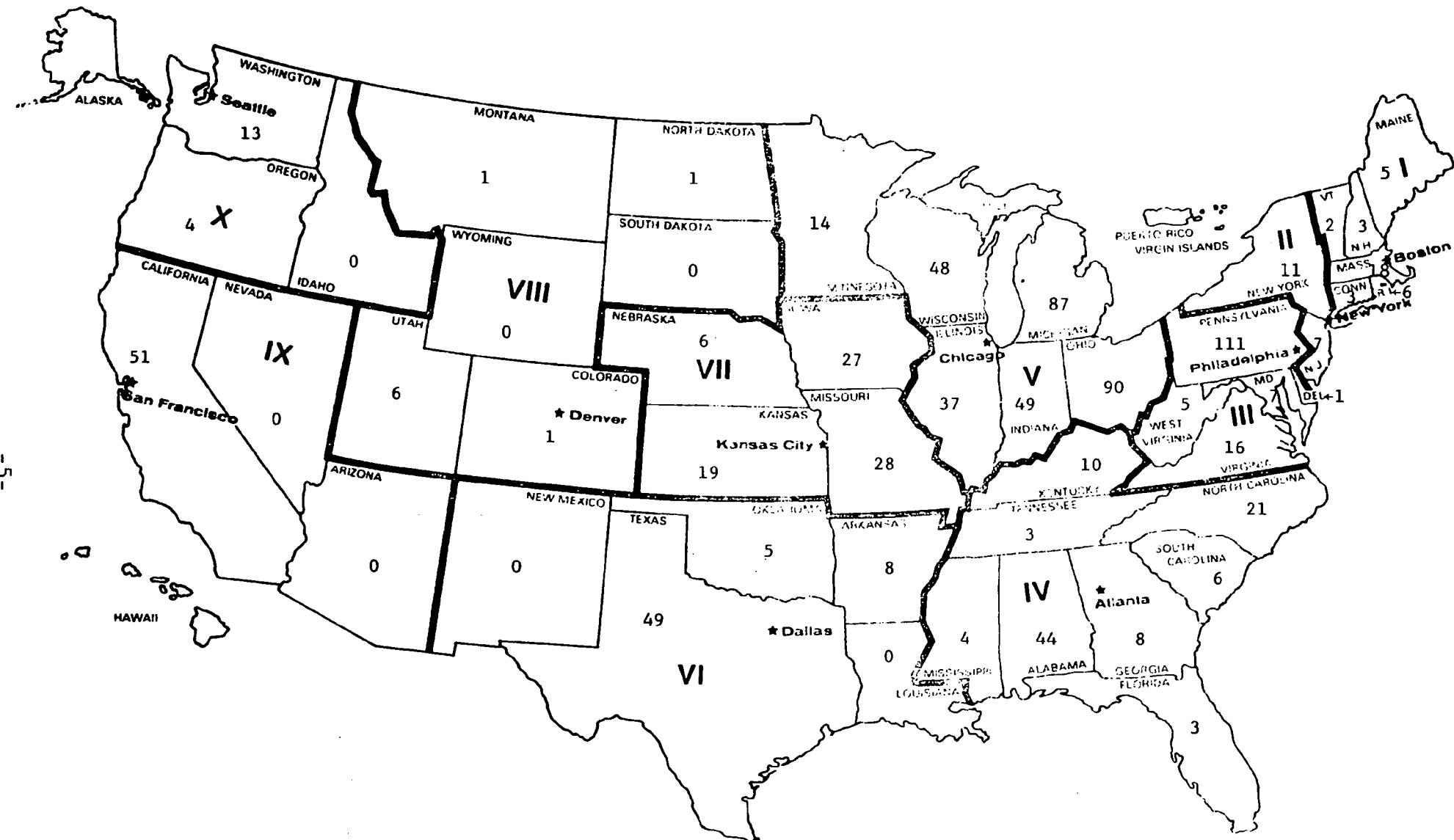
<u>Type of Metal</u>	Production (Tons per Year)		
	<u>Minimum</u>	<u>Maximum</u>	<u>Last 5-Year Average</u>
Gray Iron	9,340,000	11,936,000	11,650,000
Ductile Iron	- -	1,570,000	1,092,000
Malleable Iron	661,000	1,227,000	1,075,000
Foundry Total	10,000,000	14,486,000	13,817,000
All Cast Iron	11,032,000	17,804,000	16,329,000
All Metals	13,200,000	20,800,000	20,000,000

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Source: (KE-118)

The iron foundry industry in the United States is in the peculiar position of having its output increase in recent years both on a tonnage and a dollar basis, while at the same time there has been a decrease in the number of active installations. The total number of foundries of all types has remained relatively constant during the postwar period, ranging from 5,000 to 5,800 and averaging approximately 5,400. However, the iron foundry population has shown a steady decline, from 3,200 in 1947 to 1,670 in 1969. If this decline is continued, the number of foundries is projected to be approximately 1,000 by 1980. However, the average size of iron foundries has been increasing steadily, with average annual production per foundry growing from 3,800 tons in 1947 to 5,300 tons in 1959 and to 8,700 tons in 1969. By 1980, the average production per iron foundry is projected to be approximately 16,500 tons per year. An analysis of the population of iron foundries with respect to size of foundry has shown that almost the entire decline in foundry population has been among the small foundries, with employment of under 100 per foundry (KE-119). These foundries are located in 48 states, although 80% are located in only 13 states. In fact, 1,116 or 64% are located in 25 major metropolitan areas of United States cities (KE-118). Another study showed a reduction in total number of United States facilities from 3200 in 1947 to 1670 in 1968 or an average of approximately 70 foundries per year. A 42 foundry per year reduction was reported for the period 1967 to 1970 (LE-125).

This study located eight hundred and forty-one U.S. foundries. Penton Publishing Company estimates that about fifteen hundred are presently operating. The distribution of gray iron foundries located in this study is shown in Figure 1.2-1. Pennsylvania, Ohio, Michigan, Illinois, Wisconsin, New York and Indiana contain almost half of all the iron foundries in the United States and more than half of the iron casting's capacity. The variations which have occurred in the distribution of iron foundries by states during the period of 1963 - 1969 are given in Table 1.2-2 (KE-118).



### FIGURE 1.2-1 GRAY IRON FOUNDRIES

TABLE 1.2-2

## GEOGRAPHICAL DISTRIBUTION OF IRON FOUNDRIES

	Gray Iron				Ductile Iron				Malleable			
	1969	1967	1965	1963	1969	1967	1965	1963	1969	1967	1965	1963
Alabama	56	56	59	65	17	16	17	12	2	3	2	2
Alaska	1	-	-	-	-	-	-	-	-	-	-	-
Arizona	4	3	3	4	1	-	-	-	-	-	-	-
Arkansas	10	11	10	10	1	1	1	1	-	-	-	-
California	88	86	95	102	29	23	24	23	1	1	1	4
Colorado	15	17	18	20	4	3	4	3	-	-	-	-
Connecticut	24	23	24	29	7	6	6	5	4	5	5	5
Delaware	1	2	2	2	-	-	-	-	-	-	-	-
District of Columbia	-	-	1	1	-	-	1	1	-	-	-	-
Florida	17	19	19	20	3	3	2	2	-	-	-	-
Georgia	32	29	32	35	8	6	6	7	-	-	-	-
Hawaii	3	4	3	3	-	-	-	-	-	-	-	-
Idaho	4	4	4	4	1	1	1	1	-	-	-	-
Illinois	97	104	107	113	32	31	29	28	9	10	11	11
Indiana	75	81	75	84	16	12	12	11	4	4	4	4
Iowa	36	37	38	43	8	6	5	5	1	2	1	2
Kansas	24	22	22	23	9	6	7	7	-	-	-	-
Kentucky	11	15	16	16	2	1	-	-	-	-	-	-
Louisiana	10	10	16	13	2	2	2	1	-	-	-	-
Maine	8	8	8	9	1	-	-	-	-	-	-	-
Maryland	13	12	13	14	5	3	2	2	1	1	1	1
Massachusetts	53	56	57	67	13	9	9	7	3	3	5	3
Michigan	114	122	127	133	36	32	28	28	7	8	6	6
Minnesota	36	35	35	38	8	5	4	3	2	1	1	1
Mississippi	7	7	8	8	-	-	-	-	-	-	-	-
Missouri	28	30	29	33	6	5	3	4	-	-	-	2
Montana	2	2	2	4	-	-	-	-	-	-	-	-
Nebraska	7	8	8	8	1	-	-	-	-	-	-	-
Nevada	1	1	1	1	-	-	-	-	-	-	-	-
New Hampshire	8	5	4	8	2	1	-	-	1	1	1	1
New Jersey	45	44	48	56	12	10	10	9	2	1	1	2
New Mexico	-	1	2	1	-	-	-	-	-	-	-	-
New York	82	88	97	103	17	16	19	17	9	7	10	7
North Carolina	30	33	36	41	7	5	4	6	-	-	-	-
North Dakota	3	2	2	2	-	-	-	-	-	-	-	-
Ohio	151	162	159	163	61	52	46	46	16	18	16	18
Oklahoma	17	14	14	17	12	6	6	5	-	-	-	-
Oregon	13	16	17	16	5	7	7	6	-	-	-	-
Pennsylvania	155	183	189	198	48	43	41	34	16	14	13	14
Rhode Island	8	9	9	10	2	1	1	2	1	1	1	1
South Carolina	15	16	15	17	4	5	5	2	-	-	-	-
South Dakota	1	2	2	3	-	-	-	-	-	-	-	-
Tennessee	41	45	48	52	7	8	7	5	1	-	-	-
Texas	56	63	61	68	18	17	11	8	1	1	1	2
Utah	11	9	10	10	5	4	5	5	-	-	-	-
Vermont	8	8	10	10	1	-	-	-	-	-	-	1
Virginia	33	34	37	37	7	5	5	3	-	-	-	-
Washington	21	21	23	23	8	7	6	3	1	1	1	1
West Virginia	12	12	12	13	5	4	2	2	1	1	1	1
Wisconsin	84	82	85	87	28	25	23	22	10	15	11	11
Wyoming	-	-	-	-	-	-	-	-	-	-	-	-
Total United States	1,571	1,653	1,712	1,837	459	387	361	328	93	93	95	104

Source: Foundry Magazine Census of Foundries.

(KE-118)

2.0        GRAY IRON PRODUCTION PROCESSES

The process of making gray iron castings involves charge preparation, mold preparation, melting, pouring, cleaning, and sand reclamation. The process-flow relationships are shown in Figure 2.0-1.

The metal for gray iron castings is made by melting pig iron, scrap metal, unused casting parts, rejected castings, and small amounts of alloying metal as needed. The molten metal is poured into sand molds that are prepared to produce the desired casting shape. Mold-making usually requires wood patterns, synthetic cores, and sand. Sand is packed around the wood patterns or synthetic cores to hold the metal in the design of the wood pattern when it is removed or in the design of the synthetic core, which dissolves under the heat of molten metal. When the metal has solidified, the sand and extraneous metal are removed. The sand is dried and reclaimed for further use. The extraneous metal is returned for resmelting. Castings are, depending on their final use, either cleaned of rough edges and shipped, or transferred for further refinements such as machining. (NA-030).

Metal melting is done in cupolas, electric arc furnaces, electric induction furnaces, and reverberatory furnaces, with the cupolas being the most common and less than 2% of production being from reverberatory furnaces.

The cupola is heated by lighting a bed of coke or wood. During melting operations, air is forced into the cupola near the bottom while a mixture of metal, coke, and limestone is charged from an upper level. The contact between the ascending hot gases and the descending charge provides a quick and efficient melting process (NA-030).

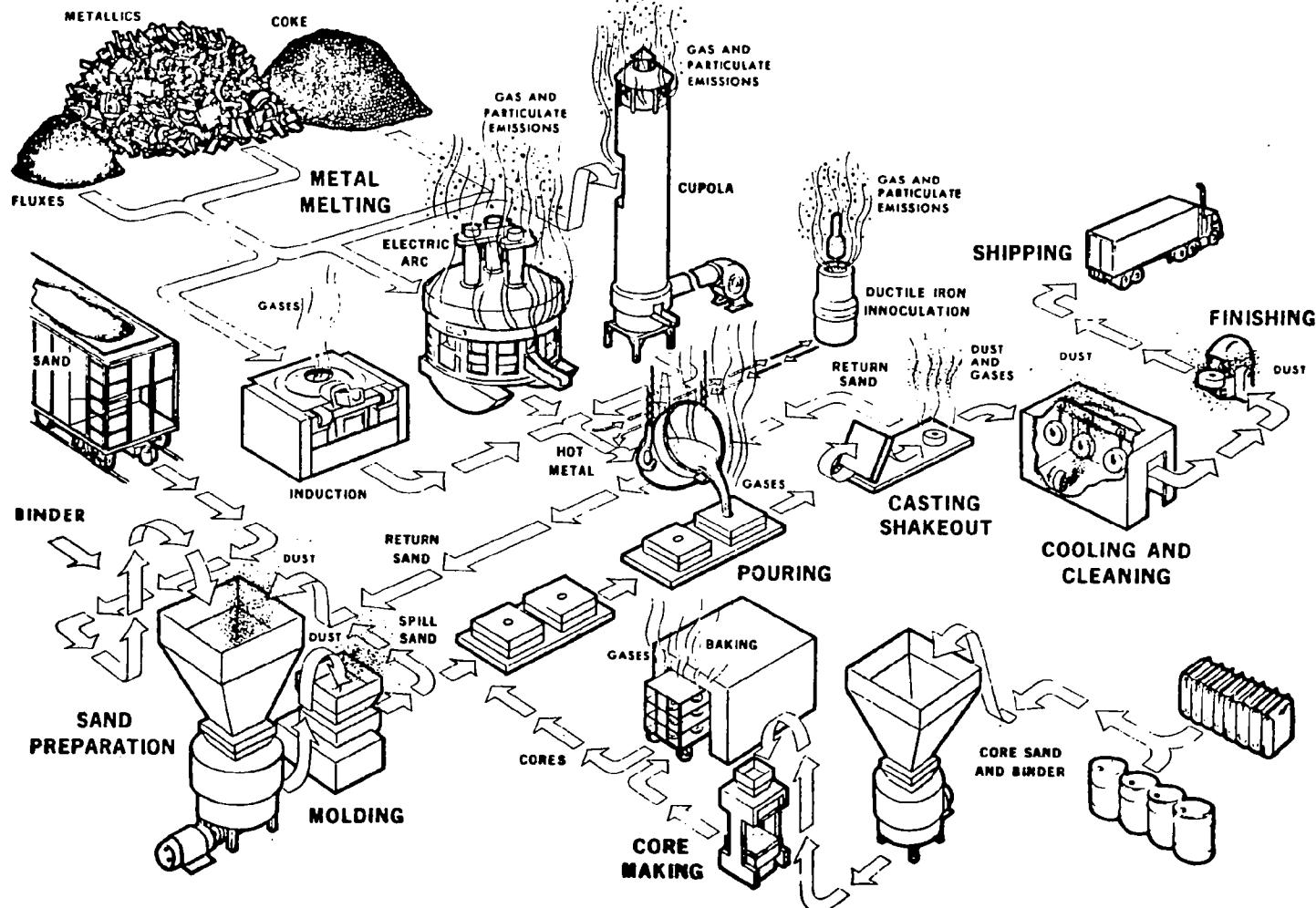


FIGURE 2.0-1 IRON FOUNDRY PROCESS FLOW DIAGRAM

(Source: KE-118)

The turbulence created in cupolas by forced air and the descending charge results in hot gases laden with particulates that escape to the atmosphere. The gases vary in temperature from 1,500° to 2,000° F. Such high temperatures give the gases a buoyancy that carries them to high levels. Particulates are then dispersed over wide areas (NA-030).

Electric arc furnaces do not present as great an air pollution problem. These furnaces melt metal by passing an electric current between two electrodes that are inserted in a covered chamber containing the metal. Another type of electric furnace is the induction furnace. It melts by introducing an electromagnetic field through an enclosed charge of metal. If pig iron and clean casting returns are charged, no air pollution control equipment is usually necessary. Control is more necessary if the charge consists of either contaminated scrap or magnesium to produce ductile iron (NA-030).

Electric furnaces are being used more and more throughout the industry. One reason certainly is related to air pollution control - electric furnaces have lower emission characteristics. Another reason is the increased demand for the more refined castings (NA-030).

3.0 EMISSIONS AND CONTROLS

3.1 Emission Sources and Potential Emissions

Emission sources in a gray iron foundry are (1) raw material storage and handling, (2) melting operations, (3) molding, (4) cleaning and finishings, (5) sand conditioning, and (6) core making. The most significant of these is the melting operation, particularly the cupola. The emissions consist of particulate matter as dust fume and smoke, and of carbon monoxide from cupolas.

Table 3.1-1 shows EPA emission factors for both particulate and carbon monoxide from cupolas and particulate matter from reverberatory and electric induction furnaces. Potential (uncontrolled) particulate emissions from cupolas - 17 lbs/ton metal charged, from reverberatory furnaces - 2 lbs/ton, and from electric induction furances - 1.5 lbs/ton. Carbon monoxide emissions from cupolas are 145 lbs/ton metal charged.

Emissions from non-melting foundry processes, with a single important exception, are often controlled as a standard practice, have the most effect on the foundry environment, and are released to the atmosphere in lesser quantities than the cupola and electric arc furnace emissions. Particulate emissions from non-melting foundry operation averages about 5.8 lb/ton of molten iron. The concentration of these emissions at their source can be substantial as in the case of the shakeout, abrasive cleaning, and grinding, but the particles emitted are often large with a relatively high settling rate. The portion of the particulate matter escaping the normal collection duct-work tends to settle out within the foundry building. The non-melting emissions posing the greatest current problem are those

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TABLE 3.1-1

EMISSION FACTORS FOR GRAY IRON FOUNDRIES<sup>a</sup>

Type of furnace	Particulates		Carbon monoxide	
	lb/ton	kg/MT	lb/ton	kg/MT
Cupola				
Uncontrolled	17	8.5	145 <sup>b</sup>	72.5 <sup>b</sup>
Wet cap	8	4	-	-
Impingement scrubber	5	2.5	-	-
High-energy scrubber	0.8	0.4	-	-
Electrostatic precipitator	0.6	0.3	-	-
Baghouse	0.2	0.1	-	-
Reverberatory	2	1	-	-
Electric induction	1.5	0.75	-	-

<sup>a</sup> Emission factors expressed as units per unit weight of metal charged. Approximately 85 percent of the total charge is metal. For every unit weight of coke in the charge, 7 unit weights of gray iron are produced.

<sup>b</sup> A well-designed afterburner can reduce emissions to 9 pounds per ton (4.5 kg/MT) of metal charged.

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Source: (EN-071)

resulting from coremaking. A minor problem existed in the past when practically all cores were made from oil sand. This type of core, however, is thermally cured in a core oven, and the emissions are relatively easy to capture from the core oven stack for afterburning. The use of organic chemical bonding agents that are becoming more and more widely used, intensifies the problem since these produce emissions extremely difficult to capture due to their method of application. Molds or cores made from air-set sand are often set out on the foundry floor or racks while the sand sets. The local environment in this situation is often extremely poor. Not only is it difficult to capture the emissions over a large floor area, but the dilution of the gaseous emissions by the air makes the resulting mixture difficult and expensive to incinerate in any type of afterburner. The situation in many foundries for thermally cured chemical binders when making shell or hot-box cores causes similar problems for the local environment as well as afterburning. The resulting odors can be detected beyond the foundry property in many cases (KE-119).

The makeup of furnace charges causes limestone dust, coke breeze and rust to be released into the environment. Every conveyor transfer becomes a point where emission control is desirable, as well as storage bins, weigh hoppers and the location where these materials are placed into charging buckets. The preparation of metallic charge materials, including the breaking and cutting of large scrap, removing cutting oil residue from machine-shop turnings and borings in preparation for briquetting, and cleaning of return scrap represent additional sources of emissions. The removal of oil from turnings and borings by ignition results in smoke and vapors. The amount of emissions depends upon the quantity of oil remaining on the turnings and the method of removal (KE-119).

The cupola is the largest single source of difficult-to-collect emissions, producing fume, smoke, particulate matter, dust and gases. Concentrations are affected by the quality and quantity of charge materials, the use of techniques such as oxygen enrichment and fuel injection, the volume and rate of combustion air, and the melting zone temperature (KE-119).

Iron melting in a cupola produces heavy concentration of particulate emissions ranging in size from greater than 44 microns to less than 1 micron in a gas stream up to 2000°F. Concentrations are affected by the quality and quantity of charge materials, the use of techniques such as oxygen enrichment and fuel injection, the volume and rate of combustion air, and the melting zone temperature. Components can be grouped into three major categories: (1) metallic oxides, (2) silicon and calcium oxides, and (3) combustible materials (KE-119).

The amount of metallic oxides occurring in cupola emissions is believed to be related to the presence of the respective metals in the scrap charge and their partial vapor pressures at the temperature of the cupola melting zone. All metallic oxides except those of iron indicate the presence of nonferrous contaminants or alloying additions in the metallic scrap. Thus, zinc oxide could result from the presence of galvanized scrap; lead oxide from terne plate, lead bearing steel, or red or white lead painted scrap; aluminum oxide from aluminum scrap; chromium, and copper, and cadmium oxides from chrome plated materials. Iron oxides are always to be found in cupola emissions, the concentration being dependent on such factors as scrap thickness, degree of surface corrosion, and temperature in the melting zone. The oxides of silicon and calcium, representing the second category, derive from lining erosion, embedded molding or core sand on foundry returns, dirt from the scrapyard adhering to scrap, or from the limestone flux.

The third category of emissions, combustible material, includes coke particles, vaporized or partially burned oil and grease and other contaminants swept up the stack by the top gases. Certain other variables influence the amount of cupola emissions (KE-119).

The emissions from iron melting in the arc furnace come from two principal sources - the burning or vaporization of combustible materials which are in the charged raw materials, and the burning of the electrodes and some of the charge metallics during meltdown. In both cases, the greatest evolution of gases occurs during the early part of the cycle, when meltdown takes place and when the electric power consumption is highest. Although the type and quantity of effluent from combustion of impurities in the charged materials is highly variable depending on the nature and cleanliness of these materials, the gases produced from combustion of the electrodes are a known and comparatively constant and calculable source of emissions. Approximately 9 - 11 pounds of electrodes are consumed per ton of iron melted, producing approximately 30 pounds of CO and CO<sub>2</sub> gases, plus 150 pounds of N<sub>2</sub> from air induced into the furnace. Additionally, a quantity of the metallics, principally iron, is oxidized and emitted as oxide fumes. The electric arc furnace produces moderately heavy concentrations of particulates. From 50% to 80% of the total particles are less than 5 microns in size when melting iron. The gas stream is well over 2000° F, requiring cooling by infiltrated air or water sprays (KE-119).

Induction melting produces light concentrations of effluent consisting of fume, smoke, and oil vapor. The smoke and oil vapor usually derives from small amounts of cutting oil adhering to the steel or iron scrap. Coreless induction furnaces used as holding or superheating furnaces charged with molten iron only emit approximately 1.5 pounds of particulates per hour

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per ton of process weight and therefore are rarely provided with emission control equipment (KE-119).

The reverberatory or air furnace for melting or duplexing produces comparatively light to moderate concentrations of emissions in the range of 1 to 3 grains per standard cubic foot. Combustion occurs within the furnace but the gas or oil fuel is burned in highly efficient burners above the metal bath. Smoke, fume and fly ash are produced in this type furnace. The smoke results from combustion of oil on the scrap and other combustible materials in the charge. Fume, mostly metallic oxides, appears in the effluent, as it does in any melting furnace, and is the result of nonferrous contaminants in the charge material vaporized along with a portion of the iron scrap in the molten bath (KE-119).

The molding operation is not a major contributor to foundry emisssions. In green-sand molding, the moisture in the sand acts as a dust suppressant. Small quantities of dry parting compound are emitted when the mold halves are dusted with this material. Liquid partings used to prevent molding sand from sticking to metal patterns or match plates have a kerosene base. When sprayed on the patterns, a portion of the vehicle vaporizes, and the solids such as stearic acid are sprayed into the air in the immediate environment. Sea coal is also used as a mold spray and is released into the atmosphere. Concentrations are light, approximately one grain per standard cubic foot (KE-119).

Molding sands consist of silica, zircon, elivine, chamotte, and occasionally other mineral grains bonded with clay, bentonite, Portland cement, plaster of Paris, petroleum residues and bitumens. Additives are often added as cushioning materials, with such materials as sea coal, pitch, wood flour,

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silica flour, perlite, ground cereal hulls and chemicals in common use. Binders and additives used to improve the strength, molding properties, and casting properties of sand also contain amounts of combustible materials which form gas which evolves during the pouring and cooling of molds (KE-119).

Emissions from the pouring operation are much more severe than molding and are usually more difficult to capture. The hot metal, when poured into the mold, first ignites and then, as oxygen in the mold is exhausted, vaporizes such materials in the sand as sea coal, cereal and synthetic binders, and core binders. Steam is formed in green sand molds from the moist sand and in the full-mold process, the complete pattern is consumed. Emissions are affected by the quantities of the different source materials required to produce satisfactory castings. Most of the emissions are steam, vapor, and smoke with a smaller percentage of particulate matter. In the case of the full mold process and many of the synthetic binders, the emissions such as hydrogen chloride and methyl chloride are toxic, and only the low concentrations per mold, coupled with general foundry ventilating systems, prevent potentially serious physiological reactions in molders, pouring crews and shake-out men. The concentration of smoke, fume, and vapors is related to the hot metal temperature, length of time between pouring and shakeout, and the quantities of binders, moisture and parting compounds required to make a satisfactory mold. Although relatively small amounts of particulates are involved, the toxicity of the unburned combustibles makes collection a desirable factor. The high temperatures associated with pouring often result in burning of gas as it leaves the molds. This afterburning is desirable to completely convert the combustibles to CO<sub>2</sub> and water vapor and to eliminate explosion and toxicity hazards, particularly if the mold contains oil sand cores (KE-119).

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Cleaning and finishing operations produce emissions less troublesome than other foundry processes. Emissions are generally larger and easier to capture and separate from the airstream though concentrations can occasionally exceed three grains per standard cubic foot. Particle sizes are as large as five to seven microns and their concentrations are dependent upon type and surface speed of the grindstone and the amount of pressure exerted by the grinder. Chipping operations produce such large particles that control of the effluent is not required. Abrasive shotblasting produces high concentrations of metal particles, sand dust, and broken shot but modern blast machines are provided with high-efficiency fabric filters designed for the purpose. The concentration of these emissions is a function of the quantity of embedded sand on the castings, fracture strength of the shot, and length of time in the blast cabinet or room. Sand blasting, now rarely used, produces high concentrations of sand dust with concentrations related to air pressure, blast sand characteristics and length of time required for cleaning (KE-119).

Emissions resulting from coremaking operations are generally in the form of fume and gas, the type and amount depending on the nature of the core mix and the coremaking process. The core mix is typically comprised of silica sand, binder and moisture. Sand emissions are light, under one grain per standard cubic foot. The binders used in coremaking include linseed oil, core oil, wheat flour, sulphite, pitch, oilless binders, resins, silica flour, fire clay, wood flour, iron oxide, bentonite, and silica sand. Resinous binders, normally used in shell molding processes, cause various hazards. The decomposition of the products is extremely toxic. Dermatitis is the principal effect caused by an excess of free phenol, formaldehyde, hexamethylenetetramine, or alcohol. The extent of the hazard depends upon the specific agent and the tolerance level for that

agent. Phenol, for example, can cause dermatitis and do organic damage to the body at levels exceeding five parts per million. Formaldehyde is a nuisance at levels exceeding five parts per million. Hexamethylenetetramine can cause skin irritations with direct contact. Other toxic and irritating materials include furfuryl alcohol, methyl alcohol, urea, carbon monoxide and silica dust (KE-119).

### 3.2        Control Equipment

The term "emissions control system" refers to all equipment installed at the plant for the purpose of reducing furnace emissions. Such equipment may, for example, include: (1) the cap of the cupola, (2) the ductwork leading from the cupola to the control device, (3) the quenching chambers for reducing gas temperatures, (4) the control device, (5) the demister (if needed) for removing moisture droplets from the gas stream, (6) the fans and pumps, (7) the particulate disposal and water-circulating systems, (8) the afterburner inside the cupola, and (9) automated electrical devices that monitor the system. For control of particulate emissions, one of the following types of systems of air pollution control equipment is commonly used by gray iron foundries with cupola furnaces (NA-030). Typical emission reductions are shown in Table 3.1-1.

#### Wet Caps

The wet cap collection device consists basically of a conical "weatherhood" above the cupola stack. Water pours over the conical section to produce a water curtain through which the hot gases must pass. Wet caps will not meet a typical process weight regulation (NA-030).

Multiple Cyclones

Multiple cyclones include devices in which a vortex is created to separate particles from the main gas stream. These particles then fall by gravity to locations from which they may be removed from the collector (NA-030).

Wet Scrubbers

Wet scrubber systems use a liquid, usually water, to separate or assist in the separation of particulates from the gas stream. Collection efficiency will be a function of energy used to obtain the interaction between dispersed liquid droplets and particulates. Low-energy scrubbers include all those designs with an energy input up to 25 inches water gauge. Scrubber designs with energy requirements greater than 25 inches water gauge are classed as high-energy wet scrubbers (NA-030).

Fabric Filters

Fabric filters are devices that remove particulate matter from gas streams by retention of the particles in or on a woven or felted fabric through which the gas flows. This equipment is used on electric arc and cupola furnaces. Electrostatic precipitations are rarely used in foundry operations (NA-030).

Carbon Monoxide Removal

Afterburners are used for control of carbon monoxide emission from cupolas. These are very effective provided sufficient residence time occurs from the point of ignition to the exit point (NA-030).

4.0

STATE IMPLEMENTATION PLAN REGULATIONS

SIP regulations were obtained from DSSE files in December 1974. A summary of applicable particulate and CO emission regulations is presented in Table 4.0-1 for those states which have gray iron producers. Compliance analysis in this report was restricted to those processes directly involved with gray iron production. Other fugitive emission points may be affected by the SIPs. Any compliance schedules for such emission points will appear in the Master Lists in Section 6.3.

All states involved had regulations requiring control of particulate emissions from gray iron cupolas. Most of these involved higher control efficiencies for large capacity operations. The collection efficiency needed was at least 90% except for very small (<.3 T/Hr) production rate units and intermittent (jobbing) operation.

Only ten of the forty-three states involved had regulations concerning carbon monoxide emissions. Almost all of these required incineration equipment to be operating. Those which specified incineration temperatures and times as well as those (California counties) which specified CO concentration maximum required at least 90% efficiency of CO removals.

TABLE 4.0-1  
SIP AIR EMISSION REGULATIONS  
EXISTING GRAY IRON FOUNDRIES

<u>GOVERNMENT ENTITY</u>	<u>PARTICULATE REG. NUMBER</u>	<u>MAXIMUM ALLOWABLE PARTICULATE EMISSIONS</u>	<u>COMMENT</u>	<u>CO. REG. NUMBER</u>	<u>MAXIMUM ALLOWABLE CO. EMISSIONS</u>
Alabama	4.5.1	$E = 4.70P^{0.805}$ $E = 6.70P^{0.582}$	$P < 4.5 \text{ ton/hr}$ $4.5 \leq P \leq 25 \text{ ton/hr}$	7.1	Incineration Required
	4.4.1	$E = 3.59P^{0.62}$	$25 \leq P \leq 30 \text{ ton/hr}$		
	Class 1 Counties	$E = 17.31P^{0.16}$	$P > 30 \text{ ton/hr}$		
	4.4.2	$E = 4.10P^{0.67}$	$25 \leq P \leq 30 \text{ ton/hr}$		
	Class 2 Counties	$E = 17.31P^{0.16}$	$P > 30 \text{ ton/hr}$		
Arkansas	7 (C) (2)	$E = 3.59P^{0.62}$ $E = 17.31P^{0.16}$	$P \leq 30 \text{ ton/hr}$ $P > 30 \text{ ton/hr}$	None	
California	None (by Counties)				
	Section 6112.2 Alameda Co. Contra Costa Co. San Fran. Co.	$E = 407P^{0.672}$ $E = 21.2P^{0.16}$	$0 < P \leq 30 \text{ ton/hr}$ $P < 30 \text{ ton/hr}$	$E = 40 \text{ MAX}$ in Alameda Co.	None
	Section 52.1 Nevada Co.				

TABLE 4.0-1 (Cont'd)

<u>GOVERNMENT ENTITY</u>	<u>PARTICULATE REG. NUMBER</u>	<u>MAXIMUM ALLOWABLE PARTICULATE EMISSIONS</u>		<u>COMMENT</u>	<u>CO. REG. NUMBER</u>	<u>MAXIMUM ALLOWABLE CO. EMISSIONS</u>
	Rule 405					
	Kern Co.					
	Rule 406	$E = 3.59P^{0.62}$	$0 < P \leq 30$ ton/hr			None
	San Joaquin Co.	$E = 17.31P^{0.16}$	$P > 30$ ton/hr			
	Rule 14					
	Amadore Co.					
	Rule 54	$E = 1$ MAX	$P \leq .125$ ton/hr			
	Los Angeles Co.	$E = 3.65P^{0.62}$	$.125 < P \leq 5$ ton/hr;	$E = 40$ MAX	Rule 71	Allowable $\leq$ 0.2% by volume
	Rule 52	$E = 6.52P^{0.226}$	$5 < P \leq 30$ ton/hr		Rule 71	
	Orange Co.	$E = 4.58P^{0.349}$	$30 < P \leq 500$ ton/hr			
	Rule 54	$E = 4.81P^{0.78}$	$0 < P \leq 30$ ton/hr	$E = 40$ Max	Rule 71	Allowable $\leq$ 0.2% by volume
	San Diego Co.					
	Rule 54	$E = 0.5P$			Rule 76	Allowable $\leq$ 0.2% by volume
	Riverside Co.					
Colorado	1-II C(1)	$E = 3.59P^{0.62}$	$P \leq 30$ ton/hr		None	
		$E = 17.31P^{0.16}$	$P > 30$ ton/hr			

TABLE 4.0-1 (Cont'd)

<u>GOVERNMENT ENTITY</u>	<u>PARTICULATE REG. NUMBER</u>	<u>MAXIMUM ALLOWABLE PARTICULATE EMISSIONS</u>	<u>COMMENT</u>	<u>CO. REG. NUMBER</u>	<u>MAXIMUM ALLOWABLE CO. EMISSIONS</u>
Connecticut	3.6.1	85% Control or			
	Iron Cupolas	Allowable $\leq$ 0.8 lb/1000 lbs Exhaust Gas	None		
	3.6.2	90% Control of Fugitive Dust			
	Foundry Sound				
Delaware	4.3	E = 1.5P		None	
Florida	17-2.04(2)	E = $3.59P^{0.62}$ P $\leq$ 30 ton/hr E = $17.31P^{0.62}$ P>30 ton/hr		None	
Georgia	Chapter 270-5-24 Page 21-(0)			None	
	1. Production Foundry	E = $4.10P^{0.67}$ 25 $\leq$ P $\leq$ 30 ton/hr E = $55.0P^{0.11}$ -40 P>30 ton/hr			
	2. Production Foundry	E = $4.70P^{0.805}$ P $\leq$ 4.5 ton/hr E = $6.70P^{0.582}$ 4.5 $\leq$ P<25 ton/hr			
	2.(i)	Allowable $\leq$ 0.6 lbs particulate/ton metal melted	For intermittent operation ( $\leq$ 10 tons metal melted/day)		

TABLE 4.0-1 (Cont'd)

<u>GOVERNMENT ENTITY</u>	<u>PARTICULATE REG. NUMBER</u>	<u>MAXIMUM ALLOWABLE PARTICULATE EMISSIONS</u>	<u>COMMENT</u>	<u>CO. REG. NUMBER</u>	<u>MAXIMUM ALLOWABLE CO. EMISSIONS</u>
Michigan	R 336-62-D (Except Wayne Co.)			None	
	Jobbing Cupolas	Allowable $\leq$ 0.40 lbs/1000 lbs flue gas			
	Production Cupolas	Allowable $\leq$ 0.4 lbs/1000 lbs flue gas	0-10 ton/hr		
		Allowable $\leq$ 0.25 lbs/1000 lbs flue gas	11-20 ton/hr		
		Allowable $\leq$ 0.15 lbs/1000 lbs flue gas	$\leq$ 21 ton/hr		
	Article V-Sec. 6.2 (Wayne Co.)				
	Jobbing Cupolas	Allowable $\leq$ 0.40 lbs/1000 lbs flue gas		None	
	All Others	Allowable $\leq$ 0.15 lbs/1000 lbs flue gas			
Minnesota	APC 5 (b) (3) (a <sup>a</sup> )	85% Control or Allowable $\leq$ 0.4 gr/scf of flue gas		None	

TABLE 4.0-1 (Cont'd)

<u>GOVERNMENT ENTITY</u>	<u>PARTICULATE REG. NUMBER</u>	<u>MAXIMUM ALLOWABLE PARTICULATE EMISSIONS</u>	<u>COMMENT</u>	<u>CO. REG. NUMBER</u>	<u>MAXIMUM ALLOWABLE CO. EMISSIONS</u>
Mississippi	3-6 (a)	E = $4.10P^{0.67}$ P $\leq$ 30 ton/hr E = $55.0P^{0.11}$ -40 P>30 ton/hr	None		
Missouri	(Jackson & Platte Co.)				
	Jobbers - II.B.(1)	Allowable $\leq$ 0.4 gr/scf flue gas		S-I.E.1	Incineration Required
	Others - II.A	E = $4.10P^{0.67}$ P $\leq$ 30 ton/hr E = $55.0P^{0.11}$ -40 P $\leq$ 30 ton/hr			
	(St. Louis City)				
	Jobbers - IV.B.1	Allowable $\leq$ 0.4 gr/scf flue gas			
	Others - II.A	E = $4.10P^{0.67}$ P $\leq$ 30 ton/hr E = $55.0P^{0.11}$ -40 P>30 ton/hr			
	(Greene Co.)				
	Jobbers - S-V.E-1	Allowable $\leq$ 0.4 gr/scf flue gas			
	Others - S-V.D.1	E = $4.10P^{0.67}$ P $\leq$ 30 ton/hr E = $55.0P^{0.11}$ -40 P>30 ton/hr			
Montana	90-004A	E = $4.10P^{0.67}$ P $\leq$ 30 ton/hr E = $55.0P^{0.11}$ -40 P>30 ton/hr	None		

TABLE 4.0-1 (Cont'd)

<u>GOVERNMENT ENTITY</u>	<u>PARTICULATE REG. NUMBER</u>	<u>MAXIMUM ALLOWABLE PARTICULATE EMISSIONS</u>	<u>COMMENT</u>	<u>CO. REG. NUMBER</u>	<u>MAXIMUM ALLOWABLE CO. EMISSIONS</u>
Nebraska	12	$E = 4.10P^{0.67}$ P<30 ton/hr $E = 55.0P^{0.11-40}$ P>30 ton/hr		None	
New Hampshire	10-III	$E = 4.10P^{0.67}$ P<30 ton/hr $E = 55.0P^{0.11-40}$ P>30 ton/hr  $E = 5.05P^{0.67}$ P<30 ton/hr $E = 66.0P^{0.11-48}$ P>30 ton/hr	New Sources (after 5/12/71)  Existing Sources (before 5/12/71)	None	
New Jersey	2.1	Allowable $\leq 0.02$ gr/scf flue gas		None	
New York	188.3 Jobbing Foundry	$E = 4.70P^{0.805}$ P<4.5 ton/hr $E = 6.70P^{0.582}$ 4.5<P<25 ton/hr		None	
North Carolina	2.20 Jobbing Foundry	$E = 4.70P^{0.805}$ P<4.5 ton/hr $E = 6.70P^{0.582}$ 4.5<P<10 ton/hr	Existing Sources (before 1/1/72)	None	
	2.30	$E = 4.10P^{0.67}$ P<30 ton/hr $E = 55.0P^{0.11-60}$ P>30 ton/hr	Existing Jobbing Sources greater than 10 ton/hr capacity and any new sources (after 1/1/72)		

TABLE 4.0-1 (Cont'd)

<u>GOVERNMENT ENTITY</u>	<u>PARTICULATE REG. NUMBER</u>	<u>MAXIMUM ALLOWABLE PARTICULATE EMISSIONS</u>	<u>COMMENT</u>	<u>CO. REG. NUMBER</u>	<u>MAXIMUM ALLOWABLE CO. EMISSIONS</u>
North Dakota	5.120	E = $4.10P^{0.67}$ P $\leq$ 30 ton/hr E = $55.0P^{0.11}$ -40 P>30 ton/hr	None		
Ohio	AP-3-12(B)	E = $4.10P^{0.67}$ P $\leq$ 30 ton/hr E = $55.0P^{0.11}$ -40 P>30 ton/hr		AP 5-08(D)	Incineration Required
Oklahoma	8.33	E = $4.10P^{0.67}$ P $\leq$ 30 ton/hr E = $55.0P^{0.11}$ -40 P>30 ton/hr		17.2	Incineration Required with 93% or more CO removal
Oregon	21-040	E = $4.504P^{0.674}$ P $\leq$ 0.65 ton/hr E = $4.14P^{0.552}$ 0.65<P $\leq$ 5 ton/hr E = $2.739P^{0.775}$ 5<P $\leq$ 30 ton/hr E = $55.0P^{0.11}$ -40 P>30 ton/hr	None		
Washington Co.	7.3	E = $4.10P^{0.67}$ P $\leq$ 30 ton/hr E = $55.0P^{0.11}$ -40 P>30 ton/hr	None		
Lane Co.	2-6.3 A	E = $4.10P^{0.67}$ P $\leq$ 30 ton/hr E = $55.0P^{0.11}$ -40 P>30 ton/hr	None		

TABLE 4.0-1 (Cont'd)

<u>GOVERNMENT ENTITY</u>	<u>PARTICULATE REG. NUMBER</u>	<u>MAXIMUM ALLOWABLE PARTICULATE EMISSIONS</u>	<u>COMMENT</u>	<u>CO. REG. NUMBER</u>	<u>MAXIMUM ALLOWABLE CO. EMISSIONS</u>
Pennsylvania	123.12 (Melting)	E = 0.76 (150 X P) 0.42 P<5 ton/hr E = 0.76 (50 X P) 0.42 P>5 ton/hr	Whichever is less Stringent	None	
	Sand Handling	E = 0.76 (20 X P) 0.42			
	Shake Out	E = 0.76 (20 X P) 0.42 or Allowable $\leq$ 0.02 gr/scf flue gas			
Puerto Rico	5.5.1	E = $4.10P^{0.67}$ P<30 ton/hr E = $55.0P^{0.11}-40$ P>30 ton/hr		None	
Rhode Island	1-3.	E = $4.10P^{0.67}$ P<30 ton/hr E = $55.0P^{0.11}-40$ P>30 ton/hr		None	
South Carolina	5A - Section VII	E = $4.10P^{0.67}$ P<30 ton/hr E = $55.0P^{0.11}-40$ P>30 ton/hr		None	

TABLE 4.0-1 (Cont'd)

<u>GOVERNMENT ENTITY</u>	<u>PARTICULATE REG. NUMBER</u>	<u>MAXIMUM ALLOWABLE PARTICULATE EMISSIONS</u>	<u>COMMENT</u>	<u>CO. REG. NUMBER</u>	<u>MAXIMUM ALLOWABLE CO. EMISSIONS</u>
Tennessee	7-Z Jobbing Foundry Only	E = $4.70P^{0.805}$ P<4.5 ton/hr E = $6.70P^{0.582}$ 4.5<P<10 ton/hr  E = $4.10P^{0.67}$ P<30 ton/hr E = $55.0P^{0.11}$ -40 P>30 ton/hr  E = $3.59P^{0.62}$ P<30 ton/hr E = $17.31P^{0.16}$ P>30 ton/hr	Existing Sources (before 4/3/72)  Existing Sources (before 4/3/72)  New Sources (before 4/3/72)	None	
Texas	105.1	E = $0.048Q^{0.62}$		None	
Utah	3.5.1	85% Minimum Control		None	
Vermont	5-462	E = $4.10P^{0.67}$ P<30 ton/hr E = 40 lb/hr P>30 ton/hr		None	
Virginia	Sec. IV - 4.04.01(10)	E = 3.05 lb/hr P<0.5 ton/hr E = $4.70P^{0.805}$ 0.5<P<4.5 ton/hr E = $6.70P^{0.582}$ 4.5<P<25 ton/hr		4.05.04(b)	Incineration Required
Washington	WAC 18-04-060	Allowable $\leq$ 0.20 gr/scf flue gas Allowable $\leq$ 0.1 gr/scf flue gas	July 1, 1975	None	

TABLE 4.0-1 (Cont'd)

<u>GOVERNMENT ENTITY</u>	<u>PARTICULATE REG. NUMBER</u>	<u>MAXIMUM ALLOWABLE PARTICULATE EMISSIONS</u>	<u>COMMENT</u>	<u>CO. REG. NUMBER</u>	<u>MAXIMUM ALLOWABLE CO. EMISSIONS</u>
West Virginia	16-20, Series VII- 3.02	E = 8.57P <sup>0.457</sup>			None
Wisconsin	NR 154.11 Cupolas	Allowable $\leq$ 0.45 lbs/1000 lbs flue gas		NR154.14	Incineration Required
	Sintering	Allowable $\leq$ 0.2 lbs/1000 lbs flue gas			

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P = Charge rate - tons/hr

E = Emissions - (lb/hr)

Q = Stack Effluent rate (ACFM)

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## 6.0 DATA SOURCES, SUMMARIES, AND TABLES OF INDIVIDUAL PLANTS

### 6.1 Sources of Data

#### 6.1.1 Processes and Emissions

The Sources for Gray and Ductile Iron Castings (GR-153) was the only independent source of process data. Production data for individual sources is often proprietary and not available. The NEDS data base was used to obtain some process information and emissions. A Point Source Listing for SIC 3321, created on December 6, 1974, was used. Only "Source Test" emissions listed in NEDS were used in this study.

#### 6.1.2 Compliance Status

Three data sources were used in common for all regions: (1) a CDS Quick Look Report (QL) of compliance status of all sources as of 8 May 1975, (2) a CDS QL report of all increments of progress scheduled beyond 1974, and (3) a CDS Source Data Report for SIC 3321 as of 24 August 1974.

All regional offices were contacted by phone to obtain compliance status information not in CDS. Some regions had data which was in the process of being added to CDS and was unavailable. The following supplementary data was available and was used in this study.

Region I - None

Region II - CDS Source Data Reports for all sources as of 23 April 1975. Data was obtained by visit to Regional Office on 23 April 1975.

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Region III - None

Region IV - CDS Source Data Reports for all sources and Semi-annual and Quarterly Reports from the states in Region IV. This data was available to Radian as a result of an on-going contract with Region IV to update CDS.

Region V - None

Region VI - CDS Source Data Reports for Louisiana and Oklahoma and data from Texas Air Control Board of compliance status of all sources in the EMS system as of 30 April 1975.

Region VII - Status of all sources was obtained by visit to RO on 21-23 April 1975.

Region VIII - Status of all sources as of 21 May 1975 was obtained by mail contact.

Region IX - The status of nine sources in neither NEDS nor CDS was obtained over the phone. Status was as of 23 May 1975.

Region X - None

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## 6.2 Summary of Emissions and Compliance Status

### 6.2.1 Emissions

No estimate of potential or actual emissions was available by summation of data from individual sources because of lack of process data. Production data were available on less than 60% of facilities located. Individual facility potential emissions ranged from 0.4 tons/yr particulate and 3.0 tons/yr carbon monoxide (production of 100 tons/yr in 1974) to 14,000 tons/yr particulate and 116,000 tons/yr of carbon monoxide (production of 1,642,000 tons/yr in 1974). This latter plant was reported to have a design capacity of 5,530,000 tons per year of iron. Several other facilities were reported to have production rates greater than 1,000,000 tons/yr. Emission control data were not available on about 38% of the facilities. Those on which data were available showed no control in 74% of the facilities while 4% had incinerators for carbon monoxide control (95% to 99.9% efficiency) and 25% had some form of particulate control (47% to 99.9% efficiency).

Particulate emissions from the United States gray iron industry in 1966 was estimated to be 190,000 tons (NA-030). In 1968, the iron foundry industry (gray iron at 71% of production) had 139,000 tons/yr particulate emissions. At that time 33.5% of the furnaces had some particulate controls with an average efficiency of 79.9%, indicating 27% overall control (VA-091). The whole iron foundry industry in 1969 was reported to have produced 182,000 tons of particulate emissions and 1,462,000 tons of carbon monoxide emissions (KE-119).

### 6.2.2 Compliance Status

A summary of compliance status by region is presented in Table 6.2-1a and 6.2-1b according to the current compliance status codes given in Table 6.2-2.

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TABLE 6.2-1a  
GRAY IRON INDUSTRY  
CATEGORICAL SUMMARY OF COMPLIANCE STATUS BY REGION  
MAY, 1975

REGION	IN		OUT		UNKNOWN		<u>TOTAL</u>
	IN COMPLIANCE EMISSION LIMITATION	IN COMPLIANCE WITH SCHEDULE	OUT OF COMPLIANCE EMISSION LIMITATION	OUT OF COMPLIANCE WITH SCHEDULE	UNKNOWN COMPLIANCE EMISSION LIMITATIONS	UNKNOWN COMPLIANCE WITH SCHEDULE	
I	3	0	0	0	26	8	37
II	1	0	6	0	15	0	22
III	58	3	1	3	31	42	138
IV	3	0	0	0	51	62	116
V	61	35	0	2	206	8	312
VI	6	2	3	0	47	4	62
VII	20	6	0	4	27	19	76
VIII	2	0	2	1	4	0	9
IX	3	0	0	0	48	1	52
X	10	1	0	3	2	1	17
	167	47	12	13	457	145	841
TOTAL	(20%)	(6%)	(1%)	(1%)	(55%)	(17%)	
TOTAL	214		25		602		
TOTAL	(26%)		(2%)		(72%)		841

**RADIAN CORPORATION**TABLE 6.2-1bGRAY IRON INDUSTRY  
SUMMARY OF COMPLIANCE STATUS BY REGIONENTIRE SOURCE  
COMPLIANCE STATUS CODE

REGION	0	1	2	3	4	5	6	7	8	9	TOTAL
I	25	0	0	0	3	0	0	8	0	1	37
II	15	6	0	0	1	0	0	0	0	0	22
III	31	1	0	0	58	3	3	42	0	0	138
IV	51	0	0	0	3	0	0	62	0	0	116
V	196	0	0	2	31	35	2	8	28	10	312
VI	47	3	0	0	6	2	0	4	0	0	62
VII	27	0	2	0	18	6	4	19	0	0	76
VIII	4	2	0	0	2	0	1	0	0	0	9
IX	48	0	1	1	1	0	0	1	0	0	52
X	<u>2</u>	<u>0</u>	<u>1</u>	<u>0</u>	<u>9</u>	<u>1</u>	<u>3</u>	<u>1</u>	<u>0</u>	<u>0</u>	<u>17</u>
TOTALS	446	12	4	3	132	47	13	145	28	11	841

**RADIAN CORPORATION**TABLE 6.2-2COMPLIANCE STATUS CODES

<u>CODE</u>	<u>DESCRIPTION</u>
0	Unknown
1	Not in compliance - no schedule
2	In compliance - source test
3	In compliance - inspection
4	In compliance - certification
5	In compliance with increments of progress
6	Not in compliance with increments of progress
7	Unknown compliance with increments of progress
8	No applicable state regulation
9	Sources with potential emissions >100 TPY and <100 TPY actual emissions - compliance status unknown

For the eight hundred and forty-one gray iron foundries located, two hundred and fourteen (26%) were found to be in compliance with SIP regulations, twenty-five (2%) were out of compliance, and six hundred and two (72%) were unknown. These categories are subdivided as follows: one hundred and sixty-seven plants (20%) were in compliance with emission limitations as determined by source test, inspection, or state certification, forty-seven plants (6%) were in compliance with the increments of progress of a schedule, twelve plants (1%) were out of compliance with the increments of progress of a compliance schedule, four hundred and fifty-seven plants (55%) had unknown status with respect to emission limitations, and one hundred and forty-five plants (17%) had unknown compliance with increments of progress of a schedule.

### 6.3 Data Tables of Individual Sources

This section presents the data gathered for each gray iron producer. The data for each source is presented in a three-page format described below. A referencing system is used to consecutively number the sources in each state according to AQCR and county SAROAD number. The reference numbering system starts at "1" for each state. The reference number is also used to identify the source on PG 2/3 and PG 3/3.

PG 1/3 is an entire source (plant) summary of company name, source location (city), AQCR, particulate and carbon monoxide priorities, SAROAD numbers, NEDS, CDS, and state source identification numbers, design and operating source production rate in thousand tons of gray iron per year, and entire source compliance status code (see Table 6.2-2). Data sources are

referenced by superscript footnotes. Compliance status was extracted from CDS entire source compliance status unless footnoted otherwise. In those cases where the entire source compliance status was found to be inconsistent with the status of the individual points, the proper CDS code for the entire source was selected, entered, and footnoted. If the source was listed in CDS with an SIC code other than 3321 that SIC is presented below the CDS source number.

PG 2/3 is a listing of point source processes (operations which have EPA emission factors), control equipment, operating (production) rate from NEDS in thousand tons per year (KTPY), particulate (PT) and carbon monoxide (CO) potential emissions at design capacity and operating production rate, actual PT and CO emissions, and allowable PT and CO emissions in pounds per hour (PPH) and tons per year (TPY) both for design and operating conditions. Allowables were computed for the entire plant based upon assumed continuous operation of 8760 hours per year. All data from NEDS is footnoted. Control equipment codes used are listed in Appendix 1.

PG 3/3 is a listing of compliance status for individual processes as found in CDS. Only compliance schedules are presented which have final compliance date of 1 January 1975 and beyond. Any CDS points with schedules due before 1 January 1975 are presented in this report with the

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designation "SCHEDULE EXPIRED BEFORE 1975." Some CDS points with schedules were listed with an improper compliance status code. In this report these points have compliance status code "7" with a footnote to show the actual code found in CDS. Any entire source listed as in compliance with emission limitations, i.e., codes 2, 3, or 4 will have all points in compliance by definition. Compliance schedule increments of progress are 01, plan submittal; 02, award contracts; 03, initiate construction; 04, complete construction; 05, final compliance.

Tables 6.3-1 to 6.3-43 are the compilation of data for the eight hundred and forty-one gray iron foundries located in this study. The tables are grouped by the following hierarchy: region, state, AQCR, county, and source name.

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REGION I  
TABLES 6.3-1 TO 6.3-6

TABLE 6.3-1

## SOURCE SUMMARY - EXISTING SOURCES

REGION	I	INDUSTRY	Gray Iron	SIC	3321	STATE	CONNECTICUT			PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY	
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>
1	Connecticut Foundry Rocky Hill	042/I,I	07	0425	0915	0022	00051 NO SIC			0
2	Plainville Casting Plainville	042/I,I	07	0425	0870		00050 NO SIC		8.4 <sup>2</sup>	0
3	Waterbury Foundry Waterbury	042/I,I	07	0705			00065 NO SIC			0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-1

## POINT EMISSIONS AND ALLOWABLES

REGION <u>I</u>		INDUSTRY <u>Gray Iron</u>		SIC <u>3321</u>	STATE <u>CONNECTICUT</u>		PG 2/3					
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
1	No Data											
2	No Data											
3	No Data											

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-1

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	I	INDUSTRY	Gray Iron	SIC	3321	STATE	CONNECTICUT	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	No Data								
2	No Data								
3	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-2

SOURCE SUMMARY - EXISTING SOURCES

REGION	I	INDUSTRY	Gray Iron	SIC	3321	STATE	MAINE			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
1	Androscoggin Foundry Auburn	107/IA, III	20	0027	0060	0001	00001			0.7	7
2	Enterprise Foundry Lewiston	107/IA, III	20	0027	0620	0006	00006			1.5	4
3	Millinocket Foundry & Machine Millinocket	109/IA, III	20	0907	0905	0014	00014 SIC 3322			0.1	4 <sup>3</sup>
4	Etheridge Foundry & Machine Portland	110/I, III	20	0277	0960	0029	09040			.3	4 <sup>3</sup>
5	Portland Franklin Stove Cumberland	110/I, III	20	0277	0275	0060				1.5	0.4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Blank in CDS

TABLE 6.3-2

## POINT EMISSIONS AND ALLOWABLES

REGION	I	INDUSTRY	Gray Iron		SIC	3321	STATE	MAINE		PG 2/3					
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	Emissions - TPY							SIP Allowables			
					EMISSIONS - TPY		DESIGN		ACTUAL	DESIGN		OPER			
					POTENTIAL	OPER <sup>1</sup>				PPH	TPY	PPH	TPY		
1	Cupola	PT CO	None None	0.650			6.0	47.0							
2	Elec Ind Fce	PT	None	1.50			1.0								
3	Cupola	PT CO	None None	0.043			0.4	3.0							
4	Cupola	PT CO	None None	0.312			3.0	23.0							
5	Cupola	PT CO	None None	0.375	13	109	3.0	27.0		4.8	2.4		1.1		

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-2

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	I	INDUSTRY	Gray Iron	SIC	3321	STATE	MAINE	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	Cupola	PT	001	7 <sup>1</sup>	01/01/74	07/01/74	01/01/75	05/01/75	06/01/75
2	Elec. Ind. Furn.		001	4	01/01/74	07/01/74	10/01/74	05/01/75	06/01/75
3	Cupola	PT	001	4 <sup>4</sup>					06/01/75
4	Cupola	PT	001	4 <sup>1</sup>	01/01/74	07/01/74	01/01/75	05/01/75	06/01/75
5	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA<sup>4</sup> Blank in CDS

TABLE 6.3-3

## SOURCE SUMMARY - EXISTING SOURCES

REGION	I	INDUSTRY	Gray Iron	SIC	3321	STATE	MASSACHUSETTS			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
1	H.B. Smith Co Westfield	042/I, I	22	1790 <sup>4</sup>	2460	0106	00106			9.1	0
2	Jahn Foundry Springfield	042/I, I	22	1798 <sup>4</sup>	2160	0084	00084			16.9	0
3	Plainville Casting Westfield	042/I, I	22	1798 <sup>4</sup>	2460	0109	09129			8.8	0
4	Production Pattern & Foundry Chicopee	042/I, I	22	1798 <sup>4</sup>	0400	0013	00013 SIC 0801			16.9	7 <sup>3</sup>
5	Springfield Foundry Springfield	042/I, I	22	1798 <sup>4</sup>	2160	0092					7 <sup>3</sup>
6	Fremont Casting Co Worcester	118/I, III	22	0369	2640	0110				0.7	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS<sup>4</sup> Listed as 0801 in CDS

TABLE 6.3-3

POINT EMISSIONS AND ALLOWABLES

REGION	I	INDUSTRY	Gray Iron		SIC	3321	STATE	MASSACHUSETTS		PG 2/3					
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	Emissions - TPY						SIP Allowables				
					POTENTIAL		ACTUAL	DESIGN		OPER <sup>1</sup>		DESIGN		OPER	
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	PPH	TPY		
1	Cupola	PT CO	BH INCIN	9.220		78 668								13.8	
2	Cupola	PT CO	WS None	16.900		144 1225								25.4	
3	Cupola	PT CO	None None	8.750		74 634								13.1	
4	Cupola	PT CO	None None	16.900		144 1225								25.4	
5	No Data														
6	Cupola	PT CO	None None	0.700		6 51								4.8	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-3

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	I	INDUSTRY	Gray Iron	SIC	3321	STATE	MASSACHUSETTS	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
1	No Data							
2	No Data							
3	No Data							
4	Cupola Cupola	PT PT	001 003	7 <sup>1</sup> 7 <sup>1</sup>				07/11/75 07/11/75
5	Cupola	PT	001	7 <sup>1</sup>			01/01/75	04/01/75
6	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-3

SOURCE SUMMARY - EXISTING SOURCES

REGION	I	INDUSTRY	Gray Iron	SIC	3321	STATE	MASSACHUSETTS			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
7	Pioneer Foundry Hardwick	118/I, III	22	0369	0829	0040	00020 NO SIC			7.5	0
8	Standard Foundry Worcester	118/I, III	22	0369 <sup>3</sup>	2640		00020 NO SIC				0
9	Worcester Foundry Worcester	118/I, III	22	0369	2640	0125				2.4	0
10	Fitchburg Foundry Fitchburg	118/I, III	22	2645			00091 NO SIC				0
11	LeBaron Foundry Brockton	119/I, I	22	1291 <sup>4</sup>	0320						0
12	Lynn Iron Foundry Lynn	119/I,I	22	1291	1100	0142				1.5	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 2645 in CDS<sup>4</sup> Listed as 0539 in CDS

TABLE 6.3-3

## POINT EMISSIONS AND ALLOWABLES

REGION I		INDUSTRY Gray Iron		SIC	3321	STATE MASSACHUSETTS		PG 2/3				
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
7	Cupola	PT CO	None None	7.500		64 544					11.2	
8	No Data											
9	Cupola	PT CO	None None	2.400		20 174					5.8	
10	No Data											
11	No Data											
12	Cupola	PT CO	None None	0.450		4 33					1.1	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-3

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	I	INDUSTRY	Gray Iron	SIC	3321	STATE	MASSACHUSETTS	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
7	No Data							
8	No Data							
9	No Data							
10	No Data							
11	No Data							
12	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-3

## SOURCE SUMMARY - EXISTING SOURCES

REGION	I	INDUSTRY	Gray Iron	SIC	3321	STATE	MASSACHUSETTS			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
13	Chorlton Foundry Somerset	120/I, III	22	2121 <sup>5</sup>	2080	0059	00086 NO SIC			0.3	0
14	G&W Foundry Rehoboth	120/I, III	22	2121 <sup>5</sup>	1930	0052				14.0	0
15	North Attleboro Foundry North Attleboro	120/I, III	22	2121 <sup>5</sup>	1612	0043	00041 NO SIC			0.5	7 <sup>3</sup>
16	David & Furbur Machinery North Andover	121/I, III	22	1274 <sup>4</sup>	1606	0050				1.3	0
17	Graniteville Foundry Westford	121/I, III	22	1274 <sup>4</sup>	2463	0058	00098 NO SIC			2.1	0
18	Reid Foundry Amesbury	121/I, III	22	1274 <sup>4</sup>	0040	0002				0.4	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>5</sup> Listed as 0295 in CDS<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS<sup>4</sup> Listed as 1325 in CDS

TABLE 6.3-3

POINT EMISSIONS AND ALLOWABLES

REGION I		INDUSTRY Gray Iron		SIC 3321	STATE MASSACHUSETTS		PG 2/3					
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
13	Copula	PT CO	None None	0.275		2 20					1.2	
14	Cupola	PT CO	None None	14.000		119 1015					21.0	
15	Cupola	PT CO	None None	0.500		4 36					0.7	
16	Cupola	PT CO	None None	1.250		11 91					1.9	
17	Cupola	PT CO	None None	2.100		18 152					5.0	
18	Cupola	PT CO	None None	0.430		4 31					1.0	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-3

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	I	INDUSTRY	Gray Iron	SIC	3321	STATE	MASSACHUSETTS	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
13	No Data								
14	No Data								
15	Cupola	PT	001	7 <sup>1</sup>					03/01/75
16	No Data								
17	No Data								
18	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-4

SOURCE SUMMARY - EXISTING SOURCES

REGION	I	INDUSTRY	Gray Iron	SIC	3321	STATE	NEW HAMPSHIRE			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER	
1	Samuel Eastman Concord	121/I, III	30	0440	0120	0004					0
2	Kidder Machine Diver	121/I, III	30	0640	0160	0004					0
3	Moore Business Forms, Inc Dover	121/I, III	30	0640	0160	0004				1.8 <sup>2</sup>	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-4

## POINT EMISSIONS AND ALLOWABLES

REGION	I	INDUSTRY	Gray Iron	SIC	3321	STATE	NEW HAMPSHIRE	PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY		SIP ALLOWABLES				
					POTENTIAL		ACTUAL	DESIGN		OPER	
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY
1	No Data										
2	No Data										
3	No Data										

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-4

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	I	INDUSTRY	Gray Iron	SIC	3321	STATE	NEW HAMPSHIRE	PG 3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	No Data								
2	No Data								
3	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-5

## SOURCE SUMMARY - EXISTING SOURCES

REGION	I	INDUSTRY	Gray Iron	SIC	3321	STATE	RHODE ISLAND			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	Brayton Foundry <sup>5</sup> W. Warwick	120/I, III	41	0140	0420	0014					9
2	Brown & Sharp Providence	120/I, III	41	0320	0300	0032				6.4	0
3	Cumberland Foundry Woonsocket	120/I, III	41	0320	0105	0049	00049			1.9	7 <sup>3</sup>
4	Fairmount Foundry Woonsocket	120/I, III	41	0320	0460	0051	00051			1.5	7 <sup>3</sup>
5	Grinnell Corp Cranston	120/I, III	41	0320	0100	0007	00007			48.0	7 <sup>4</sup>
6	Narragansett Foundry Smithfield	120/I, III	41	0320	0335	0048	00048			7.0	7 <sup>3</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS<sup>4</sup> Listed as 0 in CDS<sup>5</sup> NEDS Indicates Plant Shutdown

TABLE 6.3-5

POINT EMISSIONS AND ALLOWABLES

REGION	I	INDUSTRY	Gray Iron		SIC	3321	STATE	RHODE ISLAND		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
1	No Data											
2	Cupola	PT	CYCL 85.2%	6.39		54.3					6.37	
		CO	None			463.0						
3	Cupola	PT	None	1.86		15.8					2.75	
		CO	None			135.0						
4	Cupola	PT	None	1.53		13.0					1.71	
		CO	None	1.53		111.0						
5	Elec Ind Fce	PT	None	48.00		36.0					47.80	
6	Cupola	PT	WS 53.3%	7.00		59.5					8.48	
		CO	None			508.0						

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-5

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	T	INDUSTRY	Gray Iron	SIC	3321	STATE	RHODE ISLAND	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	No Data								
2	No Data								
3	Cupola	PT	001	7 <sup>1</sup>	05/31/74	08/31/74		05/31/75	05/31/75
4	Elec. Ind. Furn.		003	7 <sup>1</sup>				05/31/75	05/31/75
5	Elec. Ind. Furn. Elec. Ind. Furn.	PT PT	002 003	7 <sup>2</sup>	07/01/74	08/01/74		05/31/75	05/31/75
6	Cupola Cupola	PT PT	001 002	7 <sup>1</sup> 7 <sup>1</sup>		03/01/74	07/01/74	12/01/74	01/01/75

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-5

## SOURCE SUMMARY - EXISTING SOURCES

REGION	I	INDUSTRY	Gray Iron	SIC	3321	STATE	RHODE ISLAND			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
7	Seaboard Foundry Johnston	120/I, III	41	0320	0137	0017	00017			2.4	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-5

## POINT EMISSIONS AND ALLOWABLES

REGION	I	INDUSTRY	Gray Iron		SIC	3321	STATE	RHODE ISLAND		PG 2/3				
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY						SIP ALLOWABLES			
					EMISSIONS - TPY		POTENTIAL	DESIGN	OPER <sup>1</sup>	ACTUAL	DESIGN		OPER	
					DESIGN	OPER <sup>1</sup>					PPH	TPY	PPH	TPY <sup>1</sup>
7	Cupola	PT CO	WS 50.0% None	2.40			20.4 174.0							5.1

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-5

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	I	INDUSTRY	Gray Iron	SIC	3321	STATE	RHODE ISLAND	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
7	Cupola Cupola	PT PT	ALL 002	4 0				

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-6

## SOURCE SUMMARY - EXISTING SOURCES

REGION	I	INDUSTRY	Gray Iron	SIC	3321	STATE	VERMONT			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	Patchwegner Co Rutland	159/II, III	47	0420	0400	0014				0.8	0
2	Smith, Witcomb & Cook Barre	221/II, III	47	0500	0040	0001				0.7	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-6

POINT EMISSIONS AND ALLOWABLES

REGION <u>I</u>		INDUSTRY <u>Gray Iron</u>		SIC <u>3321</u>	STATE <u>VERMONT</u>		PG 2/3							
REFERENCE NUMBER	POINT SOURCE DESCRIPTION	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY	NEDS POINT SOURCE OPER RATE KTPY	Emissions - TPY						SIP Allowables			
					EMISSIONS - TPY		ACTUAL	DESIGN		OPER				
					POTENTIAL	DESIGN		OPER			PPH	TPY	PPH	TPY
1	Cupola	PT CO	None None	0.800				7 58						0.9
2	Cupola	PT CO	None None	0.720				6 52						2.0

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-6

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	I	INDUSTRY	Gray Iron	SIC	3321	STATE	VERMONT	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	No Data								
2	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

**RADIAN**  
**CORPORATION**

REGION II  
TABLES 6.3-7 TO 6.3-9

TABLE 6.3-7

## SOURCE SUMMARY - EXISTING SOURCES

REGION	<u>II</u>	INDUSTRY	Gray Iron	SIC	3321	STATE	NEW JERSEY			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	ABEX Corporation Mahwah	043/I,I	31	0300	0300	0001	00002			24.0	1
2	Campbell Foundry Harrison	043/I,I	31	2240	2000	0002	00006			18.0	0
3	International Smelting Perth Amboy	043/I,I	31	3060	4220	0022	00041 SIC 3331			0.5	1
4	Laytham Foundry Paterson	043/I,I	31	4120	4140	0008	00009				0
5	Wood Industries Plainfield	043/I,I	31	5440	4300	0005	00007			1.0	0
6	U.S. Pipe & Foundry Burlington	045/I,I	31	0660	0640	0008	00006			200.0	0

FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-7

## POINT EMISSIONS AND ALLOWABLES

REGION	IT	INDUSTRY	Gray Iron		SIC	3321	STATE	NEW JERSEY		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER		
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
1	Cupola	PT CO	Cycl None	24.0			204.0 1740.0	49			15.6	
2	Cupola	PT CO	Cycl None	18.0	153 1305		153.0 1305.0	69			21.6	
3	Cupola	PT CO	None None	0.482			4.0 35.0	3			0.2	
4	No Data											
5	Cupola	PT CO	WS None	1.030			9.0 75.0	2			0.4	
6	Cupola	PT CO	WS None	200.0			1700.0 14500.0	240			21.4	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-7

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	II	INDUSTRY	Gray Iron	SIC	3321	STATE	NEW JERSEY	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	Cupola Mould Sand Mould Sand Mould Sand Mould Sand	PT	004	7 <sup>1</sup>		SCHEDULE EXPIRED BEFORE 1975			
		PT	005	7 <sup>1</sup>		DO			
		PT	006	7 <sup>1</sup>		DO			
		PT	007	7 <sup>1</sup>		DO			
		PT	009	7 <sup>1</sup>		DO			
2	Cupola Cupola	PT	001	7 <sup>2</sup>		SCHEDULE EXPIRED BEFORE 1975			
		CO	002	7 <sup>2</sup>		DO			
3	No Data								
4	Cupola Cupola	PT	001	7 <sup>2</sup>		SCHEDULE EXPIRED BEFORE 1975			
		PT	006	7 <sup>2</sup>		DO			
5	Cupola	PT	001	7 <sup>2</sup>		SCHEDULE EXPIRED BEFORE 1975			
6	Cupola	PT	001	7 <sup>2</sup>		SCHEDULE EXPIRED BEFORE 1975			

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-7

## SOURCE SUMMARY - EXISTING SOURCES

REGION	II	INDUSTRY	Gray Iron	SIC	3321	STATE	NEW JERSEY			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
7	Canron Inc Phillipsburg	151/I, III	31	5660	4240	0004	00004			100.0	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-7

## POINT EMISSIONS AND ALLOWABLES

REGION	II	INDUSTRY	Gray Iron		SIC	3321	STATE	NEW JERSEY		PG 2/3				
REFERENCE NUMBER	POINT SOURCE DESCRIPTION	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY	NEDS POINT SOURCE OPER RATE KTPY	EMISSIONS - TPY						SIP ALLOWABLES			
					EMISSIONS - TPY		DESIGN	OPER	ACTUAL	DESIGN		OPER		
					POTENTIAL					PPH	TPY	PPH	TPY	
7	Cupola	PT CO	WS None	100.0			850	7250	68				14.2	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-7

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	II	INDUSTRY	Gray Iron	SIC	3321	STATE	NEW JERSEY	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
7	Cupola Cupola Cupola	PT S2 N2	006 008 009	7 <sup>2</sup> 7 <sup>2</sup> 7 <sup>2</sup>		SCHEDULE EXPIRED BEFORE 1975 DO DO		

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-8

SOURCE SUMMARY - EXISTING SOURCES

REGION	<u>II</u>	INDUSTRY	Gray Iron	SIC	3321	STATE	NEW YORK			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER	
1	Taylor & Co Brooklyn	043/I, I	33	3440			00007 NO SIC				4
2	International Nickel New York	043/I, I	33	4660	4680						0
3	G.E. Co Schenectady	161/I, III	33	6040	6020		00002 SIC 3621				0
4	Amherst Foundry Buffalo	162/I, III	33	2000	0660		00022 NO SIC				0
5	Central Foundry Tonawanda	162/I, III	33	2000	6760		00045 NO SIC				0
6	Pohlrian Foundry Buffalo	162/I, III	33	2000	0660		00089 NO SIC				0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-8

POINT EMISSIONS AND ALLOWABLES

REGION <u>II</u>		INDUSTRY	Gray Iron		SIC	3321	STATE	NEW YORK		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY	NEDS POINT SOURCE OPER RATE KTPY	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL	DESIGN		OPER			
					DESIGN	OPER		PPH	TPY	PPH	TPY		
1	No Data												
2	No Data												
3	No Data												
4	No Data												
5	No Data												
6	No Data												

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-8

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	II	INDUSTRY	Gray Iron	SIC	3321	STATE	NEW YORK	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1			ALL	4					
2	No Data								
3	No Data								
4	No Data								
5	No Data								
6	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-8

SOURCE SUMMARY - EXISTING SOURCES

REGION	II	INDUSTRY	Gray Iron	SIC	3321	STATE	NEW YORK	PG 1/3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>2</sup>	OPER	
7	Washington Fillmore Iron Works Buffalo	162/I, III	33	2000	0660				0.2		0
8	Worthington-CEI Buffalo	162/I, III	33	2000	0660				12.0		0
9	Tioga Foundry Owego	163/II, III	33	6700	5280				6.0		0
10	G.E. Co Elmira	164/II, III	33	1060	1880		00002 NO SIC				1
11	Ingersoll-Rand Painted Post	164/II, III	33	6500	5300		00016 NO SIC				0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-8

## POINT EMISSIONS AND ALLOWABLES

REGION	II	INDUSTRY	Gray Iron	SIC	3321	STATE	NEW YORK	PG 2/3				
REFERENCE NUMBER	POINT SOURCE DESCRIPTION	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY	NEDS POINT SOURCE OPER RATE KTPY					SIP ALLOWABLES			
					EMISSIONS - TPY			DESIGN		OPER		
					POTENTIAL	DESIGN	OPER	ACTUAL	PPH	TPY	PPH	- TPY
7	No Data											
8	No Data											
9	No Data											
10	No Data											
11	No Data											

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-8

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	II	INDUSTRY	Gray Iron	SIC	3321	STATE	NEW YORK	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
7	No Data								
8	No Data								
9	No Data								
10	No Data								
11	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-9

## SOURCE SUMMARY - EXISTING SOURCES

REGION	<u>II</u>	INDUSTRY	Gray Iron	SIC	3321	STATE	PUERTO RICO			PG 1/3		
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		COMPLIANCE STATUS	
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	Fundicion Rivero Carr 887 KMO. 7	244	40	0540			0002	00003			2.6	1
2	Ind Siderurgica Las Palmas	244	40	0580	0560	0001	00001	SIC 3312			45.0	1
3	P R Iron Works Ponce	244	40	1940	1920	0013	00018					0
4	Fundicion Cubano Cantera	244	40	2160	2140	0005	00011				3.9	1

FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-9

POINT EMISSIONS AND ALLOWABLES

REGION	II	INDUSTRY	Gray Iron		SIC	3321	STATE	PUERTO RICO		PG 2/3					
REFERENCE NUMBER	POINT SOURCE DESCRIPTION	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY	NEDS POINT SOURCE OPER RATE KTPY	EMISSIONS - TPY						SIP ALLOWABLES				
					POTENTIAL		ACTUAL	DESIGN		OPER		DESIGN		OPER	
					DESIGN	OPER		PPH	TPY	PPH	TPY	PPH	TPY		
1	Reverb Fnc	PT CO	None None	2.600		3								4.7	
2	Elect Arc Fce	PT CO	None None	45.0		146								40	
3	Cupola	PT CO	None None												
4	Reverb Fnc	PT CO	None None	3,910		4								6.0	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-9

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IT	INDUSTRY	Gray Iron	SIC	3321	STATE	PUERTO RICO	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	No Data								
2	No Data								
3	No Data								
4	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

**RADIAN**  
**CORPORATION**

REGION III  
TABLES 6.3-10 TO 6.3-14

TABLE 6.3-10

## SOURCE SUMMARY - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	DELAWARE			PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY	
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER 1
1	Layman Machine Co Wilmington	045/I,I	08	0180	0260	0062			0.4	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-10

## POINT EMISSIONS AND ALLOWABLES

REGION	III	INDUSTRY	Gray Iron		SIC	3321	STATE	DELAWARE		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL	DESIGN		OPER			
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY		
1	Cupola	PT CO	None None	.438		3.72 31.8						.390	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-10

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	DELAWARE	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
1	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-11

SOURCE SUMMARY - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	MARYLAND			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	Frederick Iron and Steel Frederick	112/II, III	21	0740	0720	0005	00005			5.9	4
2	Abex Corporation Baltimore	115/I,I	21	0120	0120	0041	00041			35.1	7 <sup>3</sup>
3	Flynn & Emrich Baltimore	115/I,I	21	0120	0120	0030	00030			12.7	0
4	Flynn & Emrich Co Baltimore	115/I,I	21	0120	0120		00102				7 <sup>4</sup>
5	James J. Lacy Baltimore	115/I,I	21	0120	0120	0015	00015			1.1	7 <sup>4</sup>
6	Koppers Co Inc Baltimore	115/I,I	21	0120	0120	0031	00031 SIC 3599			0.3	4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS<sup>4</sup> Listed as 0 in CDS

TABLE 6.3-11

POINT EMISSIONS AND ALLOWABLES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	MARYLAND	PG 2/3				
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>								
					EMISSIONS - TPY			SIP ALLOWABLES				
					POTENTIAL	ACTUAL	DESIGN	DESIGN	OPER	OPER		
						DESIGN	OPER <sup>1</sup>	ACTUAL	PPH	TPY	PPH	TPY
1	Cupola	PT CO	None None	5.850		50 424						8.2
2	Cupola	PT CO	None None	35.100		298 2545						10.4
3	Cupola	PT CO	None None	12.700		108 921						3.3
4	No Data											
5	Cupola	PT CO	None None	1.100		9 80						0.3
6	Cupola	PT CO	None None	0.33		3 26						0.1

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-11

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	MARYLAND	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1			ALL	4					
2		PT	010	7 <sup>1</sup>		SCHEDULE EXPIRED BEFORE 1975			
3	No Data								
4	Cupola Cupola	PT PT	010 015	7 <sup>2</sup> 7 <sup>2</sup>			10/01/75 10/01/75		
5	Cupola	PT	010	7 <sup>2</sup>			12/31/75		
6			ALL	4					

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-11

SOURCE SUMMARY - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	3321	STATE	MARYLAND			PG 1/3		
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS	
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER 1	
7	Bethlehem Steel Sparrows Point	115/I,I	21	0140			0022	00038 SIC 3312			3.5	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-11 POINT EMISSIONS AND ALLOWABLES

REGION <u>III</u>		INDUSTRY	<u>Gray Iron</u>		SIC	<u>3321</u>	STATE	<u>MARYLAND</u>		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE <sup>1</sup> KTPY	EMISSIONS - TPY				SIP ALLOWABLES			
					EMISSIONS - TPY		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
7	Cupola	PT CO	None None	3.540		30 257					0.9	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-11

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	MARYLAND	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
7	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-12

SOURCE SUMMARY - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
1	Buffalo Pipe & Foundry Quakertown	045/I,I	39	1200			00045				4
2	Central Foundry Quakertown	045/I,I	39	1200	7560						0
3	Beloit Corp Downington	045/I,I	39	1660			00030				0
4	Deloit Corp Downington	045/I,I	39	1660	2460	0017	00017			100.0	0
5	Seamless-Modena Fdry Modena	045/I,I	39	1660			00020				0
6	Spring City Foundry Co Spring City	045/I,I	39	1660	8520	0002	00002		24.0	20.0	4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

## POINT EMISSIONS AND ALLOWABLES

REGION <u>III</u>		INDUSTRY	Gray Iron		SIC	<u>3321</u>	STATE	PENNSYLVANIA		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL	DESIGN		DESIGN		OPER	
					DESIGN	OPER <sup>2</sup>		PPH	TPY	PPH	TPY		
1	No Data												
2	No Data												
3	No Data												
4	Cupola	PT CO	BH 99.0% None	100				850		21.0			
5	No Data							7250					
6	Cupola	PT CO	None None	20	204	1740		170	1450		11.7	11.7	10.8

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1			ALL	4					
2	No Data								
3	Cupola	PT	010			SCHEDULE	EXPIRED BEFORE 1975		
4	Cupola	PT	010	0					
5	Cupola	PT	010	0		SCHEDULE	EXPIRED BEFORE 1975		
6			ALL	4					

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-12

## SOURCE SUMMARY - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA				PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
7	Keystone Grey-Iron Foundry Co Pottstown	045/I,I	39	6000	7480	0019	00019		20.4	14.4	4
8	Royersford Foundry Royersford	045/I,I	39	6000	7880	0021	00021			9.6	4
9	Bonair Foundry Philadelphia	045/I,I	39	7160	7140	3045	00063		17.3	1.9	0
10	Enderlein Co, H.G. Philadelphia	045/I,I	39	7160	7140	3378	00065		3.5	1.0	0
11	Globe Enterprises Philadelphia	045/I,I	39	7160	7140	3378	00065		3.5	1.0	0
12	Perseverance Iron Foundry Philadelphia	045/I,I	39	7160	7140	3237			0.2	0.2	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

## POINT EMISSIONS AND ALLOWABLES

REGION	III	INDUSTRY	Gray Iron		SIC	3321	STATE	PENNSYLVANIA		PG 2/3					
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	Emissions - TPY						SIP Allowables				
					POTENTIAL		ACTUAL	DESIGN		OPER <sup>1</sup>		DESIGN		OPER	
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	PPH	TPY	PPH	TPY
7	Cupola	PT CO	None None	14.4	173 1480	122 1040		10.0	12.0					10.4	
8	Cupola	PT CO	None None	9.6		81.6 696								7.68	
9	Reverb	PT CO	None None	1.92	17.3	1.92		15.0	14.4					3.97	
10	Reverb	PT CO	None None	1.01	3.52	1.01		5.9	5.19					2.64	
11	Cupola	PT CO	BH 99.0% None	.260	2.21 18.9	2.21 18.9	.0221 18.9	1.03	1.07					1.07	
12	Reverb	PT CO	None None	.233	.218	.223		.93	.91					.93	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
7			ALL	4					
8			ALL	4					
9	No Data								
10	No Data								
11	No Data								
12	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-12

SOURCE SUMMARY - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT.CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN 1	OPER 1	
13	Birdsboro Castings Union	151/I, III	39	0720	0800	0013	00013		5.0	4.0	4
14	Confer Smith & Co, Inc Hamburg	151/I, III	39	0720	3820	0012	00045		14.0	14.0	4
15	Fairmount Foundry, Inc Folcroft	151/I, III	39	0720	3820	0009	00009		14.1	14.1	4
16	Hamburg Plow Works, Inc Hamburg	151/I, III	39	0720	3820		00046				4
17	Kutztown Foundry Kutztown	151/I, III	39	0720	4620	0044	00044		78.0	90.0	6
18	North American Rockwell Wyomissing	151/I, III	39	0720	9540	0036	00102		271.0	68.6	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

## POINT EMISSIONS AND ALLOWABLES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	<u>3321</u>	STATE	PENNSYLVANIA	PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>						
					EMISSIONS - TPY			SIP ALLOWABLES		
					POTENTIAL	ACTUAL	DESIGN		OPER	
					DESIGN		PPH	TPY	PPH	TPY
13	Cupola	PT CO	None None	4.0	42.5 363	34.0 290		9.2	9.2	8.4
14	Cupola	PT CO	None None	14.0	119 1015	119 1015		9.3	9.3	9.3
15	Cupola	PT CO	None None	14.1	120 1020	120 1020		9.8	8.62	8.62
16	No Data									
17	Cupola #1	PT CO	None None	36.0	265 2260	306 2610		11.6	15.1	15.9
	Cupola #2	PT CO	None None	54.0	398 3390	459 3920		13.6	17.7	18.7
18	Cupola	PT CO	CYCL 84.0% None	68.6	2300 19600	583 4970		19.5	60.8	34.9

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
13			ALL	4					
14			ALL	4					
15			ALL	4					
16			ALL	4					
17	Cupola Cupola	PT PT	010 020	6 6					
18	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-12

## SOURCE SUMMARY - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG 1/3				
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS	
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
19	Reading Gray Iron Reading	151/I, III	39	0720	7620	0019	00019 NO SIC			22.1	18.4	4
20	Sinking Spring Foundry Sinking Spring	151/I, III	39	0720	8270	0039	00039			51.8	42.2	7 <sup>4</sup>
21	Unicast, Div of Berkmont Ind Boyertown	151/I, III	39	0720	0920	0014	00014			19.2	15.4	7 <sup>4</sup>
22	Athens Foundry Athens	151/I, III	39	1000	0380		00003 SIC 3323					4
23	Weatherly Foundry Weatherly	151/I, III	39	1380			00004					4
24	Carbondale Grate Bar Dunmore	151/I, III	39	4640			00017					4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

## POINT EMISSIONS AND ALLOWABLES

REGION	<u>III</u>	INDUSTRY	Gray Iron		SIC	<u>3321</u>	STATE	PENNSYLVANIA		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					EMISSIONS - TPY		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
19	Cupola	PT	WS 82.4%	18.4	188	156		11.5	10.6		9.84	
		CO	None		1600	1330						
20	Cupola	PT	WS 60.0%	42.2	440	359	67	11.1	21.3		19.6	
		CO	None		3760	3060						
21	Cupola	PT	WS 95.0%	15.4	163	131	12	10.8	10.4		9.4	
		CO	None		1390	1120						
22	No Data											
23	No Data											
24	No Data											

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	<u>3321</u>	STATE	PENNSYLVANIA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
19			ALL	4					
20	Cupola S. Mold S. Mold	PT	010	7 <sup>2</sup>		SCHEDULE	EXPIRED BEFORE 1975		
		PT	020	7 <sup>2</sup>			DO		
		PT	030	7 <sup>2</sup>			DO		
21	Cupola	PT	010	7 <sup>2</sup>					
22			ALL	4					
23			ALL	4					
24			ALL	4					

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-12

## SOURCE SUMMARY - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
25	Miles Foundry Clarks Summit	151/I, 1 III	39	4640			00019				7 <sup>4</sup>
26	Penn Bros Foundry Scranton	151/I, III	39	4640			00020				4
27	Weatherly Foundry & Mfg Co Weatherly	151/I, III	39	4640	9250	0001	00001		64.7	60.7	0
28	East Pennsylvania Macungie	151/I III	39	4940			00021				7 <sup>3</sup>
29	Emmaus Foundry & Machine Co, Div of Gen Mach Corp, Emmaus	151/I, III	39	4940	2980		00018				7 <sup>4</sup>
30	Pennebaker Co Allentown	151/I, III	39	4940		0013	00013 SIC 3295			4.3	4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

## POINT EMISSIONS AND ALLOWABLES

REGION	<u>III</u>	INDUSTRY	Gray Iron		SIC	<u>3321</u>	STATE	PENNSYLVANIA		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN	OPER <sup>1</sup>	DESIGN	OPER	
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
25	No Data											
26	No Data											
27	Cupola	PT	None	13.7	117	117		9.8	19.2		19.2	
	Cupola	CO	None		995	995						
		PT	None	39.2	333	333		10.7	21.0		21.0	
		CO	None		2940	2840						
	Elec Ind Fce	PT	None	7.84	8.82	5.88		9.9	19.4		16.5	
28	No Data											
29	No Data											
30	Cupola	PT	None	4.32		37					3.13	
		CO	None			313						

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
25	No Data							
26			ALL	4				
27	No Data							
28	Cupola	PT	010	7 <sup>1</sup>	SCHEDULE	EXPIRED BEFORE 1975		
29	Cupola	PT	010	5	SCHEDULE	EXPIRED BEFORE 1975		
30			ALL	4				

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-12

## SOURCE SUMMARY - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG 1/3				
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS	
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
31	Samuel Klein Corp Alburtis	151/I, III	39	4940								0
32	Barrett Haentjens Co Hazelton	151/I, III	39	5220	3960	0002	00002		19.4	18.4	7 <sup>4</sup>	
33	Union Foundries, Inc West Wyoming	151/I, III	39	5220	9390		00010					0
34	Kulp Foundry, Inc East Stroudsburg	151/I, III	39	5960	2760		00005					4
35	Bethlehem Steel Corp Bethlehem	151/I, III	39	6580	0780	0021	00020 SIC 3281		3.0	3.4	7 <sup>4</sup>	
36	Bethlehem Corp #2 Bethlehem	151/I	39	6580			00043					4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

POINT EMISSIONS AND ALLOWABLES

REGION	III	INDUSTRY	Gray Iron		SIC	3321	STATE	PENNSYLVANIA		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					EMISSIONS - TPY		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
31	No Data											
32	Cupola	PT CO	None None	18.4	165 1410	156 1330		11.8	25.5		24.8	
33	No Data											
34	No Data											
35	Cupola	PT CO	None None	3.38	25.3 216	28.7 245		9.9	1.80		1.86	
36	No Data											

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
31	No Data								
32	No Data								
33	Foundry	PT	010	0		SCHEDULE	EXPIRED BEFORE 1975		
34			ALL	4					
35	No Data								
36			ALL	4					

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-12

SOURCE SUMMARY - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG 1/3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
37	Dieters Foundry Cherryville	151/I, III	39	6580		00025					7
38	Watsontown Foundry Watsontown	151/I, III	39	6580	9215	00026					0
39	Leed Foundry St. Clair	151/I, III	39	7960	7900	0008	00008		10.2	8.2	4
40	Hallstead Foundry Hallstead	151/I, III	39	8800		00001 NO SIC					7 <sup>4</sup>
41	Halstead Foundry, Inc Halstead	151/I III	39	8800		00002 NO SIC					0
42	Cowanesque Vly In Wr Cowanesque	151/I	39	9000		00005					4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

## POINT EMISSIONS AND ALLOWABLES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>						
					EMISSIONS - TPY			SIP ALLOWABLES		
					POTENTIAL	ACTUAL	DESIGN		OPER	
					DESIGN		PPH	TPY	PPH	TPY
37	No Data									
38	No Data									
39	Cupola	PT	WS 99.0% None	8.16	86.7	69.4	12.0	12.2	11.3	
40	No Data				740	592	12.0	12.2	11.3	
41	No Data									
42	No Data									

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
37	Cupola	PT	010	7 <sup>2</sup>		SCHEDULE	EXPIRED BEFORE 1975		
38	Cupola	PT	010	0		SCHEDULE	EXPIRED BEFORE 1975		
39			ALL	4					
40	Cupola	PT	010	7 <sup>2</sup>		SCHEDULE	EXPIRED BEFORE 1975		
41	Cupola	PT	010	5		SCHEDULE	EXPIRED BEFORE 1975		
42			ALL	4					

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-12

## SOURCE SUMMARY - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	<u>3321</u>	STATE	PENNSYLVANIA	PG 1/3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	
43	J.P. Ward Foundries Blossburg	151/I, III	39	9000			00004				7 <sup>3</sup>
44	Osborn Machine Company Dubois	178/I, III	39	1820	2520		00007				7 <sup>4</sup>
45	Dayton Mall Iron Meadville	178/I, III	39	2140	5580		00006				7 <sup>4</sup>
46	Chicago Pneumtc Tool Franklin	178/I, III	39	3080			00043				0
47	Erie Castings Co Erie	178/I, III	39	3080			00012				4
48	Erie Malleable Iron Co Erie	178/I, III	39	3080	3060		00052 SIC 3322				4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

POINT EMISSIONS AND ALLOWABLES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>							
					EMISSIONS - TPY			SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN	OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY
43	No Data										
44	No Data										
45	No Data										
46	No Data										
47	No Data										
48	No Data										

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
43	Cupola	PT	010	7 <sup>1</sup>		SCHEDULE EXPIRED BEFORE 1975			
44	Cupola	PT	010	7 <sup>2</sup>		SCHEDULE EXPIRED BEFORE 1975			
45	Cupola	PT	010	7 <sup>2</sup>		SCHEDULE EXPIRED BEFORE 1975			
46	No Data								
47			ALL	4					
48			ALL	4					

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-12

## SOURCE SUMMARY - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
49	Lake Erie Foundry Girard	178/I, III	39	3080			00068				4
50	Urick Foundry Co Erie	178/I, III	39	3080	3060						0
51	Weil-McLain Co, Inc. Erie	178/I, III	39	3080			00022				4
52	New Castle Foundry New Castle	178/I, III	39	4840	6440		00010 SIC 3322				4
53	Mt Jewett Foundry Mt Jewett	178/I, III	39	5360			00007				4
54	Cooper Bessemer Co Grove City	178/I, III	39	5660			00017				7 <sup>3</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

POINT EMISSIONS AND ALLOWABLES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>						
					EMISSIONS - TPY			SIP ALLOWABLES		
					POTENTIAL		ACTUAL	DESIGN	OPER	DESIGN
DESIGN	OPER <sup>1</sup>	ACTUAL	PPH	TPY	PPH	TPY				
49	No Data									
50	No Data									
51	No Data									
52	No Data									
53	No Data									
54	No Data									

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

**TABLE 6.3-12**      **POINT COMPLIANCE STATUS - EXISTING SOURCES**

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
49			ALL	4					
50	No Data		ALL	4					
51			ALL	4					
52			ALL	4					
53			ALL	4		SCHEDULE EXPIRED BEFORE 1975			
54	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS

<sup>2</sup> Listed as 0 in CDS

<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-12

SOURCE SUMMARY - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG 1/3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
55	Chicago Pneumtc Tool Franklin	178/I, III	39	9140			00012				7 <sup>3</sup>
56	McLanahan Corp Holidaysburg	195/I, III	39	0820			00010				4
57	South Fork Foundry South Fort	195/I, III	39	1300			00018				0
58	Benton Foundry #5 Benton	195/I, III	39	1960		0001	00001			4.2	4
59	S&B Foundry Bloomsburg	195/I, III	39	1960	0880	0002	00002		5.8	5.8	4
60	Sprout, Waldron & Co Muncy	195/I, III	39	5240	6240	0007	00007 SIC 3559		9.6	9.6	4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

## POINT EMISSIONS AND ALLOWABLES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	<u>3321</u>	STATE					PG 2/3
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY			SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER	
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY
55	No Data										
56	No Data										
57	No Data										
58	Cupola	PT CO	None None	4.16		35 302					2.55
59	Cupola	PT CO	None None	5.82	50 422	50 422		9.7	10.1		10.1
60	Cupola	PT CO	None None	9.6	82 696	82 696		8.7	6.96		6.96

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	<u>3321</u>	STATE	PENNSYLVANIA	PG 3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
55	No Data								
56			ALL	4					
57	Cupola	PT	010	0	SCHEDULE	EXPIRED BEFORE 1975			
58			ALL	4					
59			ALL	4					
60			ALL	4					

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-12

SOURCE SUMMARY - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT.CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
61	Williamsport Foundry Williamsport	195/I, III	39	5240	9470	0001	00001		16.0	12.0	4
62	New Hlnd Div Spy Rnd Belleville	195/I, III	39	5760			00012				4
63	Watsontown Foundry Watsontown	195/I, III	39	6020	9215	0001	00001			19.2	7 <sup>b</sup>
64	Watsontown Foundry Watsontown	195/I, III	39	6700	9215		00012				4
65	Somerset Foundry	195/I, III	39	8360	8340	0001	00001 NO SIC		3.7	2.2	4
66	Littlestown Hardware & Foundry Co Littlestown	196/I, III	39	0040	5080	0003	00003		5.0	2.3	7 <sup>b</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

## POINT EMISSIONS AND ALLOWABLES

REGION	III	INDUSTRY	Gray Iron		SIC	3321	STATE	PENNSYLVANIA		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
61	Cupola	PT CO	None None	12.0	136 1160	102 870		11.2	22.4		19.8	
62	No Data											
63	Cupola	PT CO	None None	19.2	163 1390	163 1390		8.7	13.9		13.9	
64	No Data											
65	Cupola #1	PT CO	None None	.732	12.5 107	6 53		8.3	3.05		2.32	
	Cupola #2	Pt CO	None None	1.46	18.8 160	12 106		9.9	3.64		3.05	
66	Cupola	PT CO	None None	2.25	42.5 363	19 163		10.7	2.68		2.95	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
61			ALL	4					
62			ALL	4					
63	No Data								
64			ALL	4					
65			ALL	4					
66	Cupola Cupola Cupola Cupola	PT CO PT PT	010 011 030 040	5 5 5 5	SCHEDULE	EXPIRED BEFORE 1975 DO DO DO			

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-12

SOURCE SUMMARY - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	<u>3321</u>	STATE	PENNSYLVANIA	PG 1/3				
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS	
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
67	Kutztown Foundry & Machine Kutztown	196/I, III	39	0720	4620		00044					0
68	Frick Co Waynesboro	196/I, III	39	3480	9230	0009	00009		16.0	12.0	4	
69	Landis Tool Co Waynesboro	196/I, III	39	3480	9230	0008	00008		65.6	51.5	4	
70	T.B. Woods Sons Chambersburg	196/I, III	39	3480	1540	0007	00007		16.0	14.0	7 <sup>4</sup>	
71	Bond Foundry & Machine Manheim	196/I, III	39	4700	5460	0001	00001		5.3	3.9	4	
72	Buck Co, Inc Quarryville	196/I, III	39	4700		0005	00033		33.6	22.4	7 <sup>4</sup>	

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

## POINT EMISSIONS AND ALLOWABLES

REGION	III	INDUSTRY	Gray Iron		SIC	3321	STATE	PENNSYLVANIA		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
67	No Data											
68	Cupola	PT CO	None None	12.0	136 1160	102 870		9.8	9.8		8.7	
69	Cupola	PT CO	None None	51.5	557 4750	438 3730		12.3	28.8		26.2	
70	Cupola #1	PT CO	None None	7.0	68 580	60 508		10.7	4.28		4.00	
	Cupola #2	PT CO	None None	7.0	68 580	60 508		10.7	4.28		4.00	
71	Cupola	PT CO	None None	3.87	45 383	33 281		9.9	8.7		7.7	
72	Cupola	PT CO	None None	11.2	122 1044	114 812		10.2	8.16		7.44	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

## POINT EMISSIONS AND ALLOWABLES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG 2/3				
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER <sup>1</sup>		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
72 cont	Reverb Fce	PT CO	None None	11.2	19	11		11.7	9.36		7.44	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG 3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
67	Cupola	PT	010	0			DO	
68			ALL	4				
69			ALL	4				
70	Cupola Cupola	PT PT	010 020	5 5		SCHEDULE EXPIRED BEFORE 1975	DO	
71			ALL	4				
72	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-12

## SOURCE SUMMARY - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG 1/3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT.CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
73	Emhart Corp - Hdwe Div Lancaster City	196/I, III	39	4700	4660	0017	00050		1.0	1.0	4
74	Ephrata Mfg Co Ephrata	196/I, III	39	4700	3040	0016	00016		13.4	11.7	4
75	Grey Iron Castings Co Mt Joy	196/I, III	39	4700	6120	0015	000015		10.0	8.0	4
76	Oregon Castings Co, Inc Lititz	196/I, III	39	4700	5060	0007	00087 NO SIC		15.0	11.6	4
77	Riverside Foundry Wrightsville	196/I, III	39	4700	9518		00042				4
78	Wilton Brass Co Mt Joy	196/I, III	39	4700	6120	0006	00006		7.8	7.8	4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

POINT EMISSIONS AND ALLOWABLES

REGION	III	INDUSTRY	Gray Iron		SIC	3321	STATE	PENNSYLVANIA		PG 2/3					
REFERENCE NUMBER	POINT SOURCE DESCRIPTION	POLUTANT	CONTROL EQUIPMENT-EFFICIENCY	NEDS POINT SOURCE OPER RATE KTPY	Emissions - TPY						SIP ALLOWABLES				
					POTENTIAL		ACTUAL	DESIGN		OPER		DESIGN		OPER	
								PPH	TPY	PPH	TPY				
73	Cupola	PT CO	None None	.962	9 73	8 70				4.5	4.68			4.52	
74	Cupola	PT CO	None None	11.7	114 972	99 846				9.3	8.93			8.35	
75	Cupola	PT CO	None None	8.0	85 725	68 580				8.0	8.0			11.2	
76	Cupola	PT CO	None None	10.0	111 943	85 725				9.0	9.0			8.0	
	Reverb Fee	PT CO	BH-70% None	1.6	2	1.6				6.3	6.3			5.7	
77	No Data														
78	Cupola	PT CO	None None	7.84	67 568	67				11.2	11.0			11.0	

FOOTNOTES

<sup>1</sup> NEDS data

<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	<u>3321</u>	STATE	PENNSYLVANIA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
73			ALL	4					
74			ALL	4					
75			ALL	4					
76			ALL	4					
77			ALL	4					
78			ALL	4					

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-12

SOURCE SUMMARY - EXISTING SOURCES

REGION III		INDUSTRY Gray Iron		SIC	3321		STATE	PENNSYLVANIA		PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
79	Industrial Casting Co Myerstown	196/I, III	39	4900	6280	0002	00009		10.6	9.6	7
80	Wash St Brass & Iron Lebanon	196/I, III	39	4900	4880		00008				4
81	Penn-Mar Foundries Hanover	196/I, III	39	9570	3840	0005	00005 SIC 3322		17.5	17.4	5
82	Riverside Foundry Co., Inc Wrightsville	196/I	39	9570	9518	0001	00001		14.0	10.0	0
83	Abrasive Metals Co Pittsburgh	197/I,I	39	0100	7260		00138				6
84	Combustion Engineering E Monongahela	197/I,I	39	0100			00147				4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

## POINT EMISSIONS AND ALLOWABLES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	<u>3321</u>	STATE	PENNSYLVANIA	PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>							
					EMISSIONS - TPY			SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN	OPER	DESIGN	OPER
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY
79	Cupola	PT CO	None None	9.6	90 769	82 696		8.4	8.06		7.68
80	No Data										
81	Cupola	PT CO	None None	17.4	149 1270	148 1260		9.3	11.6		11.6
82	Cupola	PT CO	None None	10.0	119 1015	85 725		9.3	9.3		8.0
83	No Data										
84	No Data										

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
79	Cupola	PT	010	5		SCHEDULE	EXPIRED BEFORE 1975		
80			ALL	4					
81	Cupola	PT	010	5		SCHEDULE	EXPIRED BEFORE 1975		
82	Cupola	PT	010	5		SCHEDULE	EXPIRED BEFORE 1975		
83	No Data								
84			ALL	4					

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-12

## SOURCE SUMMARY - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	<u>3321</u>	STATE	PENNSYLVANIA	PG 1/3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
85	Glassmere Castings Watsontown	197/I	39	0100			00166				1
86	Rockwell International Pittsburg	197/I,I	39	0100	7260						0
87	Schaefer Goodnow Foundry Pittsburg	197/I,I	39	0100	7260	0029	00		28.0	23.0	7 <sup>4</sup>
88	Westinghouse-Air Brake Div Wilmerding	197/I,I	30	0100	9480		00204 NO SIC				4
89	PPG Industries Works #5 Ford City	197/I,I	39	0260	3300	0005	00005 NO SIC		11.3	10.0	7 <sup>3</sup>
90	Correct Foundry & Mfg Rochester	197/I,I	39	0560	7800	0004	00004		9.7	8.3	4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

## POINT EMISSIONS AND ALLOWABLES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG 2/3				
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
85	No Data											
86	No Data											
87	Cupola	PT CO	None None	23.0	238 2030	196 1670	77	9.3	18.6			17.0
88	No Data											
89	Cupola	PT CO	None None	10.0	96 819	85 725		10.2	6.38			6.13
90	Cupola	PT CO	None None	8.28	82 700	70 600		8.2	7.54			10.9

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	<u>Gray Iron</u>	SIC	<u>3321</u>	STATE	<u>PENNSYLVANIA</u>	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
85	No Data							
86	No Data							
87	No Data							
88			ALL	4				
89	Cupola	PT CO	010	5	SCHEDULE	EXPIRED BEFORE 1975		
90	Cupola		011	5		DO		
			ALL	4				

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-12

SOURCE SUMMARY - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG 1/3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
91	Ellwood City Casting Ellwood City	197/I, I	39	0560	2960		00014				7 <sup>4</sup>
92	Mayfield Foundry Inc West Mayfield	197/I	39	0560			00061				7 <sup>3</sup>
93	Saxonburg Foundry Co Saxonburg	197/I	39	1260			00034				4
94	Perry Foundry & Machine Star Junction	197/I, I	39	3220			00014				7
95	Ricks Mfg Uniontown	197/I, I	39	3220			00017				0
96	Abbex Corp Meadowlands	197/I, I	39	9200	5570	0001	00001		21.1	19.2	4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

POINT EMISSIONS AND ALLOWABLES

REGION <u>III</u>		INDUSTRY <u>Gray Iron</u>		SIC	<u>3321</u>	STATE <u>PENNSYLVANIA</u>		PG 2/3						
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	SIP ALLOWABLES									
					EMISSIONS - TPY				DESIGN OPER					
					POTENTIAL	DESIGN	OPER <sup>1</sup>	ACTUAL	PPH	TPY	PPH	TPY <sup>1</sup>		
91	No Data													
92	No Data													
93	No Data													
94	No Data													
95	No Data													
96	Cupola	PT CO	None None	19.2	179 1530	163 1390			11.1	10.7		10.3		

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
91	Cupola	PT	010	7 <sup>2</sup>		SCHEDULE	EXPIRED BEFORE 1975		
92	No Data								
93			ALL	4					
94	Cupola	PT	010	7		SCHEDULE	EXPIRED BEFORE 1975		
95	Fdry	PT	010	0		SCHEDULE	EXPIRED BEFORE 1975		
96			ALL	4					

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-12

## SOURCE SUMMARY - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
97	Combustion Eng Co East Monongahela	197/I,I	39	9200	5940	0010	00010		36.5	36.5	7 <sup>4</sup>
98	Washington Mold, Machine & Foundry Co Washington	197/I,I	39	9200	9190	0003	00003		40.0	24.0	4
99	Alleghany Foundry Co Bolivar	197/I,I	39	9330			00048 NO SIC				7 <sup>4</sup>
100	Alleghany Foundry Co Bolivar	197/I,I	39	9330	7260		00052				0
101	H&H Foundry & Machine Co Manor	197/I,I	39	9330		0009	00009		1.5	1.5	4
102	Hempfield Foundries Greensburg	197/I,I	39	9330	3740	0002	00002		40.0	40.0	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

POINT EMISSIONS AND ALLOWABLES

REGION	III	INDUSTRY	Gray Iron		SIC	3321	STATE	PENNSYLVANIA		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	Emissions - TPY						SIP Allowables	
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
97	Cupola #1	PT	WS 63.0%	26.9	229	229		12.2	11.7		11.7	
					1950	1950						
97	Cupola #2	CO PT CO	None None None	9.6	82	82		8.0	7.68		7.68	
					696	696						
98	Cupola	PT CO	None None	24.0	340 2900	204 1740				14.2	14.2	11.5
99	No Data											
100	No Data											
101	Cupola	PT CO	None None	1.54	13 112	13 112				10.6	2.33	2.33

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

## POINT EMISSIONS AND ALLOWABLES

REGION	III	INDUSTRY	Gray Iron		SIC	3321	STATE	PENNSYLVANIA		PG 2/3				
REFERENCE NUMBER	POINT SOURCE DESCRIPTION	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY	NEDS POINT SOURCE OPER RATE KTPY	EMISSIONS - TPY						SIP ALLOWABLES			
					EMISSIONS - TPY		ACTUAL	DESIGN		OPER				
					DESIGN	OPER		PPH	TPY	PPH	TPY			
102	Cupola #1	PT CO	None None	20.0										
	Cupola #2	PT CO	None None	20.0	170 1450	170 1450		10.7	10.7				10.7	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
97	No Data							
98			ALL	4				
99	No Data							
100	Cupola	PT	010	5	SCHEDULE	EXPIRED BEFORE 1975		
101			ALL	4				
102	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-12

## SOURCE SUMMARY - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG 1/3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			PT.CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	
103	Hempfield Foundries Greensburg	197/I,I	39	9330	3740		00042				4
104	Hockensmith Corp Penn	197/I,I	39	9330			00043 NO SIC				7
105	Hyde Park Foundry Hyde Park	197/I,I	39	9330			00049				7
106	Irwin-Sensenich Irwin	197/I,I	39	9330			00039				4
107	Scottdale Ozone Co Scottdale	197/I,I	39	9330	8020		00046				7 <sup>3</sup>
108	Somerset Foundry	197/I,I	39	9330			00047 NO SIC				7 <sup>3</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

POINT EMISSIONS AND ALLOWABLES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG 2/3				
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					EMISSIONS - TPY		ACTUAL	SIP ALLOWABLES		DESIGN		OPER
					POTENTIAL	DESIGN		PPH	TPY	PPH	TPY	
103	No Data											
104	No Data											
105	No Data											
106	No Data											
107	No Data											
108	No Data											

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	<u>3321</u>	STATE	<u>PENNSYLVANIA</u>	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
103			ALL	4					
104	Cupola	PT	010	5	SCHEDULE	EXPIRED BEFORE 1975			
105	Cupola	PT	010	5	SCHEDULE	EXPIRED BEFORE 1975			
106	No Data								
107	Cupola	PT	010	5	SCHEDULE	EXPIRED BEFORE 1975			
108	Cupola	PT	010	5		DO			

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-12

## SOURCE SUMMARY - EXISTING SOURCES

REGION <u>III</u>		INDUSTRY <u>Gray Iron</u>	SIC <u>3321</u>	STATE <u>PENNSYLVANIA</u>	PG 1/3						
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
109	Vulcan Mold & Iron Latrobe	197/I, I	39	9330	4800	0013	00013		252.0	228.0	4
110	Woodward Foundries Greensburg	197/I, I	39	9330	3740		00044				7 <sup>3</sup>
111	The Wyano Foundry Wyano	197/I, I	39	9330			00091				7 <sup>3</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

## POINT EMISSIONS AND ALLOWABLES

REGION	III	INDUSTRY	Gray Iron		SIC	3321	STATE	PENNSYLVANIA		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
109	Cupola #1	PT	WS 97.0%	114.0	1070	969	29	14.4	43.2		42.0	
	Cupola #2	CO PT	None WS 97.0%	114.0	9140 1070	8270 969	29	14.4	43.2		42.0	
110	No Data											
111	No Data											

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-12

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	PENNSYLVANIA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
109			ALL	4					
110	Cupola	PT	010	5	SCHEDULE	EXPIRED BEFORE 1975			
111	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-13

## SOURCE SUMMARY - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	<u>3321</u>	STATE	VIRGINIA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
1	Temple Foundry Inc Alexandria	047/I, I	48	0080			00015				4
2	Black Diamond Ent Bristol	207/I, III	48	1360	0480		00001				0
3	Thistle Foundry & Machine Bluefield	207/I, III	48	3160			00014				5
4	Glamorgan Pipe & Foundry Lynchburg	222/I, III	48	0580	1840	0001	00011		209.7	156.0	4
5	Lynchburg Foundry Co Lynchburg	222/I, III	48	0580	1840	0003	00011		170.5	166.2	7
6	Womack Foundry Newport News	223/I, III	48	2120	2120		00004				0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-13

POINT EMISSIONS AND ALLOWABLES

REGION	III	INDUSTRY	Gray Iron		SIC	3321	STATE	VIRGINIA		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	Emissions - TPY						SIP Allowables		
					EMISSIONS - TPY		DESIGN		ACTUAL	DESIGN		OPER	
					POTENTIAL	OPER <sup>1</sup>	DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY
1	No Data												
2	No Data												
3	No Data												
4	Cupola	PT	BH 99.0%	156.0	1782	1326	13	42.0	78.6				78.6
		CO	None		15201	11310							
5	Cupola #1	PT	WS 53.0%	66.2	638	563	264	33.2	83.0				41.8
	Cupola #2	CO	None		5438	4800							
		PT	None	100.0	814	850							
		CO	None		6920	7250							63.2
6	No Data												

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-13

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	VIRGINIA	PG 3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1			ALL	4					
2	No Data								
3	Cupola	PT	010	5					
	Cupola	PT	015	5					
4			ALL	4					
5	Cupola	PT	010	7					
	Cupola	VE	015	7					
	Cupola	PT	020	7					
	Cupola	VE	025	7					
6	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-13

SOURCE SUMMARY - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	3321	STATE	VIRGINIA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
7	Richard Foundry Corp Norfolk	223/I, III	48	2140	2140	0002	00002		11.4	10.9	7 <sup>3</sup>
8	Binkham & Taylor Culpepper	224/IA, III	48	0880			00003				4
9	Brewco Inc Petersburg	225/I, III	48	2500	2360		00005				0
10	Emporia Foundry Inc Emporia	225/I, III	48	1400	0980	0001	00001		10.5	9.7	6
11	O.K. Foundry Co Inc Richmond	225/I, III	48	2660			00034				5
12	Richmond Foundry & Mfg Richmond	225/I, III	48	2660	2660	0014	00014			8.2	7 <sup>4</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS<sup>4</sup> Listed as 0 in CDS

TABLE 6.3-13

## POINT EMISSIONS AND ALLOWABLES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	<u>3321</u>	STATE	VIRGINIA	PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>							
					EMISSIONS - TPY			SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER	
					DESIGN	OPER <sup>2</sup>		PPH	TPY	PPH	TPY
7	Cupola	PT CO	None None	10.9	97 829	93 791		27.5	68.7		67.0
8	No Data										
9	No Data										
10	Cupola	PT CO	None None	9.67	89 761	82 701		19.0	19.0		1.8
11	No Data										
12	Cupola	PT CO	None None	8.16		69 592					14.8

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-13

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	3321	STATE	VIRGINIA	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
7	Cupola	PT	010	7 <sup>1</sup>				
8			ALL	4				
9	No Data							
10	Cupola Cupola	PT VE	010 015	6 6				04/01/75 04/01/75
11	Cupola Cupola	PT VE	010 015	5 5				05/30/75 05/30/75
12	Entire Source	PT	ALL	7 <sup>2</sup>				

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-13

SOURCE SUMMARY - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	VIRGINIA			PG 1/3		
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS	
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
13	Lynchburg Foundry Radford	226/II, III	48	2020			0001	00001		255.5	216.0	7 <sup>3</sup>
14	Virginia Foundry Co Inc Roanoke	226/II, III	48	2720	2700			000014				7 <sup>4</sup>
15	Walker Machine & Foundry Roanoke	226/II, III	48	2720	2700		0005	00005				7 <sup>4</sup>
16	White Foundry Co Inc Roanoke	226/II, III	48	2720	2700			00019				7 <sup>4</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS<sup>4</sup> Listed as 0 in CDS

TABLE 6.3-13

## POINT EMISSIONS AND ALLOWABLES

REGION		III	INDUSTRY	Gray Iron	SIC	3321	STATE	VIRGINIA	PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>								
					EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
13	Cupola #1	PT	BH 99.0%	108.0	842	918	37				52.5	
	Cupola #2	CO PT	None WS 60.0%	108.0	7180 1330	7830 918	367	42.0	105.0		52.5	
14	No Data											
15	No Data											
16	No Data											

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-13

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	3321	STATE	VIRGINIA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
13	Forehearth Exhaust	PT	090	7 <sup>2</sup>			04/30/75	05/03/75	06/30/75
14	Cupola Cupola	PT VE	010 015	7 <sup>1</sup> 7 <sup>1</sup>			06/30/75 DO	06/30/75 DO	06/30/75
15	Cupolas (2)	PT	010	7 <sup>1</sup>					06/30/75
16	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-14

## SOURCE SUMMARY - EXISTING SOURCES

REGION	<u>III</u>	INDUSTRY	Gray Iron	SIC	<u>3321</u>	STATE	WEST VIRGINIA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY	SOURCE COMPLIANCE STATUS	
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER	
1	Myers Foundry Huntington	103/I, III	50	0240	0700	0006	00006				4
2	Centre Foundry & Machine Co Wheeling	181/I, III	50	1020	2120						0
3	Charleston Foundry Co Charleston	234/I, III	50	0760	0280	0011	00011				4
4	Hart Foundry Inc Clarksburg	235/I, III	50	0660	0360						0
5	Helmick Corp Fairmont	235/I, III	50	0980	0480						0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-14

## POINT EMISSIONS AND ALLOWABLES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	WEST VIRGINIA	PG 2/3					
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY									
					EMISSIONS - TPY			SIP ALLOWABLES					
					POTENTIAL	DESIGN	ACTUAL	DESIGN	OPER	PPH	TPY	PPH	TPY
1	Cupola	PT CO	None None										
2	No Data												
3	Cupola	PT CO	None None										
4	No Data												
5	No Data												

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-14

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	III	INDUSTRY	Gray Iron	SIC	3321	STATE	WEST VIRGINIA	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
1			ALL	4				
2	No Data							
3			ALL	4				
4	No Data							
5	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

**RADIAN CORPORATION**

REGION IV  
TABLES 6.3-15 TO 6.3-22

TABLE 6.3-15

SOURCE SUMMARY - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	ALABAMA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
1	Opelika Foundry Opelika	002/I, III	01	2120	2620	0004	00004		5.3	4.8	7 <sup>3</sup>
2	Phoenix Foundry Phoenix City	002/I, III	01	2920		0005			.5	.5	0
3	Alabama Pipe Anniston	003/I, III	01	0560	0120	0012	00012		12.0	11.3	7 <sup>3</sup>
4	Alabama Pipe Anniston	003/I, III	01	0560	0120	0013	00013		27.6	21.4	7 <sup>3</sup>
5	Alabama Pipe Anniston	003/I, III	01	0560	0120	0014	00014		195.9	114.6	7 <sup>3</sup>
6	Alabama Pipe Anniston	003/I, III	01	0560	0120	0015	00015		163.2	81.8	7 <sup>4</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS<sup>4</sup> Listed as 0 in CDS

TABLE 6.3-15

POINT EMISSIONS AND ALLOWABLES

REGION	IV	INDUSTRY	Gray Iron		SIC	3321	STATE	ALABAMA		PG 2/3	
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>							
					EMISSIONS - TPY			SIP ALLOWABLES			
					POTENTIAL		ACTUAL <sup>2</sup>	DESIGN		OPER	
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY
1	Cupola	PT CO	None None	4.750	45 381	40 344		14.2	10.6		10.0
2	Cupola	PT CO	None None	0.500	4 36	4 36		11.0	1.1		1.12
3	Cupola	PT CO	None None	11.300	102 870	96 820		29.2	7.0		6.8
4	Cupola	PT CO	WS-80% None	21.400	235 2001	182 1551	36	30.4	14.6		13.1
5	#1 Cupola	PT CO	None None	42.300	555 4733	360 3067		12.3	12.5		12.7
	#2 Cupola	PT CO	None None	42.300	555 4733	360 3067		12.3	12.5		12.7
	#3 Cupola	PT CO	None None	15.00	277 2366	128 1088		6.1	6.3		4.5
	#4 Cupola	PT CO	None None	15.00	277 2366	128 1088		6.1	6.3		4.5
6	#1 Cupola	PT CO	None None	40.900	694 5916	348 2965		17.9	18.3		16.4
	#2 Cupola	PT CO	None None	40.900	694 5916	348 2965		17.9	18.3		16.4

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-15

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	GRAY IRON	SIC	3321	STATE	ALABAMA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	Cupola	PT	001	7 <sup>1</sup>		SCHEDULE EXPIRED BEFORE 1975			
2	No Data								
3	Cupola	PT	003	7 <sup>1</sup>		SCHEDULE EXPIRED BEFORE 1975			
4	Cupola S-1	PT	001	7 <sup>1</sup>	03/31/74	04/30/74	10/31/74	02/28/75	05/15/75
5	#1 Cupola #2 Cupola #3 Cupola #4 Cupola	PT	003	7 <sup>1</sup>		SCHEDULE EXPIRED BEFORE 1975			
		PT	001	7 <sup>1</sup>		DO			
		PT	004	7 <sup>1</sup>		DO			
		PT	002	7 <sup>1</sup>		DO			

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS

TABLE 6.3-15

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	GRAY IRON	SIC	3321	STATE	ALABAMA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
5 Con't	Desulfurizing Ladle	PT	005	7 <sup>1</sup>		SCHEDULE	EXPIRED BEFORE 1975		
	Desulfurizing Ladle	PT	006	7 <sup>1</sup>			DO		
	Desulfurizing Ladle	S2	105	7 <sup>1</sup>			DO		
	Desulfurizing Ladle	S2	106	7 <sup>1</sup>			DO		
6	Cupola 1	PT	001	7 <sup>1</sup>		SCHEDULE	EXPIRED BEFORE 1975		
	Cupola 2	PT	002	7 <sup>1</sup>			DO		
	Desulfurizing Ladle	PT	003	7 <sup>1</sup>			DO		
	Desulfurizing Ladle	S2	103	7 <sup>1</sup>			DO		

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS

TABLE 6.3-15

## SOURCE SUMMARY - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	ALABAMA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
7	Anniston Foundry Anniston	003/I, III	01	0560	0120	0016	00016		212.2	125.2	7 <sup>3</sup>
8	Mead Pipe Anniston	003/I, III	01	0560	0120						0
9	R & J Machinery Anniston	003/I, III	01	0560	0120	0018	00018		0.1	0.1	7 <sup>3</sup>
10	U. S. Pipe Foundry Anniston	003/I, III	01	0560	0120	0011	00011		158.3	56.4	7 <sup>3</sup>
11	Unexcelled Mfg Co Attalla	003/I, III	01	1200	0200	0009	00009		12.0	9.0	7 <sup>3</sup>
12	Newbury Mfg Co Talladega	003/I, III	01	3140	3120	0010	00010		75.6	65.6	7 <sup>3</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS

TABLE 6.3-15

POINT EMISSIONS AND ALLOWABLES

REGION	IV	INDUSTRY	Gray Iron		SIC	3321	STATE	ALABAMA		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE <sup>1</sup> KTPY	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
7	#1 Cupola	PT	None	47.600	763	405		15.9	16.2		13.3	
			CO	None	6508	3451		15.9	16.2		13.3	
	#2 Cupola	PT	None	47.600	763	405		15.9	16.2		13.3	
			CO	None	6508	3451		5.8	5.9		8.4	
	#3 Cupola	PT	None	30.00	277	255						
			CO	None	2366	2175						
8	No Data											
9	Cupola	PT	None	0.031	1	1		4.2	0.4		0.1	
10	#1 Cupola	PT	None	18.8	673	5737		15.9	33.1		2.2	
			CO	None	160	1363		15.9	33.1		4.5	
	#2 Cupola	PT	None	37.6	673	5337		15.9	33.1		4.5	
			CO	None	320	2726						
11	Cupolas (2)	PT	None	9.000	102	76		20.0	20.0		17.0	
12	#1 Cupola	PT	None	32.800	322	279		18.5	20.8		19.0	
			CO	None	2742	2380		18.5	20.8		19.0	
	#2 Cupola	PT	None	32.800	322	279		18.5	20.8		19.0	
			CO	None	2742	2380						

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-15

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	ALABAMA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
7	Cupola IE Cupola IW Mold Syst Cupola 2	PT	001 002 004 007	7 <sup>1</sup> 7 <sup>1</sup> 7 <sup>1</sup> 7 <sup>1</sup>	03/31/74 03/31/74 03/31/74 03/31/74	04/30/74 04/31/74 03/31/74 04/30/74	10/31/74 10/31/74 08/31/74 10/31/74	02/18/75 02/28/75 12/31/74 02/28/75	05/15/75 05/15/75 01/31/75 05/15/75
8	No Data								
9	Cupola	PT	001	7 <sup>1</sup>		SCHEDULE	EXPIRED BEFORE 1975		
10	Cupola #9 N Cupola #9 S	PT	006 007	7 <sup>1</sup> 7 <sup>1</sup>	10/31/72 10/31/72	04/30/73 04/30/73	12/31/73 12/31/73	12/31/74 12/31/74	05/01/75 <sup>3</sup> 05/01/75 <sup>3</sup>
11	Cupola	PT	001	7 <sup>1</sup>		SCHEDULE	EXPIRED BEFORE 1975		
12	#1 Cupola #2 Cupola Greensand Mulling Resin Sand Mulling	PT	001 002 003 003	7 <sup>1</sup> 7 <sup>1</sup> 7 <sup>1</sup> 7 <sup>1</sup>		SCHEDULE	EXPIRED BEFORE 1975 DO DO DO		

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-15

SOURCE SUMMARY - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	ALABAMA	PG 1/3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
13	Talladega Foundry & Machine Talladega	003/I, III	01	3140	3120	0011	00011		3.1	3.1	7 <sup>3</sup>
14	Kirkland-Weathers Foundry Alexander	003/I, III	01	3160	0060	0004	00004		4.1	2.6	7 <sup>3</sup>
15	Robinson Foundry Alexander City	003/I, III	01	3160	0060	0005	00005		10.0	8.0	7 <sup>3</sup>
16	Russell Pipe & Foundry Alexander	003/I, III	01	3160	0060	0007	00007		30.0	17.4	7 <sup>3</sup>
17	Acipco Birmingham	004/I,I	01	1980	0380	0030	00030		2289.0	1493.5	7 <sup>3</sup>
18	Barry Pattern & Foundry Birmingham	004/I,I	01	1980	0380	0040				1.9	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS

TABLE 6.3-15

POINT EMISSIONS AND ALLOWABLES

REGION	IV	INDUSTRY	Gray Iron		SIC	3321	STATE	ALABAMA		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
13	Cupola	PT CO	None None	3.110	6 54	6 54		16.0	6.0		6.0	
14	Cupola	PT CO	None None	2.630	35 299	22 190		24.2	6.0		7.0	
15	Cupola	PT CO	None None	8.000	85 725	68 580		27.0	13.5		12.0	
16	Cupola	PT CO	None None	17.400	355 2175	148 1260		42.0	21.0		18.5	
17	#1 Cupola	PT CO	None None	181.000	2869 24469	1538 13122		7.1	16.0		12.5	
	#2 Cupola	PT CO	None None	148.000	2869 24469	1258 10730		7.1	16.0		10.2	
	#3 Cupola	PT CO	None None	181.000	1721 14681	1538 13122		4.3	9.6		12.5	
	#4 Cupola	PT CO	None None	181.00	1721 14681	1538 13122		4.3	9.6		12.5	
	#5 Cupola	PT CO	None None	47.900	536 4568	407 3473		1.3	3.0		3.3	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-15

POINT EMISSIONS AND ALLOWABLES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	ALABAMA	PG 2/3			
REFERENCE NUMBER	POINT SOURCE <sup>1</sup> DESCRIPTION	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	SIP ALLOWABLES						
					EMISSIONS - TPY			DESIGN			
					POTENTIAL <sup>1</sup>	ACTUAL <sup>1</sup>	DESIGN <sup>1</sup>	PPH <sup>1</sup>	TPY <sup>1</sup>		
17	#6 Cupola	PT	None	47.900	536	407		1.3	3.0		3.3
	#6 Cupola	CO	None		4568	3473					
	#7 Cupola	PT	None	12.000	191	108		0.5	1.1		0.9
	#7 Cupola	CO	None		1631	921					
	#8 Cupola	PT	None	17.00	191	144		0.5	1.1		1.2
	#8 Cupola	CO	None		1631	1232					
	#9 Cupola	PT	None	181.00	1721	1538		4.3	9.6		12.5
	#9 Cupola	CO	None		14681	13122					
	#10 Cupola	PT	None	148.00	2869	1258		7.1	16.0		10.2
	#10 Cupola	CO	None		24469	10730					
18	#11 Cupola	PT	None	333.000	3825	2830		9.5	21.3		23.07
	#11 Cupola	CO	None		32625	24142					
	#1 Elec Ind Fce	PT	None	2.42	6	2		0.2	0.4		0.1
	#2 Elec Ind Fce	PT	None	2.94	18	2		1.3	1.2		0.08
	#3 Elec Ind Fce	PT	None	2.31	4	2		0.1	0.3		0.1
18	#4 Elec Ind Fce	PT	None	7.35	7	6		0.2	0.4		0.5
	Cupola	PT	None	1.850			16	3			3.7
		CO	None				134				

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-15

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	ALABAMA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
13	Cupola	PT	001	7 <sup>1</sup>		SCHEDULE	EXPIRED BEFORE 1975		
14	Cupola	PT	001	7 <sup>1</sup>	04/15/74	06/01/74	08/01/74	05/01/75	05/31/75
15	Unknown		001	7 <sup>1</sup>		SCHEDULE	EXPIRED BEFORE 1975		
16	Cupola	PT	001	7 <sup>1</sup>		SCHEDULE	EXPIRED BEFORE 1975		
17	Cupola Cupola Cupola Cupola Cupola Cupola Cupola	PT PT PT PT PT PT PT	014 015 016 017 018 019 020	7 <sup>1</sup> 7 <sup>1</sup> 7 <sup>1</sup> 7 <sup>1</sup> 7 <sup>1</sup> 7 <sup>1</sup> 7 <sup>1</sup>		SCHEDULE	EXPIRED BEFORE 1975 DO DO DO DO DO DO		

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-15

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	ALABAMA	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
17 Con't	Cupola	PT	021	7 <sup>1</sup>	SCHEDULE EXPIRED BEFORE 1975	DO	DO	DO
	Cupola	PT	022	7 <sup>1</sup>				
	Cupola	PT	032	7 <sup>1</sup>				
	El Ind Fnc	PT	028	7 <sup>1</sup>				
	El Ind Fnc	PT	029	7 <sup>1</sup>				
	El Ind Fnc	PT	030	7 <sup>1</sup>				
	El Ind Fnc	PT	031	7 <sup>1</sup>				
	Foundry Shakeout	PT	008	7 <sup>1</sup>				
	Foundry Shakeout	PT	009	7 <sup>1</sup>				
	Foundry Shakeout	PT	010	7 <sup>1</sup>				
	Foundry Shakeout	PT	011	7 <sup>1</sup>				
	Foundry Shakeout	PT	012	7 <sup>1</sup>				
	Foundry Shakeout	PT	013	7 <sup>1</sup>				
	Sand Reclamation	PT	023	7 <sup>1</sup>				
	Stripping Sand	PT	026	7 <sup>1</sup>				
18	Sand Aspir	PT	027	7 <sup>1</sup>				
	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-15

SOURCE SUMMARY - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	ALABAMA	PG 1/3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
19	Birmingham Stove & Range Birmingham	004/I,I	01	1980	0380	0060	00060		45.8	37.5	7 <sup>3</sup>
20	Caldwell Foundry & Machine Birmingham	004/I,I	01	1980	0380	0470	00470		78.0	7.5	7 <sup>3</sup>
21	Caldwell Foundry & Machine Leeds	004/I,I	01	1980	2140	0471	00471		3.3	3.3	7 <sup>3</sup>
22	Clow Corporation Birmingham	004/I,I	01	1980	0380	0070	00070		169.1	118.0	7 <sup>3</sup>
23	Casper Foundry Birmingham	004/I,I	01	1980	0380	0100	00100		7.6	7.6	7 <sup>3</sup>
24	Crane Foundry Birmingham	004/I,I	01	1980	0380	0110	00110		2.9	2.3	7 <sup>3</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS

TABLE 6.3-15

## POINT EMISSIONS AND ALLOWABLES

REGION	IV	INDUSTRY	Gray Iron		SIC	3321	STATE	ALABAMA		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>		POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE <sup>1</sup> KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
						EMISSIONS - TPY		ACTUAL	DESIGN		OPER		
						POTENTIAL	DESIGN <sup>1</sup>		PPH	TPY	PPH	TPY	
19	Cupola		PT CO	WS None	37.5	389 3322	319 2719	27	28.8	60.0		53.7	
20	El Arc Fce		PT	None	7.500				30.0	39.0		16.1	
21	El Ind Fce		PT	None	3.330	2	2		11.5	7.5		7.5	
22	Cupola		PT CO	WS None	118.000	1438 12261	10030 8555	75 7210	32.0	65.3		61.2	
23	Cupola		PT CO	None None	7.620	65 552	65 552		15.0	15.0		15.0	
24	Cupola		PT CO	None None	2.260	24 209	19 164		12.3	6.2		5.2	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-15

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	ALABAMA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
19	Cupola Sand Shakeout	PT PT	002 001	7 <sup>1</sup> 7 <sup>1</sup>		SCHEDULE	EXPIRED BEFORE 1975 DO		
20	Elec Aec Fce Foundry Mould Shakeout	PT PT	002 001	7 <sup>1</sup> 7		SCHEDULE	EXPIRED BEFORE 1975 DO		
21	Elec Ind Fce	PT	001	7 <sup>1</sup>		SCHEDULE	EXPIRED BEFORE 1975		
22	Cupola	PT	004	7 <sup>1</sup>	07/01/74	10/01/74	12/01/74	05/31/75	05/31/75
23	Cupola Sand Shakeout System	PT PT	001 002	7 <sup>1</sup> 7 <sup>1</sup>		SCHEDULE	EXPIRED BEFORE 1975 DO		
24	Cupola	PT	001	7 <sup>1</sup>		SCHEDULE	EXPIRED BEFORE 1975		

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-15

## SOURCE SUMMARY - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	ALABAMA			PG 1/3		
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS	
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
25	Fairmont Foundry Birmingham	004/I,I	01	1980	0380	0130	00130			9.1	6.8	7 <sup>3</sup>
26	Glidewell Specialties Foundry Birmingham	004/I,I	01	1980	0380	0138	00138				2.9	7 <sup>3</sup>
27	Jefferson Foundry Birmingham	004/I,I	01	1980	0380	0180	00180			16.0	16.0	7 <sup>3</sup>
28	Jefferson Foundry Birmingham	004/I,I	01	1980	0380	0181	00181			15.0	14.2	7 <sup>3</sup>
29	Jones Foundry Bessemer	004/I,I	01	1980	0340	0190	00190			8.9	8.5	7 <sup>3</sup>
30	Lawler Machine & Foundry Birmingham	004/I,I	01	1980	0380	0200	00200			16.9	6.8	7 <sup>3</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS

TABLE 6.3-15

POINT EMISSIONS AND ALLOWABLES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	ALABAMA	PG 2/3				
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>								
					EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		DESIGN		OPER
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
25	Cupola	PT CO	None None	6.830	77 660	58 495		17.1	17.1			14.0
26	Cupola	PT CO	None None	2.890		25 210						5.0
27	Cupola	PT CO	None None	16.000	136 1160	136 1160		24.0	24.0			24.0
28	Cupola	PT CO	None None	14.000	119 1015	119 1015	501	22.0	22.0			20.4
	El Ind Fce	PT	None	0.235	1							0.3
29	Cupola	PT CO	None None	8.450	76 646	72 613	98	15.1	17.7			17.2
30	Cupola	PT CO	None None	6.780	143 1222	58 492		24.5	24.5			13.8

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-15

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	ALABAMA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
25	Cupola	PT	001	7 <sup>1</sup>		SCHEDULE EXPIRED BEFORE 1975			
26	Cupola	PT	001	7 <sup>1</sup>		SCHEDULE EXPIRED BEFORE 1975			
27	Cupola Sand Shakeout System	PT PT	001 002	7 <sup>1</sup> 7 <sup>1</sup>		SCHEDULE EXPIRED BEFORE 1975 DO			
28	Cupola Sand Blasting	PT PT	002 001	7 <sup>1</sup> 7 <sup>1</sup>		SCHEDULE EXPIRED BEFORE 1975 SCHEDULE EXPIRED BEFORE 1975			
29	Cupola	PT	001	7 <sup>1</sup>	09/01/73	08/31/74			01/01/75
30	Cupola	PT	001	7 <sup>1</sup>		SCHEDULE EXPIRED BEFORE 1975			

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-15

SOURCE SUMMARY - EXISTING SOURCES

REGION IV		INDUSTRY Gray Iron		SIC	3321		STATE ALABAMA				PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
31	McWane Cast Iron Pipe Birmingham	004/I, I	01	1980	0380	0220	00220			145.0	7 <sup>3</sup>
32	Miller Foundry Birmingham	004/I, I	01	1980	0380	0225	00225		3.1	1.9	7 <sup>3</sup>
33	Stockham Valves Birmingham	004/I, I	01	1980	0380	0270	00270 SIC 3341		70.6	60.3	7 <sup>3</sup>
34	U. S. Pipe & Foundry Birmingham	004/I, I	01	1980	0380	0340	00340		263.2	153.0	7 <sup>3</sup>
35	U. S. Pipe & Foundry Birmingham	004/I, I	01	1980	0380	0350			5530.6	1642.0	7 <sup>3</sup>
36	U. S. Pipe & Foundry Birmingham	004/I, I	01	1980	0380	0360	00360		356.2	276.9	7 <sup>3</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS

TABLE 6.3-15

POINT EMISSIONS AND ALLOWABLES

REGION	IV	INDUSTRY	Gray Iron		SIC	3321	STATE	ALABAMA		PG 2/3					
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE <sup>1</sup> KTPY	Emissions - TPY						SIP Allowables				
					POTENTIAL		ACTUAL	DESIGN <sup>1</sup>		OPER <sup>1</sup>		DESIGN		OPER	
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	PPH	TPY		
31	Cupola	PT CO	WS None	145.000		34 290	8						63.1		
32	Cupola	PT CO	None None	1.850	26 225	16 134	22 180	11.0	6.9				13.1		
33	Cupola	PT CO	WS None	60.300	600 5116	513 4372	298	38.1	74.7				68.6		
34	Cupola	PT CO	None None	153.000	2237 19082	1300 11092		35.1	65.9				60.4		
35	#1 Cupola	PT CO	WS None	320.000	41538 354380	11220 95700		50.4	94.8				71.0		
	#2 Cupola	PT CO	None None	161.000	2731 23295	1368 11672		3.3	6.2				8.7		
	#3 Cupola	PT CO	None None	161.000	2731 23295	1368 11672		3.3	6.2				8.7		
36	#1 Cupola	PT CO	None None	29.900	500 4263	254 2168		6.0	11.8				7.4		
	#2 Cupola	PT CO	None None	247.000	2528 21564	2100 17908	12700	30.5	59.8				61.4		

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-15

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	ALABAMA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
31	Cupola Cupola Charging System Scrubber System	PT	001	7 <sup>1</sup>	07/31/73	07/31/73	06/30/74	02/38/75	06/30/75
		PT	001	7 <sup>1</sup>	06/30/73	06/30/73	09/30/73	12/31/73	06/01/75
32	Cupola	PT	001	7 <sup>1</sup>		SCHEDULE	EXPIRED BEFORE 1975		
33	Cupola	PT	017	7 <sup>1</sup>		SCHEDULE	EXPIRED BEFOROE 1975		
34	Cupola	PT	003	7 <sup>1</sup>		SCHEDULE	EXPIRED BEFORE 1975		
35	No Data								
36	Cupola Cupola	PT	006	7 <sup>1</sup>		SCHEDULE	EXPIRED BEFORE 1975		
		PT	005	7 <sup>1</sup>		DO			

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-15

SOURCE SUMMARY - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	ALABAMA				PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
37	Vulcan Foundry Birmingham	004/I,I	01	1980	0380	0422	00422		8.6	8.6	7 <sup>3</sup>
38	Simsco Columbiana	004/I,I	01	3060							0
39	Southern Foundry Co Calera	004/I,I	01	3060		0006	00006		2.8	1.8	7 <sup>3</sup>
40	Central Foundry Holt	004/I,I	01	3300		0001	00001 NO SIC		328.6	265.1	7 <sup>3</sup>
41	Gulf Foundry & Machine Mobile	005/I, III	01	2400		0003			.4	.3	0
42	Jacobs Mfg Co Bridgeport	007/I, III	01	1920	0460	0003			5.0	0.5	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS

TABLE 6.3-15

## POINT EMISSIONS AND ALLOWABLES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	ALABAMA	PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	SIP ALLOWABLES						
					EMISSIONS - TPY			DESIGN		OPER	
					POTENTIAL	ACTUAL		PPH	TPY	PPH	TPY
DESIGN <sup>1</sup>	OPER <sup>1</sup>										
37	Cupola	PT CO	None None	8.550	73 620	73 620		16.6	16.6		16.6
38											
39	Cupola	PT CO	None None	1.800	24 206	15 131		19.5	4.9		4.9
40	#1 Cupola	PT CO	None None	1.530	19 162	13 111	35	7.3	0.3		0.009
	#2 Cupola	PT CO	None None	1.530	19 162	13 111	35	7.3	0.3		0.009
	#3 Cupola	PT CO	None None	0.064	1 5	1 1	1	1.9	0.07		0.0004
	#4 Cupola	PT CO	None None	131.000	1376 11739	1114 9498	7690 15	12.1	21.3		34.3
	#5 Cupola	PT CO	None None	131.000	1376 11739	1114 9498	7690 15	12.1	21.3		34.3
41	Cupola	PT CO	None None	0.265	3 26	2 19		9.4	1.0		0.6
42	Cupola	PT CO	None None	0.500	42 362	4 36		27.0	6.8		1.4

FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-15

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	ALABAMA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
37	Cupola Foundry Sand System	PT PT	001 002	7 <sup>1</sup> 7 <sup>1</sup>		SCHEDULE	EXPIRED BEFORE 1975 DO		
38	No Data								
39	Cupola	PT	001	7 <sup>1</sup>		SCHEDULE	EXPIRED BEFORE 1975		
40	#1 Cupola #2 Cupola	PT PT	901 902	7 <sup>1</sup> 7 <sup>1</sup>				03/01/75 03/01/75	05/01/75 05/01/75
41	No Data								
42	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-15

SOURCE SUMMARY - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	ALABAMA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
43	Martin Industries Florence	007/I, III	01	2080	1400	0003	00003			20.6	7 <sup>3</sup>
44	John Blue Co Huntsville	007/I, III	01	2260	1860	0011	00011		17.7	15.6	7 <sup>3</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS

TABLE 6-3-15

## POINT EMISSIONS AND ALLOWABLES

REGION	IV	INDUSTRY	Gray Iron		SIC	3321	STATE	ALABAMA		PG 2/3				
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE <sup>1</sup> KTPY <sup>1</sup>	Emissions - TPY						SIP Allowables			
					EMISSIONS - TPY		DESIGN <sup>1</sup>		ACTUAL		DESIGN		OPER	
					POTENTIAL		DESIGN <sup>1</sup>	OPER <sup>1</sup>	ACTUAL		PPH	TPY	PPH	TPY
43	#1 Cupola	PT CO	None	10.300				88						5.6
	#2 Cupola				10.300		746							5.6
44	#1 Cupola	PT CO	None	7.780			88							10.4
	#2 Cupola				7.780		746							10.4
		PT CO	None	7.780			75	66			15.0	11.2		
					7.780		640	564			15.0	11.2		
							75	66						
							640	564						

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-15

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	ALABAMA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
43	Cupola N Cupola S	PT PT	003 004	7 <sup>1</sup> 7 <sup>1</sup>	07/01/73 07/01/73	09/01/73 09/01/73	06/01/74 06/01/74	12/01/74 12/01/74	05/31/75 <sup>3</sup> 05/31/75 <sup>3</sup>
44	Cupola Cupola	PT PT	001 002	7 <sup>1</sup> 7 <sup>1</sup>		SCHEDULE	EXPIRED BEFORE 1975 DO		

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-16

## SOURCE SUMMARY - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	FLORIDA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	Gainesville Foundry & Machinery Gainesville	049/I, I	10	0020	1480	0019				0.1	7 <sup>3</sup>
2	Capps Co Inc Jacksonville	049/I, I	10	1080	1960		01030 NO SIC				0
3	Dixie Foundry & Machinery Tampa	052/I, III	10	1800	4360	0002				2.3	4
4	U S Foundry Mfg Miami	050/I	10	0860			01004				4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 0 in CDS

TABLE 6.3-16

## POINT EMISSIONS AND ALLOWABLES

REGION	IV	INDUSTRY	Gray Iron		SIC	3321	STATE	FLORIDA		PG 2/3	
REFERENCE NUMBER	POINT SOURCE DESCRIPTION	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY	NEDS POINT SOURCE OPER RATE KTPY	EMISSIONS - TPY			SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER	
					DESIGN	OPER		PPH	TPY	PPH	TPY
1	Cupola	PT CO	None None	0.144		1 10					0.3
2	No Data										
3	No Data										
4	Cupola	PT CO	BH-99% None	2.340		20 170	39				3.9

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-16

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	FLORIDA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	No Data								
2	Foundry Cupola	PT	001	7 <sup>2</sup>	SCHEDULE	EXPIRED BEFORE 1975			
3	Cupola	PT	001	4					
4	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-17

## SOURCE SUMMARY - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	GEORGIA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>
1	Columbus Foundry Columbus	002/I, III	11	3860	1280	0001				5.0	0
2	Golden Foundry & Machine Columbus	002/I, III	11	3860	1280	0002				4.2	0
3	Griffin Foundry Rome	055/I, III	11	2140	4380	0001				2.0	0
4	Cox Foundry & Machine Co Atlanta	056/I, III	11	2260	0200						0
5	ITT Grinnell Corp Atlanta	056/I, III	11	2260	0200	0008				30.3	0
6	ITT Grinnell Corp Atlanta	056/I, III	11	2260	0200	0074				10.0	0

FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-17

## POINT EMISSIONS AND ALLOWABLES

REGION	IV	INDUSTRY	Gray Iron		SIC	3321	STATE	GEORGIA		PG 2/3	
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES		
					EMISSIONS - TPY		ACTUAL	DESIGN		OPER	
					POTENTIAL	OPER <sup>1</sup>		PPH	TPY	PPH	TPY <sup>1</sup>
1	Cupola	PT CO	None None	5.0		43 363					18
2	Cupola	PT CO	WS-50% None	4.15		18 301					7
3	Cupola	PT CO	None None	2.0		17 145					5
4	No Data										
5	Cupola	PT CO	WS-99% None	30.3		31 2200					40
6	Cupola	PT CO	WS-95% Incin-98%	10.0		4 15					19

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-17

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	GEORGIA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	No Data								
2	No Data								
3	No Data								
4	No Data								
5	No Data								
6	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-17

SOURCE SUMMARY - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	GEORGIA	PG 1/3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT,OC	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
7	Ductile Iron Co Savannah	058/I, III	11	0980	4500	0014	00014			24.7	7 <sup>3</sup>
8	Ductile Iron Co Savannah	058/I, III	11	0980	4500	0022				14.7	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Blank in CDS

TABLE 6.3-17

POINT EMISSIONS AND ALLOWABLES

REGION	IV	INDUSTRY	Gray Iron		SIC	3321	STATE	GEORGIA		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE, KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL	DESIGN		OPER			
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY <sup>1</sup>		
7	Cupola	PT CO	None None	24.7		210 1790						20	
8	Cupola	PT CO	None None	14.7		125 1070						20	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-17

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	GEORGIA	PG3/3		
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	COMPLIANCE POINT	STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
						01	02	03	04	05
7	Fdry Bag House	PT	001	7		SCHEDULE	EXPIRED BEFORE 1975			
8	No Data									

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-18

SOURCE SUMMARY - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	KENTUCKY			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	C. Lee Cook Div of Dover Corp Louisville	078/I, III	18	1920	2380	0046				0.2	0
2	General Electric Co Louisville	078/I, III	18	1920	2380	0078	1035				7 <sup>3</sup>
3	Henry Voght Machine Co Louisville	078/I, III	18	1920	2380		00234				7 <sup>3</sup>
4	International Harvester Foundry & Power Plant Louisville	078/I, III	18	1920	2380	0097	04025 NO SIC			196.0	7
5	Logan Company Louisville	078/I, III	18	1920	2380	0118	1049			1.2	7 <sup>3</sup>
6	Schmutz Mfg Co Louisville	078/I, III	18	1920	2380		1074				7

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS

TABLE 6.3-18

## POINT EMISSIONS AND ALLOWABLES

REGION	IV	INDUSTRY	Gray Iron		SIC	3321	STATE	KENTUCKY		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP. ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER <sup>1</sup>		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
1	Cupola	PT CO	WS None	.153		1 11					33	
2	No Data											
3	No Data											
4	Cupola	PT CO	WS-98% None	49.		8 3550					35	
	Cupola	PT CO	WS-98% None	49.		8 3550					35	
	Cupola	PT CO	WS-98% None	49.		8 3550					35	
	Cupola	PT CO	WS-98% None			8 3550					35	
5	Cupola	PT CO	WS-70% None	1.2							6	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-18

## POINT EMISSIONS AND ALLOWABLES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	KENTUCKY	PG 2/3	
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE <sup>1</sup> KTPY	EMISSIONS - TPY			SIP ALLOWABLES	
					POTENTIAL		ACTUAL	DESIGN	
					DESIGN	OPER		PPH	TPY
6	No Data								

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-18

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	KENTUCKY	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	No Data								
2	No Data								
3	Cupola Grinding Muller Shaker	PT	001	7 <sup>1</sup>	SCHEDULE	EXPIRED BEFORE 1975 DO DO DO			
		PT	002	7 <sup>1</sup>					
		PT	003	7 <sup>1</sup>					
		PT	004	7 <sup>1</sup>					
4	Cupola Cupola	PT	107	7			2/15/75	4/1/75	
		PT	108	7			2/15/75	4/1/75	
5	No Data								
6	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-18

## SOURCE SUMMARY - EXISTING SOURCES

REGION IV		INDUSTRY Gray Iron		SIC 3321		STATE KENTUCKY				PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
7	Vulcan Hart Louisville	078/I, III	18	1920	2380		1091				7 <sup>3</sup>
8	Independence Foundry Independence	079/I, III	18	2020		0001	00001			0.2	7 <sup>3</sup>
9	Klaene Foundry Co	079/I, III	18	2020		0010	00010			0.6	7 <sup>3</sup>
10	J.R. Hoe & Sons Inc Midd	101/II, III	18	0200	2780	0002	1001			1.2	7 <sup>3</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS

TABLE 6.3-18

## POINT EMISSIONS AND ALLOWABLES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	KENTUCKY	PG 2/3				
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE <sup>1</sup> KTPY								
					EMISSIONS - TPY			SIP ALLOWABLES				
					POTENTIAL	DESIGN	OPER <sup>1</sup>	DESIGN	OPER <sup>1</sup>			
						DESIGN	OPER <sup>1</sup>	ACTUAL	PPH	TPY	PPH	TPY
7	No Data											
8	Cupola	PT CO	None None	.135			10					1
9	Cupola	PT CO	None None	.63			5 46					2
10	Cupola	PT CO	None None	1.22			10 88					2

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-18

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	KENTUCKY	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
7	Sand Handling		001	7 <sup>1</sup>			1/1/75	3/15/75	4/1/75
8	Cupola	PT	001	7 <sup>1</sup>	SCHEDULE	EXPIRED BEFORE 1975	DO	DO	DO
	Cupola	PT	002	7 <sup>1</sup>					
9	Cupola	PT	001	7 <sup>1</sup>			DO		
10	Cupola	PT	001	7 <sup>1</sup>		DO	DO	DO	DO
	Cupola	PT	002	7 <sup>1</sup>					

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-19

SOURCE SUMMARY - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	MISSISSIPPI			PG 1/3		
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS	
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
1	Mississippi Foundry & Machine Company Jackson	005/I, III	25	1080	1260	0074	00074			4.8	0.2	0
2	Presto Mfg Co Jackson	005/I, III	25	1080	1260	0023	00023 SIC 3639					0
3	Laurel Machine & Foundry Laurel	005/I, III	25	1360	1480	0026	00026			4.2	0.2	0
4	Continental Foundry & Machine Olive Branch	018/I, III	25	0680		0008	00008 NO SIC			8.2	5.0	7 <sup>3</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS

TABLE 6.3-19

## POINT EMISSIONS AND ALLOWABLES

REGION <u>IV</u>		INDUSTRY <u>Gray Iron</u>		SIC <u>3321</u>	STATE <u>MISSISSIPPI</u>		PG 2/3					
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE <sup>1</sup> KTPY	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH <sup>1</sup>	TPY <sup>1</sup>	PPH	TPY <sup>1</sup>	
1	Cupola	PT CO	None None	.154	40 344	1 11		7.2	7.34		1.0	
2	No Data											
3	Cupola	PT CO	None None	.155	35 302	1 11		6.5	6.76		1.0	
4	Cupola	PT CO	None None	4.97	69 592	42 360		10.3	10.5		7.0	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-19

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	MISSISSIPPI	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
1	No Data							
2	No Data							
3	Fdry	PT	001	7 <sup>1</sup>	SCHEDULE	EXPIRED BEFORE 1975		
4	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-20

SOURCE SUMMARY - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	NORTH CAROLINA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	Guilford Foundry Greensboro	136/I, III	34	1780	1740	0390				0.8	0
2	Industrial Foundry & Manufacturing Greensboro	136/I, III	34	1780	1740	0438				0.8	0
3	Pomona Foundry Greensboro	136/I, III	34	1780	1740	0275				0.5	0
4	Wysong & Miles Foundry Greensboro	136/I, III	34	1780	1740	0357				2.2	0
5	Troutman Foundry Statesville	136/I, III	34	2060	3920	0005	00005			0.9	7 <sup>3</sup>
6	Lineberry Foundry & Machine Wilkes	165/I, III	34	4360		0023	00023 NO SIC			0.8	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS

TABLE 6.3-20

POINT EMISSIONS AND ALLOWABLES

REGION	IV	INDUSTRY	Gray Iron		SIC	3321	STATE	NORTH CAROLINA		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE, KTPY	EMISSIONS - TPY							
					EMISSIONS - TPY		DESIGN		ACTUAL <sup>1</sup>		DESIGN	OPER
					DESIGN	OPER <sup>1</sup>	ACTUAL <sup>1</sup>	PPH	TPY <sup>1</sup>	PPH	TPY	
1	Cupola	PT CO	None None	0.758			3		2			
2	Cupola	PT CO	None None	0.810		7 59			2			
3	Cupola	PT CO	None None	0.492			4 36		9			
4	Cupola	PT CO	None None	2.240				36 523		4		
5	Cupola	PT CO	None None	.893			8 65		4			
6	Cupola	PT CO	None None	0.750			6 54		3			

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-20

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	NORTH CAROLINA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	No Data								
2	No Data								
3	No Data								
4	No Data								
5	Cupola Cupola	S2 PT	001 101	7 <sup>1</sup> 7 <sup>1</sup>	SCHEDULE	EXPIRED BEFORE DO	1975		
6	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-20

## SOURCE SUMMARY - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	NORTH CAROLINA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE STATUS
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	
7	Hallman Foundry Sanford	166/I, III	34	2280	3580	0028				2.5	0
8	Southern Foundry Raleigh	166/I, III	34	4160	3240	0014				0.9	0
9	Cherryville Foundry Gaston	167/I, III	34	1560		0050				0.3	0
10	Dixie Foundry Gastonia	167/I, III	34	1560	1580	0287				1.6	0
11	Compton & Knowles Mooresville	167/I, III	34	2060	2700	0001				0.6	0
12	J.C. Steele & Son Statesville	167/I, III	34	2060	3920	0025	00025			0.9	7 <sup>3</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS

TABLE 6.3-20

## POINT EMISSIONS AND ALLOWABLES

REGION		IV	INDUSTRY	Gray Iron		SIC	3321	STATE	NORTH CAROLINA		PG 2/3	
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		DESIGN		OPER
					DESIGN	OPER <sup>1</sup>		PPH	TPY <sup>1</sup>	PPH	TPY <sup>1</sup>	
7	Cupola	PT CO	WS-53% None	2.500			21 181		5		6	
8	Cupola	PT CO	None None	0.900			8 65				2	
9	Cupola	PT CO	None None	0.260			2 19				4	
10	Cupola	PT CO	CYCL-88% None	1.600			14		3			5
11	Elec Ind Fce	PT	None	0.600			1				5	
12	Cupola	PT CO	None None	0.914			8 66				1	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-20

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	ALABAMA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
7	No Data								
8	No Data								
9	No Data								
10	No Data								
11	No Data								
12	Cupola	PT	001	7 <sup>1</sup>		SCHEDULE	EXPIRED BEFORE 1975		

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-20

SOURCE SUMMARY - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	NORTH CAROLINA	PG 1/3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY	COMPLIANCE STATUS	
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
13	Charlotte Pipe & Foundry Charlotte	167/I, III	34	2580	0700			00626 NO SIC		0	
14	Queen City Foundry Charlotte	167/I, III	34	2580	0700	0565		00565 NO SIC	2.6	0	
15	Harrington Mfg Lewiston	168/I, III	34	0320		0016		00016 NO SIC	1.2	0	
16	Sanders Co, Inc Elizabeth City	168/I, III	34	3080	1320	0004		00004	1.5	0	
17	Foundry Service, Inc Biscoe	169/II, III	34	2660		0006		00006	8.3	7 <sup>3</sup>	
18	Standard Foundry Rockingham	169/II, III	34	3320	3400	0010		00010 SIC 35520	0.8	0	

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS

TABLE 6.3-20

## POINT EMISSIONS AND ALLOWABLES

REGION	IV	INDUSTRY	Gray Iron		SIC	3321	STATE	NORTH CAROLINA		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE <sup>1</sup> KTPY	EMISSIONS - TPY						SIP ALLOWABLES		
					EMISSIONS - TPY		SIP ALLOWABLES		DESIGN		OPER		
					POTENTIAL	ACTUAL	PPH	TPY <sup>1</sup>	PPH	TPY	PPH	TPY	
13	No Data												
14	Cupola	PT CO	None None	2.640		22 191				15			
15	Cupola	PT CO	None None	0.060		1 4				1			
	Reverb Fce	PT CO	None None	0.060		1 4				8			
16	Reverb Fce	PT CO	None None	1.500		2				4			
17	Cupola	PT CO	None None	2.500		21 181 4				5			
	Elec Ind Fce	PT	None	5.760						11			
18	Cupola	PT CO	None None	0.750		6 54				1			

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-20

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	ALABAMA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
13	No Data								
14	No Data								
15	No Data								
16	No Data								
17	Stack VE	PT	001	7 <sup>1</sup>	SCHEDULE	EXPIRED BEFORE 1975			
18	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-20

SOURCE SUMMARY - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	NORTH CAROLINA				PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>
19	G.R. Ennis & Son Wilmington	170/II, III	34	0460	4400	0005				0.2	0
20	Dewey Bros Goldsboro	170/II, III	34	4280	1620	0081				15.0	0
21	Parham Foundry <sup>3</sup> Ashville	171/I, III	34	0480	0180	0019					0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> No Cupola listed in NEDS

TABLE 6.3-20

## POINT EMISSIONS AND ALLOWABLES

REGION <u>IV</u>		INDUSTRY <u>Gray Iron</u>		SIC <u>3321</u>	STATE <u>NORTH CAROLINA</u>	PG 2/3						
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					EMISSIONS - TPY		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY <sup>1</sup>	PPH	TPY	
19	Cupola	PT CO	None None	0.240		2 17			1			
20	Cupola	PT CO	None None	15.000		128 1090			21			
21	No Data											

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-20

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	<u>IV</u>	INDUSTRY	Gray Iron	SIC	3321	STATE	ALABAMA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
19	No Data								
20	No Data								
21	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-21

## SOURCE SUMMARY - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	SOUTH CAROLINA	PG 1/3		
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE COMPLIANCE STATUS	
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	
1	Sumter Machinery Sumter	198/II, III	42	2140	2120	0008	00008		2.6	4
2	Foundry & Steel Co, Inc Anderson	202/I, III	42	0200	0180	0006			0.1	0
3	Machine Parts Corp Anderson	202/I, III	42	0200	0180	0010			2.8	0
4	Eagle Iron Works Greenville	202/I, III	42	1200	1180	0021			1.1	0
5	N. American Rockwell- Draper Div Spartanburg	202/I, III	42	2060	2040	0008	00008		31.2	4
6	Robert Co Greenwood	203/III, III	42	1240	1220	0009	0009		3.0	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-21

## POINT EMISSIONS AND ALLOWABLES

REGION	IV	INDUSTRY	Gray Iron		SIC	3321	STATE	SOUTH CAROLINA		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE <sup>1</sup> KTPY	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN <sup>1</sup>		OPER		
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH <sup>1</sup>	TPY <sup>1</sup>	PPH	TPY <sup>1</sup>	
1	Cupola	PT CO	None None	2.62	22 188	22 190		11.3	4.41		4.0	
2	Cupola	PT CO	None None	1.00	.956 8.16	.85 7.25		3.35	.251		1.0	
3	Cupola	PT CO	None None	2.82		24 102					5.1	
4	Cupola	PT CO	None None	1.13	9.56 81.6	10 82		5.4	2.03		2.03	
5	Cupola #1	PT CO	WS-53% Incin-85%	15.6		133 1130	62 170				20	
	Cupola #2	PT CO	WS-53% Incin-85%	15.6		133 1130	62 17				20	
6	Cupola	PT CO	None None	3.0	25.6 219	26 218	2	5.7	5.2		5	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-21

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	SOUTH CAROLINA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	Cupola	PT	002	4	10/1/73	12/1/73	1/1/74	3/1/75	5/1/75
2	No Data								
3	No Data								
4	No Data								
5	Cupola Cupola	PT PT	002 003	4 4					
6	No Data								

FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS

<sup>2</sup> Listed as 0 in CDS

<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-22

SOURCE SUMMARY - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	TENNESSEE			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		COMPLIANCE SOURCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	Lodge Mfg Co South Pittsburg	007/I, III	44	2220	3220	0011	00011			60.0	7 <sup>3</sup>
2	Powermatic McMinnville	007/I, III	44	3540	2100	0003	09002			7.8	7 <sup>3</sup>
3	Layne & Bowler Memphis	018/I, III	44	3080	2340	0181	00181				7 <sup>3</sup>
4	M.B. Parker Company Memphis	018/I, III	44	3080	2340	0262	00262				7 <sup>3</sup>
5	Memphis Machine Works Memphis	018/I, III	44	3080	2340	0213				4.1	0
6	Standard Brake Memphis	018/I, III	44	3080	2340	0516	00516			15.0	7 <sup>3</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 0 in CDS

TABLE 6.3-22

## POINT EMISSIONS AND ALLOWABLES

REGION IV		INDUSTRY Gray Iron		SIC 3321	STATE TENNESSEE		PG 2/3				
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY			SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER	
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY
1	Cupola	PT CO	None None	60.0		51					
	Elec Ind Fce	PT	None			4350					
	Elec Ind Fce	PT	None			4					
	Elec Ind Fce	PT	None			4					
	Elec Ind Fce	PT	None			4					
	Elec Ind Fce	PT	None			4					
2	Cupola	PT CO	None None	7.8		32					
						566					
3	Cupola	PT CO	None None	17							
						360					
4	Cupola	PT CO	None None	4.1							
	Cupola	PT CO	None None								
5	Cupola	PT CO	None None			35					
						297					
6	Cupola	PT CO	None None	15.0		128					
						1090					

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-22

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	<u>IV</u>	INDUSTRY	Gray Iron	SIC	<u>3321</u>	STATE	TENNESSEE	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	Cupola	PT	001	7 <sup>1</sup>		07/30/74	01/01/75	02/01/75	04/01/75
2	Cupola	PT	001	7 <sup>2</sup>	SCHEDULE	EXPIRED BEFORE 1975			
3	Cupola	PT	001	7 <sup>2</sup>	SCHEDULE	EXPIRED BEFORE 1975			
4	Cupola	PT	001	7 <sup>2</sup>	SCHEDULE	EXPIRED BEFORE 1975			
5	No Data								
6	Cupola	PT	001	7 <sup>2</sup>	SCHEDULE	EXPIRED BEFORE 1975			

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-22

SOURCE SUMMARY - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	TENNESSEE			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
7	Tenn Fabricating Co Memphis	018/I, III	44	3080	2340	0350	00350				7 <sup>3</sup>
8	Wm C Ellis & Sons Memphis	018/I, III	44	3080	2340		09001				7 <sup>3</sup>
9	Acheson Foundry Machine Works Chattanooga	055/I, III	44	1280	0380	0040				2.0	0
10	Eurica Foundry Company Chattanooga	055/I, III	44	1280	0380	1130				5.8	0
11	Ross-Meehan Foundries Chattanooga	055/I, III	44	1280	0380						0
12	Southern Foundry Chattanooga	055/I, III	44	1280	0380		03190				7 <sup>3</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 0 in CDS

TABLE 6.3-22

## POINT EMISSIONS AND ALLOWABLES

REGION IV		INDUSTRY	Gray Iron		SIC	3321	STATE	TENNESSEE		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL	DESIGN		OPER			
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY		
7	Cupola	PT CO	None None				22 460						
8	Cupola	PT CO	None None										
9	Cupola	PT CO	WS-97% None	2.0			<1						
10	Cupola	PT CO	None None	5.75			25 417						
11	No Data												
12	No Data												

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-22

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	TENNESSEE	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
7	Cupola	PT	001	7 <sup>2</sup>		SCHEDULE	EXPIRED BEFORE 1975		
8	Cupola	PT	901	7 <sup>2</sup>				01/01/75	07/01/75
9	No Data								
10	No Data								
11	No Data								
12	Cupola	PT	001	7 <sup>2</sup>		SCHEDULE	EXPIRED BEFORE 1975		

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-22

## SOURCE SUMMARY - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	TENNESSEE			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER 1	
13	U.S. Pipe & Foundry Chattanooga	055/I, III	44	1280	0380	0029	00029			307.0	7 <sup>3</sup>
14	Wheeland Foundry Chattanooga	055/I, III	44	1280	0380	3710	03190			968.0	0
15	Keller Foundry Knoxville	207/I, III	44	1720	1740	0004	00004			1.4	2
16	Knoxville Foundry Knoxville	207/I, III	44	1720	1740		09001				0
17	Tennessee Valley Foundry Knoxville	207/I, III	44	1720	1740	0087				0.2	0
18	Athens Plow Company Athens	207/I, III	44	2080	0060		09001 SIC 3522				7 <sup>3</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 0 in CDS

TABLE 6.3-22

## POINT EMISSIONS AND ALLOWABLES

REGION	IV	INDUSTRY	Gray Iron		SIC	3321	STATE	TENNESSEE		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE <sup>1</sup> KTPY	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
13	Cupola	PT CO	BH-99.0% None	307.		9 20						
14	Cupola	PT CO	WS/BH-99.5% None	324.		41						
	Cupola	PT CO	WS/BH-99.5% None	324.		23,500 41						
	Cupola	PT CO	WS/BH-99.5% None	160.		23,500 22						
	Cupola	PT CO	WS/BH-99.5% None	160.		11,600 22						
	Cupola	PT CO	WS/BH-99.5% None	1.43		11,600 1						
15	Cupola	PT CO	None None			103						
16	No Data											
17	Cupola	PT CO	None None	.190		14						
18	No Data											

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-22

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	TENNESSEE	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
13	Cupola	PT	001	7 <sup>2</sup>		SCHEDULE	EXPIRED BEFORE 1975		
14	No Data								
15			ALL	2					
16	No Data								
17	No Data								
18	Farm Mach Mfg	PT	901	7 <sup>2</sup>		SCHEDULE	EXPIRED BEFORE 1975		

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-22

## SOURCE SUMMARY - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	TENNESSEE	PG 1/3				
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		COMPLIANCE SOURCE STATUS	
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>		
19	Bristo Foundry & Machinery Bristol	207/I, III	44	3300	0240		09001				7 <sup>3</sup>	
20	Kingsport Foundry & Machine Corp Kingsport	207/I, III	44	3300	1700	0038	00038			4.5	7 <sup>3</sup>	
21	Inter-State Foundry Johnson City	207/I, III	44	3560	1680	09002					7 <sup>3</sup>	
22	Johnson City Foundry Johnson City	207/I, III	44	3560	1680	0018				1.3	0	
23	J. Bouchard & Son	208/I, III	44	0700			0026				3.7	0
24	Jakes Foundry Nashville	208/I, III	44	0700	2540	0024					7.2	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society  
Listed as 0 in CDS

TABLE 6.3-22

## POINT EMISSIONS AND ALLOWABLES

REGION	IV	INDUSTRY	Gray Iron		SIC	3321	STATE	TENNESSEE	PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE <sup>1</sup> KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
19	No Data											
20	Cupola	PT CO	WS-47.0% None	4.5		45 326						
21	No Data											
22	Cupola	PT CO	None None	1.25		11 91						
23	Cupola	PT CO	WS-95.0% None	3.7		2						
24	Cupola	PT CO	None Incin-99%	7.2		<1						

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-22

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	TENNESSEE	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
19	Cupola	PT	901	7 <sup>2</sup>		SCHEDULE	EXPIRED BEFORE 1975		
20	Cupola	PT	001	7 <sup>2</sup>		SCHEDULE	EXPIRED BEFORE 1975		
21	Cupola	PT	001	7 <sup>2</sup>		SCHEDULE	EXPIRED BEFORE 1975		
22	No Data								
23	No Data								
24	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-22

## SOURCE SUMMARY - EXISTING SOURCES

REGION <u>IV</u>		INDUSTRY	Gray Iron	SIC	3321	STATE	TENNESSEE			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		COMPLIANCE SOURCE STATUS
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>
25	Tennessee Foundry Nashville	208/I, III	44	0700	2540	0025				4.3	0
26	Lewisburg Casting Lewisburg	208/I, III	44	2240	1920	0009	00009			30.0	7 <sup>3</sup>
27	United Foundries Corp Camden	209/I, III	44	0140	0280						0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS

TABLE 6.3-22

## POINT EMISSIONS AND ALLOWABLES

REGION <u>IV</u>		INDUSTRY		Gray Iron		SIC	<u>3321</u>	STATE		TENNESSEE		PG 2/3	
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE, KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL	DESIGN		OPER			
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY		
25	Cupola	PT CO	None Incin-95%	4.25		2							
26	Cupola	PT CO	None None	30.0		255 2180							
27	No Data												

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-22

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IV	INDUSTRY	Gray Iron	SIC	3321	STATE	TENNESSEE	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
25	No Data								
26	Cupola	PT	001	7 <sup>1</sup>		SCHEDULE EXPIRED BEFORE 1975			
27	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

**RADIAN  
CORPORATION**

REGION V  
TABLES 6.3-23 TO 6.3-28

TABLE 6.3-23

## SOURCE SUMMARY - EXISTING SOURCES

REGION V		INDUSTRY	Gray Iron		SIC	3321		STATE		ILLINOIS		PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		COMPLIANCE STATURE	
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	Caterpiller Tract Mapleton	065/I, III	14	6100			0012	00012				5
2	S Side Foundry Peoria	065/I, III	14	6100	6080		0007	00007				4
3	Caterpiller Tractor Morton	065/I, III	14	7600	5300		0007					0
4	Pekin Foundry & Mfg Pekin	065/I, III	14	7600	6060		0012				5.3	0
5	Arzt Foundry Co T L Chicago	067/I, III	14	1540	1220							0
6	Chicago Ornamental Iron Melrose Park	067/I,I	14	1540	4980		0058				4.4	0

FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-23

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	ILLINOIS		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL	DESIGN		OPER		PPH	TPY
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY		
1	No Data												
2	No Data												
3	No Data												
4	Cupola	PT CO	None None	5.26			45 381						
5	No Data												
6	Rever b Fce	PT CO	None None	4.38			4						

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-23

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	ILLINOIS	PG3/3		
REFERENCE NUMBER	CDS POINT DESCRIPTION		POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
						01	02	03	04	05
1	No Data									
2				ALL	4					
3	No Data									
4	No Data									
5	No Data									
6	No Data									

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-23

## SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	ILLINOIS			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
7	Clow & Sons Inc Chicago	067/I,I	14	1540	1220	0041	00041			329.0	9
8	Elizabeth St Foundry Chicago	067/I,I	14	1540	1220	0015	00257			7	1
9	Francis & Nygren Foundry Chicago	067/I,I	14	1540	1220					1.5	0
10	Greenleaf Foundry Clinton	067/I,I	14	1540	1420	0092				33.2	0
11	Sheffield Foundry Chicago	067/I,I	14	1540	1220	0009				3.5	0
12	Taylor Forge Clinton	067/I,I	14	1540	1420	0097				43.8	0

FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-23

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	ILLINOIS		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL	DESIGN		OPER			
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY		
7	Cupola	PT CO	WS-82% None	329.0		504 23,900							
8	Cupola	PT CO	None None	.701		6 51							
9	No Data												
10	Elec Ind Fce	PT	None	16.6		12							
	Elec Arc Fce	PT	BH-98%	16.6		2							
11	Cupola	PT CO	None None	3.5		30 254							
12	Cupola	PT CO	None None	43.8		372 3,180							

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-23

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	ILLINOIS	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
7	Cupola	PT	023	7 <sup>2</sup>					05/30/75
8	No Data								
9	No Data								
10	No Data								
11	No Data								
12	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-23

## SOURCE SUMMARY - EXISTING SOURCES

REGION V		INDUSTRY Gray Iron		SIC	3321		STATE ILLINOIS				PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
13	Wells Mfg Co Skokie	067/I,I	14	1540	7160	0308	01005 NO SIC				4
14	Shumway & Sons CW Batavia	067/I,I	14	3800	0280						0
15	St Anne Foundry St Anne	067/I,I	14	3840		0010	00010			3.8	-
16	Sandwich Iron Fdry Plano	067/I,I	14	3860		0003	01001				-
17	North Shore Fdry Waukegan	067/I,I	14	4000		0012	01002 NO SIC			2.0	-
18	Joliet Foundry Joliet	067/I,I	14	8320	3760	0011	00011			1.5	9

FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-23

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	ILLINOIS	PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>							
					EMISSIONS - TPY			SIP ALLOWABLES			
					POTENTIAL	OPER <sup>1</sup>	ACTUAL	DESIGN	OPER		
					DESIGN	OPER <sup>1</sup>	ACTUAL	PPH	TPY	PPH	TPY
13	No Data										
14	No Data										
15	Cupola	PT CO	None None	3.8			32 276				
16	No Data										
17	Elec Ind Fce	PT	None	2.02			2				
18	Cupola	PT CO	None None	1.49			13 108				

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-23

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	ILLINOIS	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
13			ALL	4					
14	No Data								
15	Cupola	PT	001	7 <sup>1</sup>		SCHEDULE	EXPIRED BEFORE 1975		
16	No Data								
17	No Data								
18	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-23

SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	ILLINOIS				PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>
19	Chicago Dubuque Fdry East Dubuque	068/I, III	14	3700		0001	00001			3.0	9
20	Westwick Foundry Galena	068/I, III	14	3700	2720	0004				1.5	0
21	Galva Foundry Galva	069/I, III	14	3280	2780	0001	00001			9.4	4
22	Frank Foundry Moline	069/I, III	14	6720	5120	0009	00009			25.3	0
23	John Deere Co Moline	069/I, III	14	6720	5120	0011					0
24	Owens-Illinois Inc Alton	070/I,I	14	4680	0160	0013	00013				4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-23

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	ILLINOIS		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	Emissions - TPY						SIP Allowables		
					Potential		ACTUAL	Design		Oper <sup>1</sup>		Design	
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	PPH	TPY
19	Cupola	PT CO	None None	2.990		51 217							
20	Cupola	PT CO	None None	1.480		13 107							
21	Cupola	PT CO	None None	9.360		80 679							
22	Cupola	PT CO	None None	20.4		31 1480							
	Elec. Ind Fce	PT	None	4.91		5							
23	Cupola	PT CO	WS-50%										
	Cupola	PT CO	None None										
24	No Data												

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-23

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	ILLINOIS	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
19	No Data							
20	No Data							
21			ALL	4				
22	No Data							
23	No Data							
24			ALL	4				

FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS

<sup>2</sup> Listed as 0 in CDS

<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-23

## SOURCE SUMMARY - EXISTING SOURCES

REGION V	INDUSTRY	Gray Iron	SIC	3321	STATE	ILLINOIS			PG 1/3		
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
25	E St Louis Casting East St Louis	070/I,I	14	6900	2120	0033				11.9	0
26	Excelsior Foundry Belleville	070/I,I	14	6900	0320	0029				1.3	0
27	Modern Foundry Mascoutah	070/I,I	14	6900	4860	0035	00035			3.2	4
28	Richland Foundry Co Belleville	070/I,I	14	6900	0320	0008				1.3	0
29	Wirco Castings New Athens	070/I,I	14	6900		0009	00009			7.2	1
30	Moline Corp Cast Prod Belvidere	073/II, III	14	0540	0360						0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-23

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	ILLINOIS		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY						SIP ALLOWABLES		
					EMISSIONS - TPY		DESIGN		ACTUAL	DESIGN		OPER	
					POTENTIAL	OPER <sup>2</sup>	DESIGN	OPER <sup>2</sup>		PPH	TPY	PPH	TPY
25	Cupola	PT CO	BH-90% None	11.9		1 864							
26	Elec Ind Fce	PT	None	1.31		<1							
27	Cupola	PT CO	WS-97% None	3.2		<1 232							
28	Cupola	PT CO	None None	1.31		11 95							
29	Cupola	PT CO	WS-83% INCIN-99%	7.18		12							
30	No Data												

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-23

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	ILLINOIS	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
25	No Data								
26	No Data								
27			ALL	4					
28	No Data								
29	No Data								
30	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-23

## SOURCE SUMMARY - EXISTING SOURCES

REGION V		INDUSTRY Gray Iron		SIC	3321		STATE ILLINOIS		PG 1/3		
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
31	Nat Gray Iron Foundry Belvidere	073/II, III	14	0540	0360	0002	00002			47.0	4
32	Richmond Foundry Co Richmond	073/II, III	14	4540							0
33	Beloit Foundry Corp South Beloit	073/II, III	14	8400	7180	0013				16.7	0
34	Davey Pump Corp Rockford	073/II, III	14	8400	6680	0003				30.1	0
35	Mattison Machine Works Rockford	073/II, III	14	8400	6680						0
36	American Foundry & Mfg Salem	074/III, III	14	4740	6920	0001	00004				1

FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-23

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	ILLINOIS		PG 2/3					
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	Emissions - TPY							SIP Allowables			
					POTENTIAL		ACTUAL	DESIGN		OPER <sup>1</sup>		DESIGN		OPER	
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	PPH	TPY	PPH	TPY
31	Cupola	PT CO	None None	47.0				400		3410					
32	No Data														
33	Cupola	PT CO	None None	16.7				142		1210					
34	Cupola	PT CO	None None	30.1				256		2180					
35	No Data														
36	Cupola	PT CO	None None												

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-23

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	ILLINOIS	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
31			ALL	4				
32	No Data							
33	No Data							
34	No Data							
35	No Data							
36	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-23

## SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	ILLINOIS			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	
37	Chambers Bering Quinlan Decatur	075/I, III	14	4620	1740						0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-23

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	ILLINOIS		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY	NEDS POINT SOURCE OPER RATE KTPY	EMISSIONS - TPY						SIP ALLOWABLES	
					EMISSIONS - TPY		ACTUAL	DESIGN		OPER		
					POTENTIAL	DESIGN		PPH	TPY	PPH	TPY	
37	No Data											

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-23

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	ILLINOIS	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
37	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-24

SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	INDIANA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	Blaw-Knox Fdry East Chicago	067/I,I	15	2360		0009	00009				5
2	Keen Cast Mfg Griffith	067/I,I	15	2360	1740		00050			7.5	4
3	Keen Foundry Co Inc Griffith	067/I,I	15	2360	1740	0025	00025				9
4	Frank Fdries Muncie	076/II, III	15	1100	2920	0004	00004			17.1	5
5	Atlas Fdry Co Marion	076/II, III	15	1600	2620	0002				7.5	0
6	Bahr Bros Mfg Inc Marion	076/II, III	15	1600	2620						0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-24

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	INDIANA		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY <sup>1</sup>	
1	No Data											
2	Cupola	PT CO	CYCL-99% None	7.5			<1 544				11 1	
3	No Data											
4	Cupola	PT CO	WS-84.2% None	17.1			1,240		23		16 1	
5	Cupola	PT CO	None None	7.5			64 544				13 1	
6	No Data											

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-24

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	INDIANA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	No Data								
2			ALL	4					
3	Cupola	PT	010	7 <sup>2</sup>				03/01/74	
	Cupola	PT	012	7 <sup>2</sup>				04/01/75	
	Cupola	PT	013	7 <sup>2</sup>				01/01/75	
								04/01/75	
4	Cupola	PT	010	4					
	Sand Handling	PT	020	5	06/01/75	01/01/76	07/01/76	09/15/76	
5	No Data								
6	No Data								

FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS

<sup>2</sup> Listed as 0 in CDS

<sup>3</sup> Schedule Not Approved by EPA

TABLE 6,3-24

## SOURCE SUMMARY - EXISTING SOURCES

REGION V		INDUSTRY	Gray Iron		SIC	3321		STATE		INDIANA		PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS				SOURCE PRODUCTION RATE-KTPY		COMPLIANCE SOURCE STATUS	
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>			
7	Pope Fdry & Machine Marion	076/II, III	15	1600	2620	0008					1.4	0	
8	Dana Corp New Castle	076/II, III	15	1880	3000	0007					19.6	0	
9	Davis Fdry Corp New Castle	076/II, III	15	1880	3000	0002					4.0	0	
10	Overmyer Corp Winchester	076/II, III	15	3540	4580	0007					6.3	0	
11	Dana Corp Richmond	076/II, III	15	4440	3580	0004	00004				50.0	8	
12	Swayne Robinson Richmond	076/II, III	15	4440	3580	0010	00012				19.7	5	

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-24

POINT EMISSIONS AND ALLOWABLES

REGION		V	INDUSTRY	Gray Iron		SIC	3321	STATE	INDIANA		PG 2/3	
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE <sup>1</sup> KTPY	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY <sup>1</sup>	
7	Cupola	PT CO	None None	1.4			12 99					11 1
8	Cupola	PT CO	None None	19.6			167 1,420					38
9	Cupola	PT CO	None None	4			34 290					10 1
10	Cupola	PT CO	None None	6.3			53 454					14 1
11	Cupola	PT CO	WS-99.8% None	50			<1 3,630					71 1
12	Cupola	PT CO	WS-91% None	19.7			1,430	16				19 1

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-24

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	INDIANA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
7	No Data								
8	No Data								
9	No Data								
10	No Data								
11	Cupola Cupola	PT PT	010 012	4 4				01/01/75 04/01/75	
12	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-24

SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron			SIC	3321	STATE	INDIANA		PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
13	Gorsuch Fdry Inc Jeffersonville	078/I, III	15	0700	2160	0004				2.0	0
14	Stedman Fdry & Mach Aurora	079/I, III	15	1000	0180	0006				14.4	0
15	Thatcher Glass Co Lawrenceburg	079/I, III	15	1000		0007	00007				9
16	Noblesville Casting Noblesville	080/I, I	15	1760	3100	0001	00001				7 <sup>1</sup>
17	Noblesville Casting Noblesville	080/I, I	15	1760	3100	0002				35.3	0
18	Chrysler Corp Ind Fdry Indianapolis	080/I, I	15	2640	2040	0012	00012			294.0	7 <sup>3</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS

TABLE 6.3-24

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	INDIANA		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER			
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY <sup>1</sup>		
13	Cupola	PT CO	WS-58.8% INCIN-85.7%	2			7 17					2 17	
14	Cupola	PT CO	WS-90% INCIN-94%	14.4		63	14					13 65	
15	No Data												
16	No Data												
17	Cupola	PT CO	WS-53% None	17.0		68 1230 14						17 1 22	
	Elec Ind Fce	PT	None	18.3									
18	Cupola	PT CO	WS-99.9% None	294		21,300						155 1	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-24

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	INDIANA	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
13	No Data							
14	No Data							
15	No Data							
16	Cupola Cupola	PT PT	010 020	7 <sup>2</sup> 7 <sup>2</sup>				01/01/75 04/01/75
17	No Data							
18	Cupola Cupola	PT PT	010 012	4 4				01/01/75 04/01/75

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-24

## SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	INDIANA				PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
19	Dean Bros Pumps Indianapolis	080/I, I	15	2640	2040	0016				0.8	0
20	Interstate Foundry Co Indianapolis	080/I, I	15	2640	2040						0
21	Deactur Casting Decatur	081/II, III	15	0020	1020	0002	00002			12.0	5
22	Auburn Fdry Auburn	081/II, III	15	1060	0160	0001	00002			63.4	9
23	Kendallville Foundry Kendallville	081/II, III	15	3080	2220	0001	00001			16.0	8
24	Lane Foundry Inc. Kendallville	081/II, III	15	3080	2220	0002	00002			33.3	6

FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-24

## POINT EMISSIONS AND ALLOWABLES

REGION		V	INDUSTRY	Gray Iron		SIC	3321	STATE	INDIANA		PG 2/3	
REFERENCE NUMBER	POINT SOURCE DESCRIPTION	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY	NEDS POINT SOURCE OPER RATE KTPY	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER		PPH	TPY	PPH	TPY	
19	Cupola	PT CO	None None	.77		7 55						
20	No Data											
21	Cupola	PT CO	ESP-99.2% None	12.0		870	3					11 1
22	Cupola	PT CO	WS-53% INCIN-80%	63.4		253 919						69 1
23	Cupola	PT CO	WS-47% None	16		72 1160						14
24	Cupola	PT CO	None None	33.3		283 2,410						34 1

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-24

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	INDIANA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
19	No Data								
20	No Data								
21	Cupola	PT	010	4				01/01/75	
	Cupola	PT	020	4				01/01/75	
22	Cupola	PT	010	4				01/01/75	
23	Cupola	PT	010	7 <sup>2</sup>				01/01/75	
24	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-24

SOURCE SUMMARY - EXISTING SOURCES

REGION V		INDUSTRY Gray Iron		SIC	3321		STATE INDIANA				PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
25	Newnam Foundry Co Kendallville	081/II, III	15	3080	2220	0004	00004			177.7	7 <sup>3</sup>
26	Sterling Casting Corp Bluffton	081/II III	15	4460	0400	0005	00005			13.3	8
27	Elkart Foundry & Mach Inc Elkart	082/I, III	15	1260	1240	0008	00008				9
28	Archer Foundry Leesburg	082/I, III	15	2300		0001				1.0	0
29	Dalton Foundries Warsaw	082/I, III	15	2300	4380	0003	00003			66.7	4
30	Warsaw Foundry Co Warsaw	082/I, III	15	2300	4380	0006				4.5	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 0 in CDS

TABLE 6-3-24

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	INDIANA		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	Emissions - TPY						SIP Allowables	
					Potential		ACTUAL <sup>1</sup>	Design		Oper		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY <sup>1</sup>	
25	#1 Cupola	PT CO	WS-90% None	73.9		5,360	86				68	
	#2 Cupola					6,800		101				81
26	Cupola	PT CO	WS-85% None	13.3		961						17
27	No Data											
28	Cupola	PT CO	None None	1		73		1				2 1
29	Cupola	PT CO	WS-99% None	66.7		6 4,830						68 1
30	Cupola	PT CO	None None	4.5		38 326						7 1

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-24

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	INDIANA	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
25	Cupola	PT	010	7 <sup>1</sup>				01/01/75
26	Cupola	PT	010	4				01/01/75
26	Cupola	PT	012	7 <sup>2</sup>				04/01/75
27	Cupola	PT	010	7 <sup>2</sup>				01/01/75
28	No Data							
29								
30	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-24

SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	INDIANA				PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
31	Josam Mfg Co Michigan City	082/I, III	15	2400	2740	0009	00009 SIC 3999			12.5	5
32	LaPorte Foundry Co LaPorte	082/I, III	15	2400	2380	0013	00013			7.9	4
33	Teledyne-Casting LaPorte	082/I, III	15	2400	2380	0018	00018			29.3	5
34	Weil-McLain Michigan City	082/I, III	15	2400	2740	0020	00020			5.5	8
35	Bremen Gray Iron Found Bremen	082/I, III	15	2660	0480	0001	00001			15.2	8
36	Plymouth Foundry Plymouth	082/I, III	15	2660	3380	0003				0.6	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-24

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	INDIANA		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					EMISSIONS - TPY		ACTUAL <sup>1</sup>	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY <sup>1</sup>	
31	Cupola	PT CO	None None	12.5			106 906				23 1	
32	Cupola	PT CO	None None	7.9			67 57				17	
33	Cupola	PT CO	WS-95% None	29.3			12 2,130				49	
34	Cupola	PT CO	WS-71% None	5.5			13 397				6 1	
35	Cupola	PT CO	WS None	15.2			1,100		13		72 1	
36	Cupola	PT CO	None None	.58			5 42				2	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-24

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	INDIANA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
31	Cupola	PT	010	7 <sup>2</sup>					01/01/75
32			ALL	4					
33	Cupola	PT	010	7 <sup>1</sup>					01/01/75
34	Cupola	PT CO	010	7 <sup>2</sup>					01/01/75
35	Cupola	PT	010	4					01/01/75
36	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-24

SOURCE SUMMARY - EXISTING SOURCES

REGION V		INDUSTRY	Gray Iron		SIC	3321		STATE	INDIANA		PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
37	Dodge Mfg Corp Mishawaka	082/I, III	15	3700	2760	0007	00007 SIC 3569				9
38	Sibley Mach & Found South Bend	082/I, III	15	3700	3880	0010	00010		22.1		9
39	Essex Castings Inc Columbus	083/IA, III	15	0220	0820						0
40	Golden Foundry Columbus	083/IA, III	15	0220	0820		00007				4
41	Woodward Co Golden Fdry Columbus	083/IA, III	15	0220	0820	0006	00006			84.4	9
42	Dana Corp Rushville	083/IA, III	15	3660	3680	0002	00002			16.6	8

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-24

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	INDIANA		PG 2/3					
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY						SIP ALLOWABLES				
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER <sup>1</sup>		DESIGN		OPER	
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY <sup>1</sup>				
37	No Data														
38	Cupola	PT CO	WS-95% INCIN-99.9%	22.1			<1 2								22 2
39	No Data														
40	No Data														
41	Cupola	PT CO	CYCL-99% INCIN-99%	84.4				7 61							134 61
42	Cupola	PT CO	None None	16.6			1,210		18						22

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-24

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	INDIANA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
37	Cupola	PT	010	7 <sup>2</sup>					01/01/75
38	No Data								
39	No Data								
40			ALL	4					
41	No Data								
42	Cupola	PT	010	4					

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-24

SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	INDIANA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
43	Fountain Fdry Veedersburg	084/I, III	15	1400		0001				6.0	0
44	Akron Foundry Akron	084/I, III	15	1480		0001				1.0	0
45	Rochester-Metal Prods Rochester	084/I, III	15	1480	3620	0002	00002			14.3	9
46	Peru Foundry Co Inc Peru	084/I, III	15	2720	3300						0
47	Davies Fdry Terre Haute	084/I, III	15	4260	4080	0005				0.2	0
48	Gartland Fdry Terre Haute	084/I,	15	4260	4080	0007				11.3	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-24

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	INDIANA		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY						SIP ALLOWABLES	
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY <sup>1</sup>	
43	Cupola	PT CO	None None	6								
44	Cupola	PT CO	None None	1			9 73				2 1	
45	Cupola	PT CO	None None	14.3			121 207				26 1	
46	No Data											
47	Cupola	PT CO	BH-90% None	.18			<1 13					
48	Cupola	PT CO	WS-99.8% None	11.3			4 816				10 1	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-24

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	INDIANA	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
43	No Data							
44	No Data							
45	Cupola	PT	010	7				01/01/75
46	No Data							
47	No Data							
48	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-24

SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	INDIANA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
49	No Manchester Foundry North Manchester	084/I, III	15	4320	3120						0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-24

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	INDIANA		PG 2/3	
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY			SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER	
					DESIGN	OPER		PPH	TPY	PPH	TPY
49	No Data										

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-24

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	INDIANA	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
49	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-25

SOURCE SUMMARY - EXISTING SOURCES

REGION	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN	PG 1/3				
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	Anstey Foundry Kalamazoo	082/I, III	23	0540	2640	0001				2.5	0
2	Auto Specialties St Joseph	082/I, III	23	0540	4700	0002	00002			34.0	4
3	Bendix-New Foundry St Joseph	082/I, III	23	0540	4700	0004					0
4	Bendix-Old Foundry St Joseph	082/I, III	23	0540	4700	0005				12.5	0
5	Clark Equipment Buchanan	082/I, III	23	0540	0720	0007				16.5	0
6	National Motor Casting Div South Haven	082/I, III	23	5180	4920	0001				41.3	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	MICHIGAN		PG 2/3						
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY								SIP ALLOWABLES			
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN <sup>1</sup>		OPER <sup>1</sup>			DESIGN		OPER	
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY					
1	Cupola	PT CO	None None	2.5												
2	Cupola	PT CO	None None	34.0			2470									
3	Cupola	PT CO	None None													
4	Cupola	PT CO	None None	12.5												
5	Elec Ind Fce	PT	BH -98%	16.5												
6	Cupola	PT CO	None None	41.3												

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	No Data								
2			ALL	4					
3	No Data								
4	No Data								
5	No Data								
6	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-25

## SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
7	Bay City Foundry Bay City	122/II, III	23	0400	0420	0003				5.0	0
8	General Foundry Flint	122/II, III	23	1700	1580	0014	00014				5
9	American Seating Grand Rapids	122/II, III	23	2720	1820	0001				10.0	0
10	Betz Fdry Grand Rapids	122/II, III	23	2720	1820	0002	00001			6.0	0
11	Engineering Fdry Grand Rapids	122/II, III	23	2720	1820	0004				0.3	0
12	Grand Rapid Fdry Grand Rapids	122/II, III	23	2720	1820	0011				7.2	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	MICHIGAN		PG 2/3	
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY						
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN <sup>1</sup>		OPER <sup>1</sup>	
					PPH	TPY		PPH	TPY	PPH	TPY
7	Cupola	PT CO	None None	5.0							
8	No Data										
9	Cupola	PT CO	None None	10.0							
10	Cupola	PT CO	None None	6.0							
11	Cupola	PT CO	None None	.325							
12	Cupola	PT CO	None None	3.6			31				
	Cupola	PT CO	None None	3.6			261				

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
7	No Data								
8	No Data								
9	No Data								
10	Cupola	PT	001	4					
11	No Data								
12	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-25

SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN				PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
13	Sparta Fdry Div of Sparta	122/II, III	23	2720	4960	0019	00019			40.0	<sup>3</sup> 4
14	Almont Mfg Flint	122/II, III	23	2880	1580	0001				15.0	0
15	Bostick Fdry Lapeer	122/II, III	23	2880	2860	0003				12.5	0
16	Great Lakes Casting Ludington	122/II, III	23	3360	3100	0005	00005			20.0	0
17	Campbell Wyant & Cannon Muskegan	122/II, III	23	3760	3740	0006	00006			75.0	<sup>4</sup> 4
18	Alloyed Gray Iron Grand Rapids	122/II, III	23	3760	1820	0001				21.5	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Blank in CDS

TABLE 6.3-25

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	MICHIGAN		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER			
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY		
13	Cupola	PT CO	None	20.0									
	Cupola		None	20.0									
14	Cupola	PT CO	None	7.5									
	Cupola		None	7.5									
15	Cupola	PT CO	None	12.5									
			None										
16	Cupola	PT CO	None	20.0									
			None										
17	Cupola	PT CO	None	15.0			128						
	Cupola	PT CO	None	15.0			128						
	Cupola	PT CO	None	15.0			128						

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN	PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	SIP ALLOWABLES					
					EMISSIONS - TPY			DESIGN	OPER	
					POTENTIAL	ACTUAL <sup>1</sup>	PPH	TPY	PPH	TPY
DESIGN <sup>1</sup>	OPER <sup>1</sup>									
17 Cont.	Cupola	PT CO	None	15.0		128				
	Cupola	PT CO	None	15.0		128				
18	Elec Ind Fce	PT	BH	21.5						

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
13	Unknown Unknown	PT PT	001 002	4 4					
14	No Data								
15	No Data								
16	Cupola	PT	001	IN					
17	No Data								
18	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-25

## SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		COMPLIANCE SOURCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
19	Campell Wyant Muskegan	122/II, III	23	3760	3740	0005	00005			33.8	4
20	Campbell Wyant & Cannon Muskegan	122/II, III	23	3760	3740	0008	00008			50.0	4
21	Cannon Musk Fdry Muskegan	122/II, III	23	3760	3740	0009					0
22	Mich Fdry & Supply Muskegan	122/II, III	23	3760	3740	0015					0
23	Sealed Power Muskegan	122/II, III	23	3760	3740	0019				28.0	0
24	White Lake Fdry Grand Rapids	122/II, III	23	3760	1820	0023				1.1	0

FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	MICHIGAN		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY						SIP ALLOWABLES	
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER		
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
19	Cupola	PT CO	None	16.9		143						
	Cupola		None	16.9		143						
20	Cupola	PT CO	None	12.5		106						
	Cupola		None	12.5		106						
21	Elec Ind Fce	PT	None									
22	Cupola	PT CO	None									
23	Cupola	PT CO	None	28.0				470				
24	Cupola	PT CO	None	1.13				6880				
								86				
								82				

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25 POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
19			ALL	4					
20			ALL	4					
21	No Data								
22	No Data								
23	No Data								
24	No Data								

FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS

<sup>2</sup> Listed as 0 in CDS

<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-25

SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN				PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
25	Kurdziel Iron Ind Rothbury	122/II, III	23	4020		0001				3.0	5
26	Western Foundry Holland	122/II, III	23	4160	2160	0003				7.5	0
27	GMC Central Fndry Div Saginaw	122/II, III	23	4780	4760	0003	10006			476.5	5
28	Chev Grey Iron Fdry Saginaw	122/II, III	23	4780	4760	0005	00005			912.0	5
29	Valley Grey Iron Fdry Saginaw	122/II, III	23	4780	4760	0015					0
30	Patboard Casting Owosso	122/II, III	23	4860	4180	0002				5.0	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	MICHIGAN		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER			
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY		
25	Cupola	PT CO	None None	3.0			22 313						
26	Cupola	PT CO	CYCL-80% None	7.5			52 750						
27	Induct	PT	None	95.3			71						
	Cupola	PT CO	None None	95.3			178 5570						
28	Cupola	PT CO	WS-56% None	228.0			858 28500						
	Cupola	PT CO	WS-56% None	228.0			858 28500						
29	Cupola	PT CO	None None										
30	Elec Ind Fce	PT	None	5.0			4						

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
25	No Data								
26	No Data								
27	No Data								
28	No Data								
29	No Data								
30	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-25

## SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN	PG 1/3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
31	Eaton Corp Fdry Div Vassar	122/II, III	23	5160	5200		00001				1
32	Eaton Yale & Towne Permanent Mold Fdry Vassar	122/II, III	23	5160	5200	0002				62.4	0
33	Great Lakes Fdry Vassar	122/II, III	23	5160	5200	0003					0
34	Schwarb Fdry Warren	123/I, III	23	3140	5260	0013				3.5	0
35	Threaded Prod Richmond	123/I, III	23	3140	4400	0014					0
36	Pontiac Motors, Div GMC Pontiac	123/I, III	23	3980	4320	0012	00012			319.8	4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	MICHIGAN		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					EMISSIONS - TPY		ACTUAL <sup>1</sup>	DESIGN		OPER			
					POTENTIAL	DESIGN <sup>1</sup>	OPER <sup>1</sup>	PPH	TPY	PPH	TPY		
31	No Data												
32	Cupola	PT	None	20.8			198						
	Cupola	CO	None				3300						
	Cupola	PT	None	20.8			198						
	Cupola	CO	None				3300						
33	No Data												
34	Cupola	PT	None	3.5			5						
		CO	None				436						
35	No Data												
36	Cupola	PT	None	53.3			464						
		CO	None				6670						

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	MICHIGAN		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER		
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
36 Cont.	Cupola	PT	None	53.3		464						
		CO	None	53.3		6670						
	Cupola	PT	None	53.3		464						
		CO	None	53.3		6670						
	Cupola	PT	None	53.3		464						
		CO	None	53.3		6670						
	Cupola	PT	None	53.3		464						
		CO	None	53.3		6670						
	Cupola	PT	None	53.3		464						
		CO	None	53.3		6670						

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
31	No Data								
32	No Data								
33	No Data								
34	No Data								
35	No Data								
36		ALL	4						

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-25

SOURCE SUMMARY - EXISTING SOURCES

REGION V		INDUSTRY Gray Iron		SIC 3321		STATE MICHIGAN				PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
37	Littite Fdry Port Huron	123/I, III	23	4620	4340	0006				3.6	0
38	Marine City Mfg Co Marine City	123/I, III	23	4620	3240						0
39	Eaton Yale & Towne Shell Mold Fndry Vassar	123/I, III	23	5160	5200	0001				12.5	0
40	Budd Wheel Detroit	123/I, III	23	5320	1180	0012				105.0	0
41	Central Iron Fdry Detroit	123/I, III	23	5320	1180	0015					0
42	Chrysler Huber Fdry Detroit	123/I, III	23	5320	1180		00021				4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	MICHIGAN		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER			
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY		
37	Cupola	PT CO	None None	3.6			31 450						
38	No Data												
39	Cupola	PT CO	None None	12.5			50 906						
40	Cupola	PT CO	WS-90.8% None	57.5			45 4170						
	Cupola	PT CO	WS-90.8%	57.5			45 4170						
41	No Data												
42	No Data												

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
37	No Data							
38	No Data							
39	No Data							
40	No Data							
41	No Data							
42		ALL	4					

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-25

SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
43	Conway Fdry Detroit	123/I, III	23	5320	1180	0028					0
44	Ford Motor Dearborn	123/I, III	23	5320	1140	0044	00044				5
45	Ford Motor Dearborn	123/I, III	23	5320	1140	0046	00046			138.0	5
46	Ford Motor Dearborn	123/I, III	23	5320	1140	0045	00045			928.0	5
47	Ford Steel Div Dearborn	123/I, III	23	5320	1140	0044	10001				4
48	Ford Steel Div Dearborn	123/I, III	23	5320	1140	0044	10002				4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	MICHIGAN		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	Emissions - TPy						SIP Allowables		
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN <sup>1</sup>		OPER <sup>1</sup>		DESIGN	
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	PPH	TPY
43	Cupola	PT CO	WS-85% None										
44	No Data												
45	Cupola	PT CO	WS-98% None	46.0			8	3340					
	Cupola	PT CO	WS-98% None	46.0			8	3340					
	Cupola	PT CO	WS-98% None	46.0			8	3340					
	Elec Ind Fce	PT	None				3340						
46	Cupola	PT CO	WS-98% None	116.0				8370	145				
	Cupola	PT CO	WS-98% None	116.0				8370	145				
	Cupola	PT CO	WS-98% None	116.0				8370	145				
	Cupola	PT CO	WS-98% None	116.0				8370	145				

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	MICHIGAN		PG 2/3					
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY						SIP ALLOWABLES				
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN <sup>1</sup>		OPER <sup>1</sup>		DESIGN		OPER	
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	PPH	TPY	PPH	TPY
46 Cont.	Cupola	PT	WS-98%	116.0			145								
	Cupola	CO	None		8370		145								
	Cupola	PT	WS-98%	116.0			145								
	Cupola	CO	None		8370		145								
47	No Data														
48	No Data														

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
43	No Data							
44	A11	PT	000	5			07/01/75	09/01/75
45	A11	PT	000	5		05/15/75	07/15/75	07/15/75
46	No Data							
47			ALL	4				
48			ALL	4				

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-25

SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER. <sup>1</sup>	
49	Great Lakes Steel River Rouge	123/I, III	23	5320	4420	0059	1004				5
50	Great Lakes Steel River Rouge	123/I, III	23	5320	4420	0059	10003				4
51	Mich Casting Ctr Flat Rock	123/I, III	23	5320			00114				4
52	Norton Precision Inc Ferndale	123/I, III	23	5320	1520						0
53	Vulcan Mold & Iron Trenton	123/I, III	23	5320	5120	0084					0
54	American Fdry Milan	124/I, III	23	3600	3520	0001				3.4	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	MICHIGAN		PG 2/3	
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY			SIP ALLOWABLES			
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER	
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY
49	No Data										
50	No Data										
51	No Data										
52	No Data										
53	No Data										
54		PT	None	3.38			29 422				

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
49	No Data								
50	No Data								
51			ALL	4					
52	No Data								
53	No Data								
54	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-25

## SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>
55	PK&A Fdry Milan	124/I, III	23	3600	3520	0012				7.0	0
56	Viking Corp Hastings	125/II, III	23	0360	2060	0001					0
57	Midwest Foundry Coldwater	125/II, III	23	0680	1060	0002				78.0	0
58	Battle Creek Foundry Battle Creek	125/II, III	23	0760	0380	0001				8.0	0
59	Brooks Foundry Albion	125/II, III	23	0760	0040	0002	00001			18.0	4
60	Calhoun Foundry Jackson	125/II, III	23	0760	2600	0004				8.0	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	MICHIGAN		PG 2/3		
REFERENCE NUMBER	POINT SOURCE <sup>1</sup> DESCRIPTION	POLLUTANT	CONTROL <sup>1</sup> EQUIPMENT-EFFICIENCY	NEDS POINT SOURCE OPER RATE KTPY	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
55	Cupola	PT CO	None None	7.9			61 375					
56	No Data											
57	Cupola	PT CO	CYCL-90%	39.0			33					
	Cupola	PT CO	None CYCL-90%	39.0			2830 33					
58	Cupola	PT CO	None None	8.0			68 580					
59	Cupola	PT CO	None None	18.			153 1310					
60	Elec Ind Fce	PT	None	8.0			6					

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25 POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
55	No Data								
56	No Data								
57	No Data								
58	No Data								
59		ALL		4					
60	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-25

SOURCE SUMMARY - EXISTING SOURCES

REGION V		INDUSTRY Gray Iron		SIC	3321		STATE MICHIGAN				PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
61	Hayes Albion Albion	125/II, III	23	0760	0040	0007	00007			250.0	4
62	Ideal Casting Albion	125/II, III	23	0760	0040	0008				3.0	0
63	Midwest & Metallurgical Lab Marshall	125/II, III	23	0760	3300						0
64	Special Casting Marshall	125/II, III	23	0760	3300	0013					0
65	Springfield Foundry Battle Creek	125/II, III	23	0760	0380	0014				1.3	0
66	Johnson Iron Wks Charlotte	125/II, III	23	1340	0880	0002				8.0	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN	PG 2/3		
REFERENCE NUMBER	POINT SOURCE <sup>1</sup> DESCRIPTION	POLLUTANT	CONTROL <sup>1</sup> EQUIPMENT-EFFICIENCY	NEDS POINT SOURCE OPER RATE KTPY						
					EMISSIONS - TPY			SIP ALLOWABLES		
					POTENTIAL	OPER <sup>1</sup>	ACTUAL	DESIGN	OPER	
					DESIGN		PPH	TPY	PPH	TPY
61	Reverb Fce	PT CO	None None	250.0		250				
62	Cupola	PT CO	None None	3.0		26 218				
63	No Data									
64	No Data									
65	Cupola	PT CO	None None	1.25		11 91				
66	Cupola	PT CO	None None	8.0		68 580				

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
61			ALL	4					
62	No Data								
63	No Data								
64	No Data								
65	No Data								
66	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-25

## SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN	PG 1/3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
67	Hillsdale Foundry Hillsdale	125/II, III	23	2140	2120	0002				6.0	0
68	Centrifuse Inc Lansing	125/II, III	23	2360	2840	0001				40.5	0
69	Pioneer Foundry Jackson	125/II, III	23	2620	2600	0004				3.0	0
70	Riverside Fdry Galvanizing Div Kalamazoo	125/II, III	23	2660	2640	0015				2.5	0
71	Dock Foundry Sturgis	125/II, III	23	4720	5020	0001				5.0	0
72	Sturgis Fdry Sturgis	125/II, III	23	4720	5020	0003				10.0	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	MICHIGAN		PG 2/3		
REFERENCE NUMBER	POINT SOURCE <sup>1</sup> DESCRIPTION	POLLUTANT	CONTROL <sup>1</sup> EQUIPMENT-EFFICIENCY	NEDS POINT <sup>1</sup> SOURCE OPER RATE KTPY	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
67	Cupola	PT CO	None None	6.0			13 435					
68	Cupola	PT CO	None None	40.5			41 2940					
69	Cupola	PT CO	None None	3.0			26 218					
70	Cupola	PT CO	None None	2.5			21 181					
71	Cupola	PT CO	None None	5.0			43 363					
72	Cupola	PT CO	None None	10.0			85 725					

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
67	No Data								
68	No Data								
69	No Data								
70	No Data								
71	No Data								
72	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-25

SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
73	Motor Wheel Ypsilanti	125/II, III	23	5280	5460	0004	00004			29.8	5
74	Cleveland Cliffs Iron Ishpeming	126/III III	23	0080			10002				1
75	Besser Co Alpena	126/III III	23	0220	0200	0002				0.5	0
76	Thunder Bay Alpena	126/III III	23	0220	0200	0004				10.0	0
77	East Jordan Iron Wks East Jordan	126/III III	23	0860		0001	00001			38.0	0
78	Frank Smith Castings Iron Mountain	126/III III	23	1200	2480	0002					0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	MICHIGAN		PG 2/3		
REFERENCE NUMBER	POINT SOURCE <sup>1</sup> DESCRIPTION	POLLUTANT	CONTROL <sup>1</sup> EQUIPMENT-EFFICIENCY	NEDS POINT SOURCE OPER RATE KTPY	EMISSIONS - TPY				SIP ALLOWABLES			
					EMISSIONS - TPY		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
73	Cupola	PT CO	None None	29.8		253 2160						
74	No Data											
75	Elec Ind Fce	PT	None	0.5								
76	Elec Ind Fce Elec Ind Fce	PT PT	None None	5.0 5.0								
77	Cupola Cupola	PT CO PT CO	None None None None	19.0  19.0		165 2380 165 2380						
78	No Data											

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
73	No Data								
74	No Data								
75	No Data								
76	No Data								
77	No Data								
78	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-25

SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
79	Grede Foundry Kingsford	126/III III	23	1200	2760	0003				20.0	0
80	Traverse City Iron Traverse City	126/III III	23	1840	5100	0002				4.4	0
81	Manistee Iron Works Manistee	126/III III	23	3200	3180	0002				4.0	0
82	Lakeshore Marquette	126/III III	23	3280	3260	0007					0
83	Giddings & Lewis Mach Tool Menominee	126/III III	23	3440	3420	0003				6.3	0
84	Cadillac Fdry Cadillac	126/III III	23	5340	0740	0001				3.0	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	MICHIGAN		PG 2/3		
REFERENCE NUMBER	POINT SOURCE <sup>1</sup> DESCRIPTION	POLLUTANT	CONTROL <sup>1</sup> EQUIPMENT-EFFICIENCY	NEDS POINT SOURCE OPER RATE KTPY	EMISSIONS - TPY				SIP ALLOWABLES			
					EMISSIONS - TPY		ACTUAL	DESIGN		OPER		
					POTENTIAL	DESIGN		PPH	TPY	PPH	TPY	
79	Cupola	PT CO	None	10.0		87						
	Cupola		None	10.0		1250						
80	Cupola	PT CO	None	4.4		87						
			None			1250						
81	Cupola	PT CO	None	4.0		38						
			None			550						
82	No Data					35						
						500						
83	Elec Ind Fce	PT	None	6.25								
84	Cupola	PT CO	None	3.0		26						
	Cupola		None			218						
			None			1						

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
79	No Data								
80	No Data								
81	No Data								
82	No Data								
83	No Data								
84	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-25

## SOURCE SUMMARY - EXISTING SOURCES

REGION V		INDUSTRY Gray Iron		SIC	3321		STATE MICHIGAN				PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT.CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
85	Cadillac Malleable Iron Cadillac	126/III III	23	5340	0740	0002					0
86	Inland Lake Machine Cadillac	126/III III	23	5340	0740	0003				1.8	0
87	Cadillac Cliffs Iron Cadillac	126/III III	23	5340	0740						0

FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	MICHIGAN		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER		
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
85	No Data											
86	Cupola	PT CO	None None	1.75			15 219					
87	No Data											

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-25

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MICHIGAN	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
85	No Data								
86	No Data								
87	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-26

SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MINNESOTA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	Dezurik Corp Sartell	127/II, III	24	3660		0010	00010			10.8	4
2	Dotson Co Mankato	128/II, III	24	0400	2380	0004	00004			0.4	7 <sup>3</sup>
3	Nutting Truck & Caster Co Faribault	128/II, III	24	3060	1180	0004	00004			1.2	4
4	Gould Inc Lake City	128/II, III	24	3900	1860						0
5	Badger Fdry Co Winona	128/II, III	24	4200	4180						0
6	Bram McHne & Fdry Winona	128/II, III	24	4200	4180						0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Not Listed in CDS

TABLE 6.3-26

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	MINNESOTA		PG 2/3				
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>							SIP ALLOWABLES			
					EMISSIONS - TPY			DESIGN			OPER <sup>1</sup>		DESIGN	
					POTENTIAL			ACTUAL			PPH	TPY	PPH	TPY
1	Cupola	PT CO	WS-75% None	10.8			.23							
2	Cupola	PT CO	None None	36.			306 2,610							
3	Cupola	PT CO	None None	1.2				10 87						
4	No Data													
5	No Data													
6	No Data													

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-26

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MINNESOTA	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
1			ALL	4				
2	Cupola	PT	001	7	SCHEDULE	EXPIRED BEFORE 1975		
3			ALL	4				
4	No Data							
5	No Data							
6	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-26

MATERIALS &amp; METHODS - IRON

REGION	V	INDUSTRY	Gray Iron	SIC	2321	STATE	MINNESOTA	FG 1-3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPH		SOURCE COMPLIANCE STATUS
			PT, CO	STATE/COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
7	Diamond Huller Mach & Fndry Winona	128/II, III	24	4200	4180	0011				0.6	0
8	Stand Foundry Winona	128/II, III	24	4200	4180	0007				0.8	0
9	Scott Atwater Fdry Inc Anoka	131/I,I	24	0100		0002				10.4	0
10	Acme Foundry Minneapolis	131/I,I	24	1480		0001				97.9	0
11	Kausel Foundry Minneapolis	131/I,I	24	1480	2260	0007	00007			6.0	5
12	Smith System Foundry Minneapolis	131/I,I	24	1480	2260	0006				3.8	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-26

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	MINNESOTA		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					EMISSIONS - TPY		ACTUAL	SIP ALLOWABLES		DESIGN	OPER	
					POTENTIAL	DESIGN		PPH	TPY	PPH	TPY	
7	Cupola	PT CO	None None	.56		5 41						
8	Cupola	PT CO	None None	.78		7 57						
9	Cupola	PT CO	None None	10.4		88 752						
10	Cupola	PT CO	GC INCIN-80%	5.0		42 362						
11	Cupola	PT CO	None None	6.0		51 435						
12	Cupola	PT CO	None None	3.75		32 272						

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-26

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MINNESOTA	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
7	No Data							
8	No Data							
9	No Data							
10	No Data							
11	No Data							
12	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-26

## SOURCE SUMMARY - EXISTING SOURCES

REGION V		INDUSTRY Gray Iron		SIC	3321		STATE MINNESOTA				PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
13	Prospect Foundry Ramsey	131/I, I	24	2940		0001				97.9	0
14	New Ulm Foundry Co Madison	133/III III	24	1800		0003	00003			2.4	4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-26

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	MINNESOTA		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					EMISSIONS - TPY		ACTUAL	DESIGN		OPER		
					POTENTIAL	DESIGN		OPER <sup>1</sup>	PPH	TPY	PPH	TPY
13	Cupola	PT CO	BH-95% None	97.9				42 7,100				
14	Cupola	PT	None None	2.38				20 173				

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-26

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	MINNESOTA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
13	No Data								
14			ALL	4					

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-27

## SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		COMPLIANCE SOURCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	Dewscher Co Hamilton	079/I, III	36	0900	2700						0
2	Hamilton Foundry Hamilton	079/I, III	36	0900	2700	0009				3.6	0
3	Steel Abrasives Fairfield	079/I, III	36	0900	2060	0008				0.5	0
4	Berhelman Fdry Cincinnati	079/I, III	36	2720	1220		00065				4
5	Buck End	079/I, III	36	2720		0006				9.1	0
6	Buckeye Foundry Co Cincinnati	079/I, III	36	2720	1220		00066 NO SIC				5

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-27

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	OHIO		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER			
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY		
1	No Data												
2	Cupola	PT CO	None None	3.590			31 260						
3	Cupola	PT CO	None None	.546			5 40						
4	No Data												
5	Cupola	PT CO	None None	9.12			78 661						
6	No Data												

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-27

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	No Data								
2	No Data								
3	No Data								
4		ALL		4					
5	No Data								
6	No Data								

FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS

<sup>2</sup> Listed as 0 in CDS

<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-27

SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
7	Cincinnati Milling Cincinnati	079/I, III	36	0900	2060	0008				0.5	0
8	Chris Erhart Fdry Cincinnati	079/I, III	36	2720	1220		00069				5
9	Erhart Fndry & Mach Cincinnati	079/I, III	36	2720	1220		00069				0
10	Standard Castings Cincinnati	079/I, III	36	2720	1220		00002				5
11	Dayton Portsmouth Fndry Portsmouth	103/I, III	36	6020	5620	0003				7.4	0
12	Dayton Walther Corp Portsmouth	103/I, III	36	6020		0003	00003				5

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-27

POINT EMISSIONS AND ALLOWABLES

REGION		V	INDUSTRY	Gray Iron		SIC	3321	STATE	OHIO		PG 2/3	
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER		
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
7	Cupola	PT CO	WS-76% None None None	9.0			18					
	Cupola			9.61			652					
8	No Data						20					
9	No Data						697					
10	No Data											
11	Cupola	PT CO	WS-80% None None None	60.0			102					
	Cupola			.088			4350					
12	No Data						< 1					
							6					

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-27

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
7	No Data							
8	No Data							
9	No Data							
10	No Data							
11	No Data							
12	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-27

SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
13	Ohio Stove Co Portsmouth	103/I, III	36	6020	5620	00065	0006			60.1	5
14	Portsmouth Cst Portsmouth	103/I, III	36	6020	5620	0013				7.4	0
15	Dayton Mall Irn Ironton	103/I, III	36	3380	3080	0005	00005			147.9	7 <sup>3</sup>
16	Smith Foundry North Baltimore	124/I, III	36	7580	4920	0015				2.0	0
17	Duplex Mill & Mfg Springfield	173/I, III	36	1260	6380	0002				0.6	0
18	J & J Foundry Springfield	173/I, III	36	1260	6380	0006				1.6	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS

TABLE 6.3-27

POINT EMISSIONS AND ALLOWABLES

REGION V		INDUSTRY Gray Iron		SIC	3321	STATE	OHIO		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER		
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
13	Cupola	PT CO	WS-80% None	20.8			44					
	Cupola				20.8		1510					
14	Cupola	PT CO	None None	3.7			31					
	Cupola				3.7		269					
15	Cupola (2)	PT CO	None None	139.6			1102					
	Elec Ind Fce				18.3		9409					
16	Cupola	PT CO	None None	2.0			14					
					2.0		17					
17	Cupola	PT CO	None None	.635			145					
					.635		5					
18	Cupola	PT CO	None None	1.600			46					
					1.600		14					
							116					

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-27

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
13	No Data								
14	No Data								
15	No Data								
16	No Data								
17	No Data								
18	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-27

## SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
19	White Motor Springfield	173/I, III	36	1260	6380	0011	00011			9.0	4
20	Wickham Piano Plate Springfield	173/I, III	36	1260	6380	0012	00012			14.9	4
21	Morris Bean	173/I, III	36	2580		0003				1.5	0
22	Xenia Fndry & Mach Fairborn	173/I, III	36	2580	2040	0007				0.1	0
23	Hobart Mfg Troy	173/I, III	36	4260	6680	0006	00006 SIC 3323			0.4	4
24	Advance Foundry Dayton	173/I, III	36	4500	1660	0001				0.6	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-27

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	OHIO		PG 2/3						
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY								SIP ALLOWABLES			
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN <sup>1</sup>		DESIGN		OPER				
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY					
19	Cupola	PT CO	None None	9.000			77 653									
20	Cupola	PT CO	None None	14.9			127 1080									
21	Cupola	PT CO	None None	1.5			13 109									
22	Cupola	PT CO	WS-85% None	.003			< 1 < 1									
23	Cupola	PT CO	None None	.390			3 28									
24	Cupola	PT CO	None None	.600			5									

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-27

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
19			ALL	4					
20			ALL	4					
21	No Data								
22	No Data								
23			ALL	4					
24	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-27

## SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>
25	Barry Foundry Dayton	173/I, III	36	4500	1660	0004				0.5	0
26	Dayton Casting Dayton	173/I, III	36	4500	1660	0009				0.1	0
27	GHR Foundry Dayton	173/I, III	36	4500	1660	0019	00019			150.0	5
28	Kramer Bros Fndry Dayton	173/I, III	36	4500	1660	0030				0.7	0
29	Kuhns Brothers Dayton	173/I, III	36	4500	1660	0031				8.9	0
30	Mercer Foundry Dayton	173/I, III	36	4500	1660	0036				8.5	0

FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-27

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	OHIO		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY						SIP ALLOWABLES	
					EMISSIONS - TPY		DESIGN <sup>1</sup>		ACTUAL <sup>1</sup>		DESIGN	
					POTENTIAL	OPER <sup>1</sup>	PPH	TPY	PPH	TPY	PPH	TPY
25	Cupola	PT CO	None None	.450		4 33						
26	Cupola	PT CO	None	.090		< 1 7						
27	Cupola	PT CO	None	150.0			191					
28	Cupola	PT CO	None None	.700			6 51					
29	Cupola	PT CO	None None	6.9			59 500					
	Elec Ind Fce	PT	None	2.0			2					
30	Cupola	PT CO	None None	8.45			72 613					

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-27

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
25	No Data								
26	No Data								
27	No Data								
28	No Data								
29	No Data								
30	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-27

SOURCE SUMMARY - EXISTING SOURCES

REGION V		INDUSTRY	Gray Iron		SIC	3321		STATE OHIO		PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
31	Miami Foundry Dayton	173/I, III	36	4500	1660	0037				6.0	0
32	Atlas Foundry Inc Cleveland	174/I, III	36	1600	1300						0
33	Cuyahoga Foundry Cleveland	174/I, III	36	1600	1300	0025				3.0	0
34	Ford Motor Co Cleveland	174/I, III	36	1600	1300	0037	00037				4
35	Forest City Fndry Cleveland	174/I, III	36	1600	1300	0038				22.8	5
36	National Metal Abrasive Co Cleveland	174/I, III	36	1600	1300						0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-27

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	OHIO		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER			
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY		
31	Cupola	PT CO	None None	6.0			51 435						
32	No Data												
33	Cupola	PT CO	None None	3.0			26 218						
34	No Data												
35	Cupola	PT CO	CYCL-81% None	22.8			37 1650						
36	No Data												

FOOTNOTES

<sup>1</sup> NEDS data

<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
31	No Data								
32	No Data								
33	No Data								
34			ALL	4					
35	No Data								
36	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE

## SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
37	T & B Foundry Cleveland	174/I, III	36	1600	1300	0080				15.0	0
38	Elyria Fndry Elyria	174/I, III	36	3640	1980	0004				14.0	0
39	Larson Gray & Ductile Iron Grafton	174/I, III	36	3640							0
40	Sterling Foundry Wellington	174/I, III	36	3640	7180						0
41	Wadsworth Fndry Wadsworth	174/I, III	36	4160	6980	0011	00011			11.3	5
42	A. C. Williams Ravenna	174/I, III	36	5580	5680	0003				9.8	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-27

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	OHIO		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY						SIP ALLOWABLES	
					EMISSIONS - TPY		DESIGN <sup>1</sup>		ACTUAL <sup>1</sup>		DESIGN	
					POTENTIAL	OPER <sup>1</sup>	PPH	TPY	PPH	TPY	PPH	TPY
37	Cupola	PT CO	CYCL-85% None	15.0		1090		28				
38	Cupola	PT CO	None None	14.0		119 1020						
39	No Data											
40	No Data											
41	Cupola	PT CO	None None	4.3		37 312						
	Cupola	PT CO	None None	4.3		37 312						
	Cupola	PT CO	None None	2.65		23 192						
42	Cupola	PT CO	None None	9.77		83 709						

## FOOTNOTES

<sup>1</sup> NEDS data

2 Gray and Ductile Iron Founders' Society

TABLE 6.3-27

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
37	No Data								
38	No Data								
39	No Data								
40	No Data								
41	No Data								
42	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-27

## SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
43	Bonnot Foundry Co Canton	174/I, III	36	6400	1000						0
44	United Eng & Fndry Canton	174/I, III	36	6400	1000	0042				24.0	0
45	Babcock & Wilcox Co Barberton	174/I, III	36	6500	0360						0
46	Diamond Foundry Akron	174/I, III	36	6500	0060	0011	00010			0.9	5
47	East Akron Casting Tallmadge	174/I, III	36	6500	6540	0012				3.9	0
48	Knapp Foundry Twinsburg	174/I, III	36	6500	6740	0030				1.6	0

FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-27

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	OHIO		PG 2/3					
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY						SIP ALLOWABLES				
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN <sup>1</sup>		OPER <sup>1</sup>		DESIGN		OPER	
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	PPH	TPY	PPH	TPY
43	No Data														
44	Cupola	PT CO	None None	24.0						204	1740				
45	No Data														
46	Cupola	PT CO	None	.850						62					
47	Cupola	PT CO	None	1.5				13							
	Cupola	PT CO	None	2.36				109							
		PT CO	None					20							
		PT CO	None					171							
48	Cupola	PT CO	None None	1.56				13							
		PT CO	None					113							

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-27

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
43	No Data								
44	No Data								
45	No Data								
46	No Data								
47	No Data								
48	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-27

SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
49	Tru-Cast Production Akron	174/I, III	36	6500	0060	0049				0.1	0
50	Bucyrus Castings Bucyrus	175/II, III	36	1540	0880	0001				1.1	0
51	Monroe Steel Bucyrus	175/II, III	36	1540	0880	0006				8.5	0
52	Conval-Ohio Orrville	175/II, III	36	7160	5220	0008	00007			12.0	5
53	Quality Casting Orrville	175/II, III	36	7160	5220	0024				31.0	0
54	Gen Casting Co Delaware	176/I, III	36	1760	1740	0002				3.2	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-17

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	OHIO		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN <sup>1</sup>		OPER <sup>1</sup>		DESIGN	
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	PPH	TPY
49	Reverb Fce	PT CO	None None	.120		< 1							
50	Cupola	PT CO	None None	1.13		10 82							
51	Elec Ind Fce	PT	None	8.5		< 1							
52	Cupola	PT CO	None None	12.0		102 870							
53	Cupola	PT CO	None None	25.2		215 1830							
	Elec Ind Fce	PT	None None	5.81		4							
54	Cupola	PT CO	None None	3.2		27 232							

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-27

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
49	No Data								
50	No Data								
51	No Data								
52	No Data								
53	No Data								
54	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-27

## SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
55	J. G. Castings Co Delaware	176/I, III	36	1760	1740	0003				17.6	0
56	Alten Foundry & Mach Wks Lancaster	176/I, III	36	2080	3360						0
57	Chase Fory Mfg Columbus	176/I, III	36	2220	1460	0009				1.5	0
58	Edwin Poulton Fndry Columbus	176/I, III	36	2220	1460	0021				0.4	0
59	Lattimer-Stevens Co Columbus	176/I, III	36	2220	1460						0
60	Minister Machine Co Minister	177/II, I	36	0280							0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6 3-27

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	OHIO		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER			
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY		
55	Cupola	PT CO	WS-52.9% None	17.6			70 1280						
56	No Data												
57	Cupola	PT CO	None None	1.5			13 109						
58	Cupola	PT CO	None None	.36			3 26						
59	No Data												
60	No Data												

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-27

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
55	No Data								
56	No Data								
57	No Data								
58	No Data								
59	No Data								
60	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-27

## SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO	PG 1/3		
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY	SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>
61	St Marys Fndry St Marys	177/II, I	36	0280	5920	0004	00010		6.0	7 <sup>3</sup>
62	Central Fndry - GMC Defiance	177/II, I	36	1720	1700	0001	00001		1413.0	4
63	Wauseon Fndry Toledo	177/II, I	36	2260	6600	0012	0001		7.0	5
64	Cast Metals Napoleon	177/II, I	36	2820	4660	0002			0.2	0
65	Quincy Foundry Marion	177/II, I	36	3580	3940	0003			6.0	0
66	Gartland-Haswell Fndry Chillicothe	177/II, III	36	6220	1200	0001			10.0	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS

TABLE 6.3-27

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	OHIO		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER			
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY		
61	Cupola	PT CO	WS-50.6% None	6.0			25 435						
62	Cupola	PT CO	WS-90% None	471.0				34200	97				
	Cupola	PT CO	WS-98.8% None	942.0			68400		97				
63	Cupola	PT CO	None None	7.0			60 508						
64	Cupola	PT CO	None None	.204			2 15						
65	Cupola	PT CO	None None	6.0			51 435						
66	Cupola	PT CO	None None	10.0			85						

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-27

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
61	No Data								
62			ALL	4					
63	No Data								
64	No Data								
65	No Data								
66	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-27

## SOURCE SUMMARY - EXISTING SOURCES

REGION V		INDUSTRY	Gray Iron		SIC	3321		STATE	OHIO		PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>
67	Wagner Div Gen Housewea Sidney	177/II, III	36	6220	6240	0008	00008			355.0	7 <sup>3</sup>
68	Pioneer City Belpre	179/I, III	36	7100	0560	0011				0.6	0
69	Brown Ind Inc Sandusky	180/III III	36	2000	5960	0001				3.0	0
70	G & C Foundry Co Sandusky	180/III III	36	2000	5960		00001				5
71	G & W Foundry Co Sandusky	180/III III	36	2000	5960	0005				10.0	0
72	Sandusky Fndry & Mach Sandusky	180/III III	36	2000	5960	0015				7.8	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS

TABLE 6.3-27

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	OHIO		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN <sup>1</sup>		OPER <sup>1</sup>		DESIGN	
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	PPH	TPY
67	Cupola	PT CO	None None	355.0			3020 25700						
68	Cupola	PT CO	None	.6			5						
	Reverb Fce	PT CO	None None None None	.008			44 < 1						
69	Elec Ind Fce	PT	None	3.0			2						
70	No Data												
71	Cupola	PT CO	None None	10.0			85 725						
72	Elec Ind Fce	PT	BH-99%	7.82			< 1						

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-27

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
67	Sand Prep	PT	030	7 <sup>2</sup>					07/01/75
68	No Data								
69	No Data								
70	No Data								
71	No Data								
72	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-27

## SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
73	Norwalk Fndry Norwalk	180/III III	36	3020	5040	0006				1.7	0
74	Fostoria Fndry Fostoria	180/III III	36	6060	2180	0004	00004			44.1	5
75	Kelsey Hayes Fremont	180/III III	36	6060	2240	0005				26.8	0
76	Tiffin Foundry & Mach Tiffin	180/III III	36	6060	6560	0013				0.6	0
77	Zoller Casting Bettsville	180/III III	36	6060	3840	0016				2.3	0
78	Bellaire Patt Bellaire	181/I, III	36	0540	0480	0003				0.5	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-27

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	OHIO		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY						SIP ALLOWABLES	
					EMISSIONS - TPY		DESIGN <sup>1</sup>		OPER <sup>1</sup>		DESIGN	
					DESIGN <sup>1</sup>	OPER <sup>1</sup>	ACTUAL <sup>1</sup>	PPH	TPY	PPH	TPY	PPH
73	Cupola	PT CO	None None	1.72			15 125					
74	Cupola	PT CO	WS-90% None	44.1			38 3200					
75	Cupola	PT CO	WS-50% None	26.8			114 1940					
76	Cupola	PT CO	None None	.600			5 44					
77	Cupola	PT CO	None None	2.3			20 167					
78	Cupola	PT CO	None None	0.5			4 36					

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-27

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
73	No Data								
74	Cupola	PT	010	7 <sup>2</sup>					07/01/75
75	No Data								
76	No Data								
77	No Data								
78	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-27

## SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
79	Jas H Beans Fndry Martins Ferry	181/I, III	36	0540	3980	0002				13.0	0
80	Columbiana Pump Columbiana	181/I, III	36	1440	1420	0006				10.0	0
81	Lane Fndry East Liverpool	181/I, III	36	1440	1900	0020					0
82	Production Fndry Co Columbiana	181/I, III	36	1440	1420						0
83	Quaker City Castings Salem	181/I, III	36	1440	5940	0026				2.4	0
84	Blanchester Fndry Blanchester	182/III III	36	1340	0620	0001				2.8	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-27

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	OHIO		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					EMISSIONS - TPY		ACTUAL <sup>1</sup>	DESIGN		OPER			
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY		
79	Cupola	PT CO	None None	13.0			111 943						
80	Cupola	PT CO	None None	10.0			85 725						
81	Cupola	PT CO	None None	.300			3 22						
82	No Data												
83	Cupola	PT CO	None None	2.4			20						
84	Cupola	PT CO	None None	2.800			24 203						

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-27

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
79	No Data								
80	No Data								
81	No Data								
82	No Data								
83	No Data								
84	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-27

SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
85	C. S. Bell Hillsboro	182/III III	36	2860	2920	0002				1.8	0
86	Greenfield Fndry Greenfield	182/III III	36	2860	2600	0003				0.8	0
87	White Fndry Hillsboro	182/III III	36	2860	2920	0005				1.1	0
88	Oakhill Fndry	182/III III	36	3120		0005				1.1	0
89	Clow Corp Coshocton	183/II, III	36	1520	1500	0002	00002			108.0	5
90	Burnham Corp Zanesville	183/II,	36	4640	7780	0003	00003 NO SIC				4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-27

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	OHIO		PG 2/3					
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	Emissions - TPY						SIP Allowables				
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN <sup>1</sup>		OPER <sup>1</sup>		DESIGN		OPER	
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	PPH	TPY	PPH	TPY
85	Cupola	PT CO	None None	1.8			15 131								
86	Cupola	PT CO	None None	.765			7 55								
87	Cupola	PT CO	None None	1.1			9 80								
88	Cupola Reverb Fce	PT CO PT CO	None None None None	.572 .546			< 1								
89	Cupola	PT CO	WS-80% None	108.0			7830		210						
90	No Data														

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-27

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	OHIO	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
85	No Data							
86	No Data							
87	No Data							
88	No Data							
89	P014	PT	010	7 <sup>1</sup>				07/01/75
90			ALL	4				

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-28

SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	WISCONSIN			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	Baker Mfg Co Evansville	073/II, III	51	3060	0940	0007	00007			2.9	5
2	Barclay Fdry Ind Neillsville	128/II, III	51	0560	2320						0
3	Neillsville Fdry Neillsville	128/II, III	51	0560			10001				8
4	Badger Iron Works Menomonie	128/II, III	51	0820	2090	0001				1.0	0
5	Gould Inc Eau Claire	128/II, III	51	0860	0840	0001				5.0	0
6	John Torrance & Son La Crosse	128/II, III	51	1680	1660	0007	00007			3.2	8

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-28

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	WISCONSIN		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE <sup>1</sup> KTPY	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
1	Cupola	PT CO	None None	25 212								
2	No Data											
3	No Data											
4	Cupola	PT CO	None None	1.02			9 74					
5	Cupola	PT CO	None	4.96			42 359					
6	Cupola	PT CO	None None	3.21			27 233					

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-28

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	WISCONSIN	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	Foundry Foundry	PT CO	001 004	4 4					
2	No Data								
3	No Data								
4	No Data								
5	No Data								
6	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-28

SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	WISCONSIN			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
7	LaCrosse Castings LaCrosse	128/II, III	51	1680			10003				8
8	Sparta Mfg Co Sparta	128/II, III	51	2280 <sup>3</sup>	3380	0001	00001			3.0	8
9	Depere Fdry Depere	237/II, III	51	0360	0720	0012	00012			1.8	6
10	Green Bay Fd & Mac Green Bay	237/II, III	51	0360	1180	0004				0.5	0
11	Rothe Fdry Green Bay	237/II, III	51	0360	1180	0010				6.0	0
12	Brillion Iron Works Inc Brillion	237/II, III	51	0460	0330		10001 SIC 3399				3

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 2260 in CDS

TABLE 6.3-28

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	WISCONSIN		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL	DESIGN		OPER <sup>1</sup>		DESIGN	
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	PPH	TPY
7	No Data												
8	Cupola	PT CO	None	3.0			26 218						
9	Cupola	PT CO	None None	1.76			15 128						
10	Cupola	PT CO	None None	.480			4 35						
11	Cupola	PT CO	None	6.0			51 435						
12	No Data												

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-28

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	WISCONSIN	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
7	No Data								
8	All	PT	001	7					01/05/75
9	No Data								
10	No Data								
11	No Data								
12	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-28

## SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	WISCONSIN			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>
13	Berlin Chapman Fdry Berlin	237/II, III	51	1240	0260	0001	00001			4.9	8
14	Manitowoc Fdry Manitowoc	237/II, III	51	1900	1880	0002	00002			6.4	8
15	Roloff Mfg Corp Kaukauna	237/II, III	51	2580	1520	0006	00006			2.9	8
16	Kohler Co Kohler	237/II, III	51	3280		0002	00002			48.7	5
17	State Fdry Div Medalist Ind Cedar Grove	237/II, III	51	3280							0
18	Waupaca Fdry Inc Waupaca	237/II, III	51	3820	3800		10001				8

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-28

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	WISCONSIN		PG 2/3				
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY						SIP ALLOWABLES			
					EMISSIONS - TPY		POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>				PPH	TPY	PPH	TPY	
13	Cupola	PT CO	WS-95% None	4.85		?	351	2						
14	Cupola	PT CO	None None	6.38		54	462							
15	Cupola	PT CO	None None	2.91		25	211							
16	Cupola	PT CO	GC-50% None	6.42		27	465							
	Cupola	PT CO	GC-50% None	6.42		27	465							
	Cupola	PT CO	GC-50% None	7.17		30	519							
	Cupola	PT CO	GC-50% None	7.17		30	519							

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-28

POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	WISCONSIN		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL	DESIGN		OPER			
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY		
16 Cont	Cupola	PT	GC-50%	7.17		30							
	Cupola		CO None			519							
	Cupola	PT	GC-50%	7.17		30							
17	No Data	CO	None			519							
	No Data		PT	GC-50%	7.17	30							
	No Data	CO	None			519							
18													

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-28

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	WISCONSIN	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
13	No Data								
14	No Data								
15	No Data								
16	All Sources All Sources	PT CO	001 004	7 7			10/01/73 10/01/73		02/01/75 02/01/75
17	No Data								
18	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-28

SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	WISCONSIN			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
19	Neenah Fdry Plt 1 Neenah	237/II, III	51	4020	2300	0007	00007			38.8	8
20	Neenah Fdry Neenah	237/II, III	51	4020	2300	0008	00008			48.4	8
21	Neenah Fdry Neenah	237/II, III	51	4020	2300	0009	00009			17.2	8
22	Universal Fdry Oshkosh	237/II, III	51	4020	2560	0013	00013			17.6	8
23	Murray Machinery Inc Wausau	238/II, III	51	1920	3860	0006	00006			4.7	8
24	Nekoosa Fdry & Mach Nekoosa	238/II, III	51	4060	2340	0002				2.0	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-28

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	WISCONSIN		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY	NEDS POINT SOURCE OPER RATE KTPY	EMISSIONS - TPY						SIP ALLOWABLES		
					EMISSIONS - TPY		DESIGN	OPER	ACTUAL	DESIGN		OPER	
					DESIGN	OPER				PPH	TPY	PPH	TPY
19	Cupola	PT CO	WS-95% None	17.2		7 1250 9 1570							
	Cupola												
20	Cupola	PT CO	None None	24.2		205 1750							
	Cupola												
21	Cupola	PT CO	None None	17.2		146 1250							
	Cupola												
22	Cupola	PT CO	None None	8.82		75 639							
	Cupola												
23	Cupola	PT CO	None None	4.74		40 344							
	Cupola												
24	Cupola	PT CO	None None	2.0		17 145							

## OOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-28

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	WISCONSIN	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
19	No Data							
20	Unknown Unknown	PT PT	001 002	7 <sup>1</sup> 7 <sup>1</sup>		07/01/73 07/01/73		05/01/75 05/01/75
21	Unknown	PT	001	7 <sup>1</sup>				05/01/75
22	No Data							
23	No Data							
24	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-28

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	WISCONSIN	PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>						
					EMISSIONS - TPY			SIP ALLOWABLES		
					POTENTIAL	ACTUAL	DESIGN		OPER	
					DESIGN		PPH	TPY	PPH	TPY
30	Cupola	PT CO	None None	2.3		4 167				

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-28

## SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	WISCONSIN			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
25	Arneson Fdry Inc Kenosha	239/I, III	51	1560	1540	0002				3.3	0
26	Allis Chalmers Fdry West Allis	239/I, III	51	2220			00036				8
27	Barclay Fdry Milwaukee	239/I, III	51	2220	2200	0027	00027			6.0	8
28	Bucyrus-Erie South Milwaukee	239/I, III	51	2220	3340	0039	00039 SIC 3531			33.2	5
29	Gray Iron Fdry West Allis	239/I, III	51	2220			10012				8
30	M-W-Kee Malleable & Milwaukee	239/I, III	51	2220	2200	0031				2.3	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-28

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	WISCONSIN	PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>							
					EMISSIONS - TPY			SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER	
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY
25	Cupola Elec Ind Fce	PT CO PT	None None None	1.6  2.7		14 116 2					
26	No Data										
27	Cupola	PT CO	None None	6.0		51 435					
28	Elec Ind Elec Ind	PT PT	BH-99% None BH-99% None	32.0  1.23		<1  <1					
29	No Data										

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-28 POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	WISCONSIN	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
25	No Data								
26	No Data								
27	No Data								
28	No Data								
29	No Data								
30	No Data								

FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS

<sup>2</sup> Listed as 0 in CDS

<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-28

## SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	WISCONSIN			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
31	Mid-City Fdry Co Milwaukee	239/I, III	51	2220	2200						0
32	Motor Castings Co West Allis	239/I, III	51	2220	3920	0035	00035			24.0	8
33	Motor Casting Plts Milwaukee	239/I, III	51	2220	2200		10010				8
34	Rex Chainbelt Milwaukee	239/I, III	51	2220	2200	0020				13.7	0
35	Heatvole Fdry Co Inc Port Washington	239/I, III	51	2600	2820						0
36	Plymouth Fdry Grafton	239/I, III	51	2600	1120	0001				1.5	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-28

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	WISCONSIN		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE <sup>1</sup> KTPY	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL	DESIGN		OPER <sup>1</sup>			
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY		
31	No Data												
32	Cupola	PT CO	None None	24.0		96 1.74							
33	No Data												
34	Cupola	PT CO	WS-97.5%			<1							
	Cupola	PT CO	None			305							
	Elec Ind Fce	PT	WS-97.5%			<1							
			None			218							
			BH-99%			<1							
35	No Data												
36	Cupola	PT CO	None None	6.45 1.5		13 109							

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-28

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	WISCONSIN	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
31	No Data								
32	All	PT	000	8					
33	No Data								
34	No Data								
35	No Data								
36	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-28

SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	WISCONSIN	PG 1/3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
37	Case Comp Div Fdry Plant Racine	239/I, III	51	2900	2880	0002	00002			56.8	3
38	Alpha Cast Co Whitewater	239/I, III	51	3680	4000	0002	00002			16.0	5
39	Sharon Foundry Inc Sharon	239/I, III	51	3680		0001	00001			3.0	-
40	Slinger Fdry Moraine	239/I, III	51	3720		0001				5.6	0
41	Falls Fdry Co Menomonee Falls	239/I, III	51	3780	2100	0002				4.2	0
42	General Castings Waukesha	239/I, III	51	3780	3760	0004	00004			22.0	8

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-28

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	WISCONSIN		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE <sup>1</sup> KTPY	EMISSIONS - TPY						SIP ALLOWABLES	
					EMISSIONS - TPY		SIP ALLOWABLES		DESIGN		OPER	
					POTENTIAL	<sup>1</sup>	ACTUAL	<sup>1</sup>	PPH	TPY	PPH	TPY
37	Cupola	PT CO	WS-97% None	56.8			14	4.12				
38	Cupola	PT CO	None	8.0			68					
	Cupola	PT CO	None	8.0			580					
		PT CO	None	8.0			68					
		PT CO	None	8.0			580					
39	Cupola	PT CO	WS-95% None	3.0			1	218				
40	Cupola	PT CO	None	2.8			24					
	Cupola	PT CO	None	2.8			203					
		PT CO	None	2.8			24					
		PT CO	None	2.8			203					
41	Cupola	PT CO	WS-50% None	4.2			18					
		PT CO	None	4.2			305					
42	Cupola	PT CO	None None	22.0			187					
		PT CO	None	22.0			1600					

FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-28

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	WISCONSIN	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
37									
38	No Data								
39	No Data								
40	No Data								
41	No Data								
42	All	PT	001	4					05/01/75

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-28

## SOURCE SUMMARY - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	WISCONSIN			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
43	Grede Foundries Waukesha	239/I, III	51	3780	3760	0001				18.0	0
44	Kirsh Fdry Inc Beaver Dam	240/II, III	51	0740	0220	0005	00005			9.4	8
45	M & M Gray Iron Fdry Waupin	240/II, III	51	0740		0003	00003			2.5	8
46	Iroquois Fdry Co Browntown	240/II, III	51	1160		0001	00001			3.3	8
47	Richland Cntr Fdry Richland Center	240/II, III	51	2980	3000	0002				6.0	0
48	Grede Foundries Inc Reedsburg	240/II, III	51	3160	2920	0001	00001			20.0	7

FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-28

## POINT EMISSIONS AND ALLOWABLES

REGION	V	INDUSTRY	Gray Iron		SIC	3321	STATE	WISCONSIN		PG 2/3	
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY			SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER	
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY
43	Cupola	PT CO	None	9.0		77					
	Cupola		None	9.0		653					
44	Cupola	PT CO	None	3.5		77					
	Reverb Fce		None	5.85		652					
	Cupola	PT CO	None	2.5		30					
			None			254					
45	Cupola	PT CO	None	2.5		6					
			None			21					
46	Cupola	PT CO	None	3.25		181					
			None			28					
47	Cupola	PT CO	None	6.0		236					
			None			51					
48	Cupola	PT CO	None	20.0		435					
			None			170					
						1450					

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-28

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	V	INDUSTRY	Gray Iron	SIC	3321	STATE	WISCONSIN	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
43	No Data								
44	All	PT	001	7					07/01/75
45	No Data								
46	No Data								
47	No Data								
48	Unknown	PT	001	7	SCHEDULE	EXPIRED BEFORE 1975			

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

**RADIAN**  
**CORPORATION**

REGION VI  
TABLES 6.3-29 TO 6.3-31

TABLE 6.3-29

SOURCE SUMMARY - EXISTING SOURCES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	ARKANSAS	PG 1/3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	
1	G. C. Evans Sales & Manufacturing Co Little Rock.	016/II, III	04	2220		1440					0
2	Midwest Casting Marblevale	016/II, III	04	2220			0022	00022			0
3	Bentonville Cast Bentonville	017/II, III	04	0160	0180	0920	0001	00001		1.7	0
4	Boal Foundry & Mach Company Fort Smith	017/II, III	04	2400	0920						0
5	North Amer Foundry Co Fort Smith	017/II, III	04	2400	9020						0
6	Mid South Foundry West Memphis	018/I, III	04	0580			0002	00002		14.5	1

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-29

## POINT EMISSIONS AND ALLOWABLES

REGION	VI	INDUSTRY	Gray Iron		SIC	3321	STATE	ARKANSAS		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER <sup>1</sup>		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
1	No Data											
2	No Data											
3	Cupola	PT CO	None None	1.7		14 123					3.4	
4	No Data											
5	No Data											
6	Cupola	PT CO	None None	14.5		125 1050					12.1	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-29

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	ARKANSAS	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	No Data								
2	No Data								
3	No Data								
4	No Data								
5	No Data								
6	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-29

## SOURCE SUMMARY - EXISTING SOURCES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	ARKANSAS	PG 1/3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN 1	OPER 1	
7	Central Foundry & Stove Works Clarksville	021/II III	04	1300	0400						0
8	Arkansas Mach Co Hope	022/II	04	1100	1120						0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-29

## POINT EMISSIONS AND ALLOWABLES

REGION	VI	INDUSTRY	Gray Iron		SIC	3321	STATE	ARKANSAS		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY	NEDS POINT SOURCE OPER RATE KTPY	EMISSIONS - TPY						SIP ALLOWABLES		
					POTENTIAL		ACTUAL	DESIGN		OPER		DESIGN	
					DESIGN	OPER		PPH	TPY	PPH	TPY	DESIGN	OPER
7	No Data												
8	No Data												

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-29

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	ARKANSAS	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
7	No Data							
8	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-30

## SOURCE SUMMARY - EXISTING SOURCES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	OKLAHOMA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
1	Acme Foundry & Machine Co Blackwell	185/II, III	37	1500	0280						0
2	Decker Foundry Co, Inc	186/I, III	37	2240	1280	0003	00003				0
3	Empire Foundry Tulsa	186/I, III	37	3020	3000	0012	00012 SIC 03391				0
4	Nemco Castings Tulsa	186/I, III	37	3020	3000	0001	00001				4
5	Tulsa Iron Works Tulsa	186/I, III	37	3020	3000	0003	00003 NO SIC				4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-30

## POINT EMISSIONS AND ALLOWABLES

REGION VI		INDUSTRY Gray Iron		SIC 3321	STATE OKALHOMA		PG 2/3				
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE, KTPY <sup>1</sup>	EMISSIONS - TPY			SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER	
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY
1	No Data										
2	Cupola	PT CO	None None	2.4			20 174				
3	Cupola	PT CO	None None	2.70	62 528		105 196				
4	Elec Ind Fce	PT		4.06			3.05				
5	Cupola	PT CO	None None	14.3	53 452		12 104				

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-30

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	OKLAHOMA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	No Data								
2	No Data								
3	No Data								
4			ALL	4					
5			ALL	4					

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-31

SOURCE SUMMARY - EXISTING SOURCES

REGION VI		INDUSTRY Gray Iron		SIC 3321		STATE TEXAS				PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
1	Rudolph Fdry Co Pittsburg	022/II, III		0760	4140		00001 NO SIC				0
2	Engineered Castings Longview	022/II, III	45	2180	3320	0004			1.4		0
3	Cobb Industries Foundry Div Marshall	022/II, III		2340	3500						1
4	Lone Star Steel Co E. B. Germany Works Lone Star	022/II, III	45	3740			00001 NO SIC				7
5	Western Foundry Tyler	022/II, III	45	4840	5240	0003			1.1		0
6	Lufkin Industries, Inc Lufkin	106/II, III	46	0110	3360		00005 NO SIC				4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-31

## POINT EMISSIONS AND ALLOWABLES

REGION	VI	INDUSTRY	Gray Iron		SIC	3321	STATE	TEXAS	PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					EMISSIONS - TPY		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
1	No Data											
2	Cupola	PT CO	None None	1.36		8 150					2.2	
3	No Data											
4	No Data											
5	Cupola	PT CO	WS-98.5% None	112		952 8130					138	
6	No Data											

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-31

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	TEXAS	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	No Data								
2	No Data								
3	No Data								
4	No Data								
5	No Data								
6		ALL	4						

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-31

## SOURCE SUMMARY - EXISTING SOURCES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	TEXAS			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
7	Texas Foundries, Inc Lufkin	106/II, III		0110	3360		00004 NO SIC				7
8	Amer-Darling Valve & Mfg Co Beaumont	106/II, III	45	2760	0330						5
9	Mabry Fdry & Supply Co Beaumont	106/II,		2760	0330						0
10	Standard Brass & Mfg Co Port Arthur	106/II, III		2760	4190						0
11	Tyler Pipe Ind Tyler	106/II, III	45	4840	5240	0002	00004 NO SIC			174.7	0
12	Darbyshire Steel Co Canutillo	153/I, I	45	1710							0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-31

## POINT EMISSIONS AND ALLOWABLES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	TEXAS	PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>							
					EMISSIONS - TPY			SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN			
					DESIGN	OPER <sup>1</sup>	ACTUAL	PPH	TPY	PPH	TPY
7	No Data										
8	No Data										
9	No Data										
10	No Data										
11	#1 Cupola	PT CO	None INCIN-93.8%	105			889				154
	#2 Cupola	PT CO	WS INCIN-93.8%	69.9			7610				113
12	No Data						593				
							5050				

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-31 POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	TEXAS	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
7	No Data								
8	No Data								
9	No Data								
10	No Data								
11	No Data								
12	No Data								

FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS

<sup>2</sup> Listed as 0 in CDS

<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-31

SOURCE SUMMARY - EXISTING SOURCES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	TEXAS	PG 1/3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
13	Grubbs Foundry El Paso	153/I, I		1710	1700						0
14	Taylor Fdry Co Wichita Falls	210/II, III	45	5550	5560		00002 NO SIC				5
15	Wichita Falls Fdry Wichita Falls	210/II, III		5550	5560						0
16	Bass & Hays Foundry, Inc G. Prairie	211/II, III	45	1300	2130	0001				1.8	0
17	G&H Castings Corp Slaton	211/II, III		3350	4830						0
18	Globe Fdry & Mach Co Amarillo	211/II, III	45	4250	0070						0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-31

## POINT EMISSIONS AND ALLOWABLES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	TEXAS	PG 2/3				
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE <sup>1</sup> KTPY <sup>1</sup>								
					EMISSIONS - TPY			SIP ALLOWABLES				
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
13	No Data											
14	No Data											
15	No Data											
16	Cupola	PT CO	WS-77.4% None	1.8 1.8			15 530				3.4	
17	No Data											
18	No Data											

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-31

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	TEXAS	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
13	No Data								
14	No Data								
15	No Data								
16	No Data								
17	No Data								
18	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-31

## SOURCE SUMMARY - EXISTING SOURCES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	TEXAS			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
19	Frazier & Frazier Indus Coolidge	212/II, III		3240							0
20	Calvert Fdry & Equip Co Hearne	212/II, III	45	4450	2390						0
21	Crow Iron & Supply Co Edinburg	213/I, III	45	2460	1630						0
22	Valley Iron Works San Juan	213/I, III		2460	4630						0
23	Gulf Star Foundries, Inc Corpus Christi	214/I, III	45	3900	1150						0
24	Nueces Fdry Inc Corpus Christi	214/I, III		3900	1150						0

FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-31

## POINT EMISSIONS AND ALLOWABLES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	TEXAS	PG 2/3				
REFERENCE NUMBER	POINT SOURCE DESCRIPTION	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY	NEDS POINT SOURCE OPER RATE KTPY	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
19	No Data											
20	No Data											
21	No Data											
22	No Data											
23	No Data											
24	No Data											

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-31

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	<u>VI</u>	INDUSTRY	Gray Iron	SIC	3321	STATE	TEXAS	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
19	No Data								
20	No Data								
21	No Data								
22	No Data								
23	No Data								
24	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-31

SOURCE SUMMARY - EXISTING SOURCES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	TEXAS			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
25	EBAA Iron Inc Frisco	215/II, III		1020							0
26	Precision Mfg Co Plano	215/II, III	45	1020	4160						0
27	Gainesville Fdry Gainesville	215/II, III	45	1130	1960						0
28	Fort Worth Steel & Machinery Dallas	215/II, III	45	1320	1310		00038 NO SIC				0
29	Refinery Castings Co Dallas	215/II, III		1320	1310		00016 NO SIC				0
30	Sherman Foundry Sherman	215/II, III		2160	4790		00012 NO SIC				4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-31

## POINT EMISSIONS AND ALLOWABLES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	TEXAS	PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY	NEDS POINT SOURCE OPER RATE KTPY						
					EMISSIONS - TPY			SIP ALLOWABLES		
					POTENTIAL	ACTUAL	DESIGN		OPER	
					DESIGN		PPH	TPY	PPH	TPY
25	No Data									
26	No Data									
27	No Data									
28	No Data									
29	No Data									
30	No Data									

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-31

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	TEXAS	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
25	No Data							
26	No Data							
27	No Data							
28	No Data							
29	No Data							
30		ALL	4					

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-31

## SOURCE SUMMARY - EXISTING SOURCES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	TEXAS	PG 1/3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
31	Oil City Iron Works Corsicana	215/II, III	45	3810	1160	0002				15.1	1
32	McKinley Iron Works Fort Worth	215/II, III		5070	1880						0
33	Texas Rail Joint Co Fort Worth	215/II, III		5070	1880						0
34	Trinity Valley Iron and Steel Fort Worth	215/II, III		5070	1880		00022 NO SIC				7
35	ACF Industries W-K-M Valve Div Richmond	215/II, III		1860	4410		00011 NO SIC				4
36	Farmer's Marine Copper Works Galveston	216/I, III	45	1990	1980						0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-31

## POINT EMISSIONS AND ALLOWABLES

REGION VI		INDUSTRY Gray Iron		SIC 3321	STATE TEXAS		PG 2/3				
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY			SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER	
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY
31	Cupola	PT CO	BH None	15.1		128 1090					28
32	No Data										
33	No Data										
34	No Data										
35	No Data										
36	No Data										

## FOOTNOTES

<sup>1</sup> NEDS data

2 Gray and Ductile Iron Founders' Society

TABLE 6.3-31

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	TEXAS	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
31	No Data								
32	No Data								
33	No Data								
34	No Data								
35		ALL		4					
36	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-31

SOURCE SUMMARY - EXISTING SOURCES

REGION VI		INDUSTRY Gray Iron		SIC	3321		STATE TEXAS				PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	
37	ABEX Corp, R. R. Prod Group Houston	216/I, III		2330		2560		00064 NO SIC			7
38	Dee Foundaries Houston	216/I, III		2330		2560					0
39	Lloyd Metal Fdry Houston	216/I, III		2330		2560					0
40	McCollum Supply & Service Co Houston	216/I, III		2330		2560					0
41	Municipal Pipe & Fabricating Missouri City	216/I, III		2330		3685					0
42	Pioneer Fdry Inc Houston	216/I, III	45	2330		2560					0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-31

## POINT EMISSIONS AND ALLOWABLES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	TEXAS	PG 2/3				
REFERENCE NUMBER	POINT SOURCE DESCRIPTION	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY	NEDS POINT SOURCE OPER RATE KTPY	EMISSIONS - TPY				SIP ALLOWABLES			
					EMISSIONS - TPY		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
37	No Data											
38	No Data											
39	No Data											
40	No Data											
41	No Data											
42	No Data											

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-31

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	TEXAS	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
37	No Data								
38	No Data								
39	No Data								
40	No Data								
41	No Data								
42	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-31

## SOURCE SUMMARY - EXISTING SOURCES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	TEXAS	PG 1/3		
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY	SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>
43	Jordan Foundry Conroe	216/I, III		3720	1120					0
44	Alamo Iron Works San Antonio	217/II, III		0420	4570					0
45	E&S Sales Co, Inc. San Antonio	217/II, III		0420	4570					0
46	Texaloy Foundry Co Floresville	217/II, III	45	2810	1815					0
47	B&W Engineering & Mfg San Angelo	218/II, III	45	5200	4560					4
48	San Angelo Fdry & Mach San Angelo	218/II, III		5200	4560					0

FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-31

## POINT EMISSIONS AND ALLOWABLES

REGION	VI	INDUSTRY	Gray Iron		SIC	3321	STATE	TEXAS		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY	NEDS POINT SOURCE OPER RATE KTPY	Emissions - TPY						SIP Allowables		
					EMISSIONS - TPY		DESIGN		ACTUAL		DESIGN		
					POTENTIAL	OPER <sup>1</sup>	DESIGN	OPER <sup>1</sup>	ACTUAL	PPH	TPY	PPH	TPY
43	No Data												
44	No Data												
45	No Data												
46	No Data												
47	No Data												
48	No Data												

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-31

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	TEXAS	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
43	No Data								
44	No Data								
45	No Data								
46	No Data								
47	No Data								
48		ALL	4						

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-31

## SOURCE SUMMARY - EXISTING SOURCES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	TEXAS			PG 1/3		
REFERENCE NUMBER	SOURCE LOCATION	AOCR/ PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS	
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
49	Western Iron Works San Angelo	218/II, III	45	5200	4560	0001				4.9	0	

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-31

POINT EMISSIONS AND ALLOWABLES

REGION	VI	INDUSTRY	Gray Iron		SIC	3321	STATE	TEXAS		PG 2/3	
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE <sup>1</sup> KTPY	EMISSIONS - TPY			SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER	
					DESIGN	OPER <sup>2</sup>		PPH	TPY	PPH	TPY
49	Cupola	PT CO	None INCIN	4.92		42 357					9.2

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-31

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VI	INDUSTRY	Gray Iron	SIC	3321	STATE	TEXAS	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
49	No Data							

## FOOTNOTES:

- <sup>1</sup> Listed as 1 in CDS
- <sup>2</sup> Listed as 0 in CDS
- <sup>3</sup> Schedule Not Approved by EPA

**RADIAN**  
**CORPORATION**

REGION VII  
TABLES 6.3-32 TO 6.3-35

TABLE 6.3-32

## SOURCE SUMMARY - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	IOWA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	SSS Gray Iron Casting West Burlington	065/I, III	16	1200	3880		00005				6
2	John Deere Dub Trac Dubuque	068/I, III	16	1280	1260	0065	00006 SIC 3523		74.7		5
3	Waukesha Motor Co Clinton	069/I, III	16	0940	0920		00026				7 <sup>4</sup>
4	Blackacre Fdry Davenport	069/I, III	16	3280	1060	0020	0002 <sup>3</sup>			9.8	7 <sup>5</sup>
5	Frank Foundries Corp Davenport	069/I, III	16	3280	1060	0070	00006			4.8	7 <sup>5</sup>
6	Quality Fdry Stockton	069/I, III	16	3280			00014				7 <sup>5</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Blackhawk Foundry<sup>4</sup> Listed as 0 in CDS<sup>5</sup> Listed as 1 in CDS

TABLE 6.3-32

## POINT EMISSIONS AND ALLOWABLES

REGION	VII	INDUSTRY	Gray Iron		SIC	3321	STATE	IOWA	PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER		
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
1	No Data											
2	Cupola	PT CO	WS None	74.7			317 5410				58	
3	No Data											
4	Cupola	PT CO	WS-76.7% None	9.75							10	
5	Cupola	PT CO	None None	4.79			41 347					
6	No Data											

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-32

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	IOWA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	Cupola Cupola	PT VE	001 002	7 <sup>1</sup> 7 <sup>1</sup>	03/07/74	04/19/74 SCHEDULE EXPIRED BEFORE 1975	08/31/74		01/31/75
2	Cupola #1 Cupola #2 Cupola #3 Cupola #4 Sand Mixing Sand Coating	PT PT PT PT PT PT	007 009 011 013 015 017	5 5 5 5 5 5		SCHEDULE EXPIRED BEFORE 1975	DO DO DO DO DO		
3	Cupola Cupola	PT VE	020 021	7 <sup>2</sup> 7 <sup>2</sup>	06/16/72 09/01/72				06/30/75 06/30/75
4	Cupola Cupola	PT VE	001 002	7 <sup>1</sup> 7 <sup>1</sup>		SCHEDULE EXPIRED BEFORE 1975 DO			
5	Cupola #1 Cupola #1 Cupola #2 Cupola #2	PT VE PT VE	001 002 003 004	7 <sup>1</sup> 7 <sup>1</sup> 7 <sup>1</sup> 7 <sup>1</sup>		SCHEDULE EXPIRED BEFORE 1975 DO DO DO			

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-32

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	IOWA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
6	Cupola #4 Cupola #4	PT VE	001 002	7 <sup>1</sup> 7 <sup>1</sup>	03/03/74	04/19/74	08/31/74 DO	01/31/75	01/31/75

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-32

SOURCE SUMMARY - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	IOWA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
7	Griffin Pipe Prod Council Bluffs	085/	16	3140	0960	0095	00005			130.0	4
8	Katelman Fdry Inc Council Bluffs	085/	16	3140	0960	0125	00004			0.7	7 <sup>3</sup>
9	Const Machinery Waterloo	088/I, III	16	0340	3760	0025				0.1	0
10	Hawkeye Steel Prods Waterloo	088/I, III	16	0340	3760	0050	00009 SIC 3551			5.5	2 <sup>4</sup>
11	Headford Bros & Hitchins Waterloo	088/I, III	16	0340	3760	0055	00010			4.1	7 <sup>5</sup>
12	John Deere Waterloo	088/I, III	16	0340	3760	0080	00007 SIC 3523			68.5	7

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 0 in CDS<sup>4</sup> Regional office data

TABLE 6.3-32

## POINT EMISSIONS AND ALLOWABLES

REGION	VII	INDUSTRY	Gray Iron		SIC	3321	STATE	IOWA		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	Emissions - TPY						SIP ALLOWABLES	
					EMISSIONS - TPY		DESIGN <sup>1</sup>		ACTUAL <sup>1</sup>		DESIGN	
					DESIGN <sup>1</sup>	OPER <sup>1</sup>	PPH	TPY	PPH	TPY	PPH	TPY
7	Cupola	PT CO	WS-99% None	130.0		9430		18				
8	Cupola	PT CO	None None	0.708		6 51						
9	Cupola	PT CO	None None	0.05		< 1 4						
10	Cupola	PT CO	WS-98.2% None	5.5								
11	Cupola	PT CO	None None	4.1		35 297						
12	Cupola	PT CO	BH None	68.5								

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-32

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	IOWA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
7	Cupola Cupola	PT VE	001 002	4 4					
8	Cupola Cupola	PT VE	001 002	7 <sup>2</sup> 7 <sup>2</sup>		06/13/74 06/13/74	11/14/74 11/14/74	02/13/75 12/02/74	03/13/75 02/07/75
9	No Data								
10			ALL	2					
11	Cupola Cupola	PT VE	001 002	7 <sup>1</sup> 7 <sup>1</sup>		SCHEDULE EXPIRED BEFORE 1975 DO			
12	Cupola #1 Cupola #2 Cupola #4 Cupola #7 Cupola #8	PT PT PT PT PT	001 003 007 013 015	7 <sup>1</sup> 7 <sup>1</sup> 7 <sup>1</sup> 7 <sup>1</sup> 7 <sup>1</sup>		SCHEDULE EXPIRED BEFORE 1975 DO DO DO DO			

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-32

## SOURCE SUMMARY - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	IOWA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
13	Viking Pump Div Cedar Falls	088/I, III	16	0340	0620	0135	00023				5
14	White Farm Equip Co Charles City	089/IA, III	16	1480	0720	0050	00010 SIC 3523			74.9	6
15	Russelloy Fdry Durant	091/III III	16	600	0360	0015	00022			0.6	5
16	Bloomfield Fdry Bloomfield	091/III III	16	1080	0360	0005	00001			0.6	5
17	Dexter Co Fairfield	091/III III	16	2100	1440	0010	00003			11.4	6
18	Iowa Malleable Iron Co Fairfield	091/III III	16	2100	1440	0030				13.8	4 <sup>3</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Regional office data

TABLE 6.3-32

POINT EMISSIONS AND ALLOWABLES

REGION	VII	INDUSTRY	Gray Iron		SIC	3321	STATE	IOWA	PG 2/3							
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	Emissions - TPY								SIP Allowables			
					EMISSIONS - TPY				SIP. ALLOWABLES				DESIGN		OPER	
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN <sup>1</sup>	OPER <sup>1</sup>	PPH	TPY	PPH	TPY	PPH	TPY	
13	No Data															
14	Cupola	PT	WS-87.7%	71.3												
	Elec Ind Fce	CO PT	None	3.6			3									
15	No Data															
16	Cupola	PT CO	None None	0.589					5 43							
17	Cupola	PT CO	None None	11.4					97 827							
18	Elec Ind Fce	PT	None	13.8			10									

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-32

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	IOWA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
13	Cupola Cupola Reverb Fce Reverb Fce Sand System	PT VE PT VE PT	001 002 003 004 010	5 5 5 5 5		SCHEDULE 11/01/74	EXPIRED BEFORE 1975 DO DO DO		
14	Elec Ind Fce	PT	005	6	03/25/75	03/15/75	04/01/75	06/01/75	06/15/75
15	Cupola Cupola	PT VE	001 002	5 5	02/15/74	04/19/74	09/31/75 DO	10/31/75	11/31/75
16	Cupola Cupola	PT VE	001 002	5 5	03/07/74	04/19/74 SCHEDULE	08/31/74 EXPIRED BEFORE 1975	10/31/74	01/31/75
17	Cupola Cupola Cupola #2	PT VE PT	001 002 010	6 6 6		SCHEDULE	EXPIRED BEFORE 1975 DO 06/10/74	12/31/74	02/07/75
18			ALL	4					

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-32

SOURCE SUMMARY - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	IOWA				PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
19	Chariton Valley Fdry Centerville	092/I, III	16	0180	0660		00022				0
20	L. Benac & Son Inc Centerville	092/I, III	16	0180	0660	0020	00002			5.1	5
21	Progressive Fdry Inc Perry	092/I, III	16	1040	3060	0085	00014			4.1	7 <sup>3</sup>
22	Maytag Co Newton	092/I, III	16	2060	2800	0050				0.1	4 <sup>4</sup>
23	Newton Fdry Co Newton	092/I, III	16	2060	2800	0075	00013			2.5	7
24	Bigelow-Liptak Corp Marshalltown	092/I, III	16	2480	2500	0015				0.3	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS<sup>4</sup> Regional office data

TABLE 6.3-32

## POINT EMISSIONS AND ALLOWABLES

REGION	VII	INDUSTRY	Gray Iron		SIC	3321	STATE	IOWA	PG 2/3							
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE <sup>1</sup> KTPY	Emissions - TPY								SIP. ALLOWABLES			
					EMISSIONS - TPY			DESIGN <sup>1</sup>		OPER <sup>1</sup>		DESIGN		OPER		
					POTENTIAL	DESIGN <sup>1</sup>	OPER <sup>1</sup>	ACTUAL <sup>1</sup>	PPH	TPY	PPH	TPY	PPH	TPY		
19	No Data															
20	Cupola	PT CO	BH-99.9% None	5.1			< 1 370									
21	Cupola	PT CO	None None	4.09				35								
22	Induction	PT CO	None None	0.056				< 1								
23	Cupola	PT CO	None None	2.48					21 180							
24	Cupola	PT CO	None None	0.250					2 18							

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-32 POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	IOWA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
19	Cupola	CO	010	0					
20	Cupola Cupola	PT VE	001 002	5 5	04/01/73	05/01/73	06/01/74	06/23/75	06/23/75
21	Cupola Cupola	PT VE	001 002	7 <sup>1</sup> 7 <sup>1</sup>	04/23/74	01/23/74	04/27/74 DO	03/03/75	04/23/75
22			ALL	4					
23	Cupola Cupola	PT VE	001 002	7 <sup>2</sup> 7 <sup>2</sup>	08/28/74 08/28/74	08/14/74 08/14/74	05/15/75 05/15/75	05/30/75 05/30/75	06/15/75 06/15/75
24	No Data								

FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS

<sup>2</sup> Listed as 0 in CDS

<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-32

## SOURCE SUMMARY - EXISTING SOURCES

REGION VII		INDUSTRY Gray Iron		SIC	3321		STATE IOWA				PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
25	Gra-Iron Fdry Corp Marshalltown	092/I, III	16	2480	2500	0080	00006			12.2	7 <sup>3</sup>
26	Eagle Iron Works Des Moines	092/I, III	16	3120	1180	0215	00304			.4	4
27	Clow Corp Oskaloosa	092/I, III	16	2380	2960	0005	00209				7 <sup>3</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 0 in CDS

TABLE 6.3-32

## POINT EMISSIONS AND ALLOWABLES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	IOWA	PG 2/3				
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>					SIP ALLOWABLES			
					EMISSIONS - TPY			DESIGN		OPER		
					POTENTIAL	DESIGN <sup>1</sup>	OPER <sup>1</sup>	ACTUAL <sup>1</sup>	PPH	TPY		
25	Cupola	PT CO	None None	12.2			103 881					
26	Cupola	PT CO	WS-95% None	4.0			2 290				7	
27	No Data											

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-32

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	IOWA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
25	Cupola	PT VE	001 002	7 <sup>2</sup>	06/05/72 06/05/72	03/01/73	03/24/75	05/30/75	06/30/75
	Cupola					03/01/73	03/24/75	05/30/75	06/30/75
26	Cupola	PT VE	010 011	4					
	Cupola								
27	Cupola	PT VE PT VE	001 002 003 004	7 <sup>2</sup>	05/30/72	06/30/72	08/01/73 DO DO DO	07/15/74	01/01/75
	Cupola								
	Cupola								
	Cupola								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-33

SOURCE SUMMARY - EXISTING SOURCES

<u>REGION</u>	<u>VII</u>	<u>INDUSTRY</u>	<u>Gray Iron</u>	<u>SIC</u>	<u>3321</u>	<u>STATE</u>	<u>KANSAS</u>			<u>PG 1/3</u>	
<u>REFERENCE NUMBER</u>	<u>SOURCE LOCATION</u>	<u>AQCR/ PRIORITY</u>	<u>SAROAD CODING NUMBERS</u>			<u>SOURCE ID NUMBERS</u>			<u>SOURCE PRODUCTION RATE-KTPY</u>		
			<u>PT, CO</u>	<u>STATE</u>	<u>COUNTY</u>	<u>CITY</u>	<u>NEDS</u>	<u>CDS</u>	<u>STATE</u>	<u>DESIGN</u>	<u>OPER<sup>1</sup></u>
1	Colt Indus-Fairbanks Morse Div Kansas City	094/I, I	17	3840	1800	0047	00001			13.9	7 <sup>3</sup>
2	C E Ehrsam Co Enterprise	096/I, III	17	0820		0016	00030			6.3	7 <sup>4</sup>
3	North Central Fdry Enterprise	096/I, III	17	0820		0007	00011			-	7 <sup>3</sup>
4	Ausherman Mfg Belleville	096/I, III	17	3080	0240	0008	00234 NO SIC			1.0	4
5	Wyatt Mfg Co Inc Saline	096/I, III	17	3260	3240	0007	00003			5.7	4 <sup>3</sup>
6	Walton Foundry Inc Iola	098/III III	17	0040	1680	0005	00035			3.9	7 <sup>4</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 1 in CDS<sup>4</sup> Listed as 0 in CDS

TABLE 6.3-33

POINT EMISSIONS AND ALLOWABLES

REGION	VII	INDUSTRY	Gray Iron		SIC	3321	- STATE	KANSAS		PG 2/3						
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	Emissions - TPY								SIP Allowables			
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN <sup>1</sup>		OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		DESIGN <sup>1</sup>	OPER <sup>1</sup>	DESIGN <sup>1</sup>	OPER <sup>1</sup>					
1	Cupola	PT CO	WS-60% None	6.97			24 505									
	Cupola															
2	Cupola	PT CO	None None	6.25 6.25			53 453									
	Cupola															
3	Cupola	PT CO	None None													
	Electric Ind Fce	PT	None	1.0			< 1									
5	Cupola	PT CO	None None	5.67			48 411									
	Cupola															
6	Cupola	PT CO	WS-70.6% None	3.9			10 283									

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-33

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	KANSAS	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	Cupola #1	PT	001	7 <sup>1</sup>	10/12/73	11/20/73	03/29/74	04/26/74	02/15/75
	Cupola #1	CO	002	7 <sup>1</sup>	10/12/73	11/30/73	02/29/74	04/26/74	02/15/75
	Cupola #1	VE	003	7 <sup>1</sup>	10/12/73	11/30/73	03/29/74	04/26/74	02/15/75
	Cupola #2	PT	004	7 <sup>1</sup>	10/12/73	11/30/73	03/29/74	04/26/74	02/15/75
	Cupola #2	CO	005	7 <sup>1</sup>	10/12/73	11/30/73	03/29/74	04/26/74	02/15/75
	Cupola #2	VE	006	7 <sup>1</sup>	10/12/73	11/30/73	03/29/74	04/26/74	02/15/75
2	Cupola	CO	010	7 <sup>2</sup>					
3	Cupola	PT	001	7 <sup>1</sup>					
	Cupola	VE	002	7 <sup>1</sup>	05/03/73	05/10/73	08/01/73 DO	11/15/74	07/01/75
4			ALL	4					
5	Cupola	PT	001	4 <sup>1</sup>					
	Cupola	VE	002	4 <sup>1</sup>					
6	Cupola	PT	010	7 <sup>2</sup>			10/01/74	06/13/75	07/01/75
	Cupola	CO	012	7 <sup>2</sup>					
	Cupola	VE	011	7 <sup>2</sup>					

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-33

SOURCE SUMMARY - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	KANSAS	PG 1/3		
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY	SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	
7	McNally Pittsburg Mfg Pittsburg	098/III III	17	0740	2920	0004	00137 NO SIC			4 <sup>3</sup>
8	Acme Fdry & Mach Co Coffeyville	098/III III	17	2440	0600	0007	00006		14.4	7 <sup>4</sup>
9	Jencast Products Coffeyville	098/III III	17	2440	0600	0011	0012		2.0	7 <sup>4</sup>
10	Krause Plow Corp Hutchinson	099/I, III	17	3060	1640	0009	00081		3.1	0
11	M. W. Hartman Co Hutchinson	099/I, III	17	3060	1640	0011				6 <sup>5</sup>
12	Ehrsam Wichita Fdry Wichita	099/I, III	17	3320		0059	00124		4.8	- <sup>6</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Regional Office data - 0 in CDS<sup>4</sup> Listed as 1 in CDS<sup>5</sup> Regional Office data not in CDS<sup>6</sup> Regional Office reports out of business

TABLE 6.3-33

POINT EMISSIONS AND ALLOWABLES

REGION	VII	INDUSTRY	Gray Iron		SIC	3321	STATE	KANSAS		PG 2/3					
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE, KTPY <sup>1</sup>	EMISSIONS - TPY						SIP ALLOWABLES				
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN <sup>1</sup>		OPER <sup>1</sup>		DESIGN		OPER	
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	PPH	TPY	PPH	TPY
7	Electric Ind Fce Cupola	PT PT CO	WS-95% WS-95% None												
8	Cupola	PT CO	WS-50% None	14.4			61 1040								
9	Cupola	PT CO	None None	2.0			17 145								
10	Cupola	PT CO	WS-99.5% INCIN-93.8%	3.14			< 1 14								
11	Electric Ind Fce	PT CO	None None												
12	Cupola	PT CO	None	3.08											
	Cupola	PT CO	None	1.73			15 125								

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-33

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	KANSAS	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
7			ALL	4 <sup>4</sup>					
8	Cupola	PT	001	7 <sup>1</sup>					
	Cupola	VE	002	7 <sup>1</sup>					
9	Cupola	PT	001	7 <sup>1</sup>	07/01/73	07/01/74	01/01/75	06/31/75	07/31/75
	Cupola	VE	002	7 <sup>1</sup>			DO		
10	Cupola	PT	010	0					
	Cupola	CO	012	0					
	Cupola	VE	011	0					
11	No Data								
12	Cupola	PT	010	0					
	Cupola	CO	012	0					
	Cupola	CO	020	0					
	Cupola	VE	011	0					

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA<sup>4</sup> Regional Office data

TABLE 6.3-33

SOURCE SUMMARY - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	KANSAS	PG 1/3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
13	Ferroloy Fdry Wichita	099/I, III	17	3320	3740	0008	00109			0.5	0
14	Grede Foundries Wichita	099/I, III	17	3320		0006	00108 NO SIC			3.4	4 <sup>3</sup>
15	Service Iron Fdry Wichita	099/I, III	17	3320	3740	0007	00205 NO SIC			4.5	4
16	Tweco Products Inc Wichita	099/I, III	17	3320	3740	0078	00216 NO SIC				4
17	Western Iron & Fdry Wichita	099/I, III	17	3320	3740	0027	00150 NO SIC			1.2	7 <sup>4</sup>
18	Buffalo Industries Garden City	100/I, III	17	1060	1180	0005	00006			4.8	7 <sup>5</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>5</sup> Listed as 1 in CDS<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Regional Office data - 0 in CDS<sup>4</sup> Listed as 0 in CDS

TABLE 6.3-33

## POINT EMISSIONS AND ALLOWABLES

REGION	VII	INDUSTRY	Gray Iron		SIC	3321	STATE	KANSAS		PG 2/3					
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY						SIP ALLOWABLES				
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER		DESIGN		OPER	
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	PPH	TPY	PPH	TPY
13	Electric Ind Fce Cupola	PT PT CO	None WS-53% None	0.51											
14	Cupola	PT CO	None None	3.4			29 247								
15	Cupola	PT CO	WS-78% INCIN-93.8%	4.5			8 20								
16	Reverb Fce	PT CO	None None												
	Reverb Fce	PT CO	None None												
17	Cupola	PT CO	None None	1.16			10 84								
18	Cupola	PT CO	None None	1.2			10 87								
	Cupola	PT CO	None None	3.6			31 261								

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-33 POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	KANSAS	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
13	Cupola Cupola Cupola	PT CO VE	010 012 011	0 0 0					
14			ALL	4 <sup>4</sup>					
15	Cupola Cupola	PT VE	010 020	4 4					
16			ALL	4					
17	Cupola	PT	010	7 <sup>2</sup>	02/01/74	03/01/74	08/01/74	12/01/74	06/30/75
18	Cupola	PT	001	7 <sup>1</sup>	08/01/74	09/01/74	03/01/75	07/01/75	07/31/75

FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS

<sup>2</sup> Listed as 0 in CDS

<sup>3</sup> Schedule Not Approved by EPA

<sup>4</sup> Regional office data - 0 in CDS

TABLE 6.3-33

## SOURCE SUMMARY - EXISTING SOURCES

REGION VII		INDUSTRY Gray Iron		SIC	3321		STATE KANSAS				PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT,CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
19	P J Bays Fdry Dodge City	100/I, III	17	1080	0800	0006				0.6	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-33

## POINT EMISSIONS AND ALLOWABLES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	KANSAS	PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>							
					EMISSIONS - TPY			SIP ALLOWABLES			
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER	
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY
19	Cupola	PT CO	None None	0.6		5 44					1.0

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-33

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	KANSAS	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
19	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-34

## SOURCE SUMMARY - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	MISSOURI			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER	
1	Didion & Sons Fdry St. Peters	070/I,I	26	4160			00078				4
2	American Fdry & Mfg St. Louis	070/I,I	26	4280	4280						0
3	Carondelet Fdry Co St. Louis	070/I,I	26	4280	4280						0
4	Century Fdry Div St. Louis	070/I,I	26	4280	4280		00099				4
5	Kupferle, John C. Fdry St. Louis	070/I,I	26	4280	4280						0
6	Liberty Fdry Co St. Louis	070/I,I	26	4280	4280						0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-34

## POINT EMISSIONS AND ALLOWABLES

REGION	VII	INDUSTRY	Gray Iron		SIC	3321	STATE	MISSOURI		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER		
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
1	No Data											
2	No Data											
3	No Data											
4	No Data											
5	No Data											
6	No Data											

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-34

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	MISSOURI	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
1			ALL	4				
2	No Data							
3	No Data							
4			ALL	4				
5	No Data							
6	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-34

## SOURCE SUMMARY - EXISTING SOURCES

REGION <u>VII</u>		INDUSTRY	Gray Iron	SIC	<u>3321</u>	STATE <u>MISSOURI</u>				PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	
7	Spuck Iron & Fdry Co St. Louis	070/I, I	26	4280	4280						0
8	Tower Grove Fdry St. Louis	070/I, I	26	4280	4280						0
9	Banner Iron Works St. Louis	070/I, III	26	4300	4280						0
10	Banner Iron Wks Green Div St. Louis	070/I, III	26	4300	4280						0
11	Central Pattern Co Hazelwood	070/I, I	26	4300	2000						0
12	St. Louis Precision Casting Co Fenton	070/I, I	26	4300							0

FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-34

## POINT EMISSIONS AND ALLOWABLES

REGION	VII	INDUSTRY	Gray Iron		SIC	3321	STATE	MISSOURI		PG 2/3	
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY			SIP ALLOWABLES			
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER	
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY
7	No Data										
8	No Data										
9	No Data										
10	No Data										
11	No Data										
12	No Data										

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-34

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	MISSOURI	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
7	No Data								
8	No Data								
9	No Data								
10	No Data								
11	No Data								
12	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-34

## SOURCE SUMMARY - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	MISSOURI				PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
13	Degginger Fdry & Mfg St. Joseph	094/I,I	26	0520	4260						0
14	Prewitt, J. R. & Sons Inc Pleasant Hill	094/I,I	26	0840	3760						0
15	Abex Corp, RR Prod Group North Kansas City	094/I,I	26	1020	3380						0
16	Arpocalloy Co Kansas City	094/I,I	26	2240	2380						0
17	Clay and Baily Co Kansas City	094/I,I	26	2240	2380	0012	00011			5.6	4
18	Independence Mfg & Stove Co Independence	094/I,I	26	2240	2180	0049	00068			5.2	2

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-34

## POINT EMISSIONS AND ALLOWABLES

REGION	VII	INDUSTRY	Gray Iron		SIC	3321	STATE	MISSOURI		PG 2/3					
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY						SIP. ALLOWABLES				
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER		DESIGN		OPER	
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	PPH	TPY	PPH	TPY
13	No Data														
14	No Data														
15	No Data														
16	No Data														
17	Cupola	PT CO	None INCIN-99.9%	5.61			48 < 1							9	
18	Cupola	PT CO	BH-98.8% None	5.16			< 1 374							13	

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-34

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	MISSOURI	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
13	No Data							
14	No Data							
15	No Data							
16	No Data							
17			ALL	4				
18			ALL	2				

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-34

## SOURCE SUMMARY - EXISTING SOURCES

REGION VII		INDUSTRY Gray Iron		SIC	3321		STATE MISSOURI		PG 1/3		
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
19	Kansas City Boiler Works Kansas City	094/I, I	26	2240	2380						0
20	Lightening Industries Kansas City	094/I, I	26	2240	2380	0029	00008		0.6		4
21	Knapp, William A. Co Riverside	094/I, I	26	3740							0
22	Gardner-Denver La Grange	137/II, III	26	2640			00014				4
23	McNeely Bros Fdry & Mach Works Jackson	138/III, III	26	0720	2220						4
24	Bonne Terre Fdry Co Bonne Terre	138/III, III	26	4220	0360		00060				0

FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-34

## POINT EMISSIONS AND ALLOWABLES

REGION	VII	INDUSTRY	Gray Iron		SIC	3321	STATE	MISSOURI		PG 2/3					
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY							SIP ALLOWABLES			
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN <sup>1</sup>		DESIGN		OPER			
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	PPH	TPY		
19	No Data														
20	Cupola	PT CO	None None	0.60		5 44							1		
21	No Data														
22	No Data														
23	No Data														
24	No Data														

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-34

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	MISSOURI	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
19	No Data							
20			ALL	4				
21	No Data							
22			ALL	4				
23			ALL	4				
24	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-34

SOURCE SUMMARY - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC.	3321	STATE	MISSOURI	PG 1/3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	
25	Reyco Industries Inc Springfield	139/I, III	26	1860	4580	0003	00009			32.6	4
26	Crouchs Fdry Inc Duenwig	139/I, III	26	2260							
27	Ozark Refining & Casting Crane	139/I, III	26	4620							
28	Stahl Specialty Co Kingsville	139/I, III	26	2340							

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-34

## POINT EMISSIONS AND ALLOWABLES

REGION	VII	INDUSTRY	Gray Iron		SIC	3321	STATE	MISSOURI		PG 2/3					
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	Emissions - TPY							SIP Allowables			
					POTENTIAL		ACTUAL <sup>1</sup>	EMISSIONS - TPY		DESIGN		OPER			
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	PPH	TPY		
25	Cupola	PT CO	BH-99% None	16.3		1180							68		
	Cupola	PT CO	BH-99% None	16.3		1180							68		
26	No Data														
27	No Data														
28	No Data														

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-34

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	<u>VII</u>	INDUSTRY	Gray Iron	SIC	3321	STATE	MISSOURI	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
25			ALL	4					
26	No Data								
27	No Data								
28	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-35

SOURCE SUMMARY - EXISTING SOURCES

REGION <u>VII</u>		INDUSTRY	Gray Iron	SIC	3321	STATE	NEBRASKA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	American Smelt & Ref Omaha	085/I, III	28	0780	1880	0020	00003 <sup>3</sup> SIC 3332		-	0.2	4
2	Paxton Mitchell Omaha	085/I, III	28	0780	1880	0015	00019		-	12.0	0
3	Dempster Inds Inc Beatrice	145/II, III	28	0960	0160	0009	00028		-	3.0	0
4	Deeter Foundry Lincoln	145/II, III	28	1520	1560	0018	00007		-	3.1	5
5	Western Land Roller Co Hastings	146/III, III	28	0020	1200	0001	00001		-	4.5	0
6	Sishc Mfg Co Gering	146/III, III	28	2260	1020	0011			-	0.2	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> County number is 2180 in CDS

TABLE 6.3-35

POINT EMISSIONS AND ALLOWABLES

REGION	VII	INDUSTRY	Gray Iron		SIC	3321	STATE	NEBRASKA		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER		
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
1	Cupola	PT CO	BH-9918% None	0.218		< 1 16						
2	Induct Cupola	PT PT CO	BH-99.0% None None	12.0 0.1		< 1 < 1 < 1						
3	Cupola	PT CO	None None	3.0		26 218						
4	Cupola	PT CO	None None	3.13		27 227						
5	Cupola	PT CO	None None	4.49		38 325						
6	Cupola	PT CO	None None	0.2		2						

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-35

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VII	INDUSTRY	Gray Iron	SIC	3321	STATE	NEBRASKA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	No Data								
2	Elec Arc Fce Elec Arc Fce Grind Grind	PT VE PT VE	010 011 030 031	0 0 0 0					
3	Cupola	CO	010	0					
4	Cupola Cupola	VE PT	001 003	5 5	04/30/73	01/02/74	04/15/74 DO	04/01/75	05/01/75
5	Cupola	CO	010	0					
6	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

**RADIAN**  
**CORPORATION**

REGION VIII  
TABLES 6.3-36 TO 6.3-39

TABLE 6.3-36

## SOURCE SUMMARY - EXISTING SOURCES

REGION	VIII	INDUSTRY	Gray Iron	SIC	3321	STATE	COLORADO			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	Castings Inc Grand Junction	035/III III	06	1520	0980	0004				1.4	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-36

POINT EMISSIONS AND ALLOWABLES

REGION	VIII	INDUSTRY	Gray Iron	SIC	3321	STATE	COLORADO	PG 2/3								
REFERENCE NUMBER	POINT SOURCE <sup>1</sup> DESCRIPTION	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY								SIP ALLOWABLES			
					EMISSIONS - TPY		DESIGN <sup>1</sup>		ACTUAL		DESIGN		OPER			
					POTENTIAL	OPER <sup>1</sup>	PPH	TPY	PPH	TPY	PPH	TPY	PPH	TPY		
1	Cupola	PT CO	GC - 85% None	1.4		102										

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-36

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VIII	INDUSTRY	Gray Iron	SIC	3321	STATE	COLORADO	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-37

## SOURCE SUMMARY - EXISTING SOURCES

REGION VIII		INDUSTRY Gray Iron		SIC	3321		STATE MONTANA		PG 1/3		
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		COMPLIANCE SOURCE STATE
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	Anaconda Co Anaconda	142/IA, III	27	0400	0020	0002	00002 SIC 3331			1.6	1

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-37

## POINT EMISSIONS AND ALLOWABLES

REGION	VIII	INDUSTRY	Gray Iron		SIC	3321	STATE	MONTANA		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
1	Cupola	PT CO	None None	1.6		14.0						

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-37

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VIII	INDUSTRY	Gray Iron	SIC	3321	STATE	MONTANA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-38

## SOURCE SUMMARY - EXISTING SOURCES

REGION	VIII	INDUSTRY	Gray Iron	SIC	3321	STATE	NORTH DAKOTA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	Fargo Foundry Fargo	130/II, III	35	0220	0400	0003				2.1	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-38

POINT EMISSIONS AND ALLOWABLES

REGION	VIII	INDUSTRY	Gray Iron		SIC	3321	STATE	NORTH DAKOTA		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE <sup>1</sup> KTPY	EMISSIONS - TPY						SIP ALLOWABLES	
					EMISSIONS - TPY		ACTUAL	DESIGN		OPER		
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
1	Cupola	PT CO	None None	2.08		18.0 151.0						3.0

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-38

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VIII	INDUSTRY	Gray Iron	SIC	3321	STATE	NORTH DAKOTA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-39

## SOURCE SUMMARY - EXISTING SOURCES

REGION	VIII	INDUSTRY	Gray Iron	SIC	3321	STATE	UTAH			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	Eimco Fdry Div Salt Lake City	220/I,I	46	0900		0019	00019 SIC 3323				4
2	May Fdry & Mach Co Salt Lake City	220/I,I	46	0900	0920	0039	00039		2.1	6 <sup>3</sup>	
3	Pippy Foundry Inc Salt Lake City	220/I,I	46	0900			10011				0
4	Backman Fdry & Mach Provo	220/I,I	46	1220			10001				0
5	Pacific States Cast Iron Pipe Springville	220/I,I	46	1220	1100	0017	00017		76.2	4	
6	Spanish Fork Fdry Spanish Fork	220/I,I	46	1220			10007				1

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Regional office data - 0 in CDS

TABLE 6.3-39

## POINT EMISSIONS AND ALLOWABLES

REGION	VIII	INDUSTRY	Gray Iron		SIC	3321	STATE	UTAH		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE <sup>1</sup> KTPY	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN <sup>1</sup>	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
1	No Data											
2	Cupola	PT CO	None None	2.08		18.0 151.0					4.0	
3	No Data											
4	No Data											
5	Cupola	PT CO	WS - 80% None	76.2		5,520					60.0	
6	No Data											

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-39

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	VIII	INDUSTRY	Gray Iron	SIC	3321	STATE	UTAH	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1			ALL	4					
2	Cupola	PT	001	6 <sup>4</sup>			03/01/75	05/01/75	07/31/75
3	No Data								
4	No Data								
5			ALL	4					
6	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA<sup>4</sup> Regional Office data - 5 in CDS

**RADIAN**  
**CORPORATION**

REGION IX  
TABLES 6.3-40 TO 6.3-41

TABLE 6.3-40

## SOURCE SUMMARY - EXISTING SOURCES

REGION	IX	INDUSTRY	Gray Iron	SIC	3321	STATE	CALIFORNIA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN <sup>1</sup>	OPER <sup>1</sup>	
1	Abex Corporation Pomona	024/I, I	05	4200	6040	0041	00014			15.7	2
2	Abex Corp	024/I, I	05	4200		0041	00527				0
3	Ace Foundry Ltd Huntington Park	024/I, I	05	4200	3340		00015				3
4	Acme Casting Huntington Park	024/I, I	05	4200	3340	0339	00577				0
5	Airesearch Casting Torrance	024/I, I	05	4200	8260	0401	00580 SIC 3291				0
6	Alhambra Fdry Co Ltd Alhambra	024/I, I	05	4200	0100	0427	00584 SIC 3312				0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-40

## POINT EMISSIONS AND ALLOWABLES

REGION IX		INDUSTRY Gray Iron		SIC 3321	STATE CALIFORNIA		PG 2/3				
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY			SIP ALLOWABLES			
					POTENTIAL		ACTUAL <sup>2</sup>	DESIGN		OPER	
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY
1	Cupola	PT CO	BH 99.9% None	15.700		133	1				
2	No Data					1138	96				
3	No Data										
4	Elec Ind Fce	PT	BH 86.1%			1					
5	Elec Ind Fce	PT	None			5					
6	No Data										

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-40

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	<u>IX</u>	INDUSTRY	Gray Iron	SIC	<u>3321</u>	STATE	CALIFORNIA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1			ALL	2					
2	No Data								
3			ALL	3					
4	No Data								
5	No Data								
6	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-40

## SOURCE SUMMARY - EXISTING SOURCES

REGION	IX	INDUSTRY	Gray Iron	SIC	3321	STATE	CALIFORNIA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	
7	Bell Fdry Co Southgate	024/I,I	05	4200	7820	0680	00605 SIC 3291				0
8	Camsco Foundry Inc	024/I,I	05	4200		0903	00616 SIC 3291				0
9	Covert Iron Works Huntington Park	024/I,I	05	4200	3340	1189	00641				0
10	Dameron Alloy Fdry Compton	024/I,I	05	4200	1580	1266	00644				0
11	Dayton Fdry Los Angeles	024/I,I	05	4200	4180	1290	00647				0
12	Electric Castings Azusa	024/I,I	05	4200	0500	1435	00651				0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-40

## POINT EMISSIONS AND ALLOWABLES

REGION	TX	INDUSTRY	Gray Iron	SIC	3321	STATE	CALIFORNIA	PG 2/3				
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL <sup>2</sup>	DESIGN		DESIGN		OPER
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
7	No Data											
8	No Data											
9	Reverb Fce	PT CO	BH 81.7% None				3					
10	Elec Ind Fce	PT	None			1						
11	Elec Ind Fce	PT	BH 93.8%				3					
12	Elec Ind Fce	PT	None			5						

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-40

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IX	INDUSTRY	Gray Iron	SIC	3321	STATE	CALIFORNIA	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
7	No Data							
8	No Data							
9	No Data							
10	No Data							
11	No Data							
12	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-40

## SOURCE SUMMARY - EXISTING SOURCES

REGION	IX	INDUSTRY	Gray Iron	SIC	3321	STATE	CALIFORNIA	PG 1/3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER 1	
13	FMC Corp Vernon	024/I, I	05	4200			00030				0
14	Globe Iron Fdry Los Angeles	024/I, I	05	4200	4180	1688	00672				0
15	Gregg Iron Fdry El Monte	024/I, I	05	4200		2320	00680 SIC 3291				0
16	Hoefer Fdry Azusa	024/I, I	05	4200	0500						0
17	Layne & Bowler Pump. Los Angeles	024/I, I	05	4200	4180	2140	00698				0
18	Lincoln Fdry Corp Los Angeles	024/I, I	05	4200	4180						0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-40

## POINT EMISSIONS AND ALLOWABLES

REGION	TX	INDUSTRY	Gray Iron		SIC	3321	STATE	CALIFORNIA		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY						SIP ALLOWABLES	
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
13	No Data											
14	Elec Ind Fce	PT	None			6						
15	No Data											
16	No Data											
17	Reverb Fce	PT CO	None None			5						
18	No Data											

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6, 3-40

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IX	INDUSTRY	Gray Iron	SIC	3321	STATE	CALIFORNIA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
13	No Data								
14	No Data								
15	No Data								
16	No Data								
17	No Data								
18	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-40

SOURCE SUMMARY - EXISTING SOURCES

REGION	IX	INDUSTRY	Gray Iron	SIC	3321	STATE	CALIFORNIA	PG 1/3		
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY	SOURCE COMPLIANCE STATUS
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	
19	Long Beach Iron Works Long Beach	024/I,I	05	4200	4100	2203	00705			0
20	Pacific Ball Mfg Co South Gate	024/I,I	05	4200	7820	2616	00737			0
21	Pomona Fdry Pomona	024/I,I	05	4200	6040	2774	00747			0
22	Reliable Iron Fdry	024/I,I	05	4200		2878	00759 SIC 3312			0
23	Renfro Fdry Los Angeles	024/I,I	05	4200	4180					0
24	Sigma Casting Corp	024/I,I	05	4200			06038 NO SIC			0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-40

## POINT EMISSIONS AND ALLOWABLES

REGION	IX	INDUSTRY	Gray Iron		SIC	3321	STATE	CALIFORNIA		PG 2/3					
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY							SIP ALLOWABLES			
					EMISSIONS - TPY		SIP ALLOWABLES		DESIGN		OPER				
					DESIGN	OPER <sup>1</sup>	ACTUAL		PPH	TPY	PPH	TPY			
19	No Data														
20	No Data														
21	Elec Ind Fce Reverb Fce	PT PT	None None				1	2							
22	No Data														
23	No Data														
24	No Data														

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-40

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IX	INDUSTRY	Gray Iron	SIC	3321	STATE	CALIFORNIA	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
19	No Data							
20	No Data							
21	No Data							
22	No Data							
23	No Data							
24	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-40

## SOURCE SUMMARY - EXISTING SOURCES

REGION IX		INDUSTRY Gray Iron		SIC	3321		STATE CALIFORNIA		PG 1/3		
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
25	Southwest Casting Paramount	024/I,I	05	4200	5740	3121	00773				0
26	Westelectric Casting Los Angeles	024/I,I	05	4200	4180	3573	00800				0
27	Anaheim Fdry Anaheim	024/I,I	05	5440	0230	0003	00501 SIC 3291			10.5	0
28	Moritz Fdry Santa Anna	024/I,I	05	5440	7180	0018				2.6	0
29	Soundcast Co Newport Beach	024/I,I	05	5440	5140						0
30	Clow Corp Corona	033/I,I	05	6420	1680	0033	00015				7

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-40

## POINT EMISSIONS AND ALLOWABLES

REGION	IX	INDUSTRY	Gray Iron		SIC	3321	STATE	CALIFORNIA		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL <sup>1</sup>	DESIGN		OPER		
					DESIGN	OPER <sup>2</sup>		PPH	TPY	PPH	TPY	
25	Reverb Fce	PT	None				2					
26	Elec Ind Fce	PT	None				1					
27	Cupola	PT CO	BH -80% None	10.5			89 761		18			
28	Cupola	PT CO	None INCIN 88.0%	2.600			22 188		23			
29	No Data											
30	Elec Ind Fce	PT	None				3					

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-40

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IX	INDUSTRY	Gray Iron	SIC	3321	STATE	CALIFORNIA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
25	No Data								
26	No Data								
27	No Data								
28	No Data								
29	No Data								
30	Elec Ind Fce	PT	001	7			01/13/75	02/20/75	03/17/75

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-40

SOURCE SUMMARY - EXISTING SOURCES

REGION	IX	INDUSTRY	Gray Iron	SIC	3321	STATE	CALIFORNIA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
31	Hemet Casting Co Hemet	024/I,I	05	6420			06004				0
32	Pacific Castings	024/I,I	05	6420							0
33	Riverside Fdry	024/I,I	05	6420		0036	0036				0
34	General Casting	028/II	05	5080		0008	00504 SIC 3323				0
35	National Steel & Ship Bldg San Diego	029/I,I	05	6820	6800	0019	00511			0.8	0
36	South Bay Fdry National City	029/II, I	05	6820	5040	0018	00510				0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-40

## POINT EMISSIONS AND ALLOWABLES

REGION	IX	INDUSTRY	Gray Iron		SIC	3321	STATE	CALIFORNIA		PG 2/3						
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT- EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY								SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER <sup>1</sup>		DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	PPH	TPY	PPH	TPY	
31	No Data															
32	No Data															
33	No Data															
34	No Data															
35	Cupola	PT CO	BH INCIN	0.794			7 58			1						
36	No Data															

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-40

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IX	INDUSTRY	Gray Iron	SIC	3321	STATE	CALIFORNIA	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
31	No Data							
32	No Data							
33	No Data							
34	No Data							
35	No Data							
36	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-40

## SOURCE SUMMARY - EXISTING SOURCES

REGION	IX	INDUSTRY	Gray Iron	SIC	3321	STATE	CALIFORNIA			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>
37	West States Cast	029/I, I	05	6820		0070	00557 SIC 3272				0
38	American Brass & Iron Fdry Oakland	030/II,	05	0060	5300	0001	00500			52.8	0
39	H. M. Nystrom Co Oakland	030/II, I	05	0060	5300						0
40	Phoenix Iron Works Oakland	030/II, I	05	0060	5300						0
41	U. S. Pipe & Fdry Union City	030/II, I	05	0060	8420	0029	00516				0
42	Vulcan Fdry Co Oakland	030/II, I	05	0060	5300	0030	00517				0

FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-40

## POINT EMISSIONS AND ALLOWABLES

REGION	IX	INDUSTRY	Gray Iron		SIC	3321	STATE	CALIFORNIA		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY					SIP ALLOWABLES			
					POTENTIAL		ACTUAL <sup>2</sup>	DESIGN		OPER <sup>1</sup>		DESIGN	
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	PPH	TPY
37	No Data												
38	Cupola	PT CO PT CO	BH None BH INCIN-97.8%	21.900 21.0			186 1588 186 1988						
39	No Data						56						
40	No Data												
41	Cupola	PT CO PT CO	BH None BH None										
42	Cupola	PT CO	BH None										

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-40

POINT EMISSIONS AND ALLOWABLES

REGION	IX	INDUSTRY	Gray Iron		SIC	3321	STATE	CALIFORNIA		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL	DESIGN		OPER		DESIGN	OPER
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY		
42 cont	Cupola Elec Ind Fce	PT CO PT	BH None None										

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-40

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IX	INDUSTRY	Gray Iron	SIC	3321	STATE	CALIFORNIA	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
37	No Data							
38	No Data							
39	No Data							
40	No Data							
41	No Data							
42	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-40

## SOURCE SUMMARY - EXISTING SOURCES

REGION	IX	INDUSTRY	Gray Iron	SIC	3321	STATE	CALIFORNIA	PG 1/3			
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY	COMPLIANCE STATUS	
			PT, CO	STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>
43	Atlas Fdry & Mfg Richmond	030/II, I	05	1620	6300						0
44	H. C. McCaulay Fdry Berkeley	030/II, I	05	1620	0740						0
45	San Francisco Iron Fdry San Francisco	030/II, I	05	6880	6860						0
46	Knight Fdry Lodi	031/I, I	05	0220	4040	0004	00503			0.1	0
47	Bakersfield Fdry Bakersfield	031/I, I	05	3480	0520	0008	00505			0.2	0
48	Kern River Fdry Bakersfield	031/I, I	05	6960	4040	0013	00509			41.0	0

FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-40

## POINT EMISSIONS AND ALLOWABLES

REGION	IX	INDUSTRY	Gray Iron		SIC	3321	STATE	CALIFORNIA		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY						SIP ALLOWABLES		
					POTENTIAL		ACTUAL	DESIGN		OPER <sup>1</sup>		DESIGN	
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	PPH	TPY
43	No Data												
44	No Data												
45	No Data												
46	Cupola	PT CO	None None	0.135			10						
47	Cupola	PT CO	None None	0.212			15						
48	Cupola	PT CO	None None	0.306			22						

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-40

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	IX	INDUSTRY	Gray Iron	SIC	3321	STATE	CALIFORNIA	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
43	No Data							
44	No Data							
45	No Data							
46	No Data							
47	No Data							
48	No Data							

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-40

SOURCE SUMMARY - EXISTING SOURCES

<u>REGION</u>	<u>IX</u>	<u>INDUSTRY</u>	<u>Gray Iron</u>	<u>SIC</u>	<u>3321</u>	<u>STATE</u>	<u>CALIFORNIA</u>			<u>PG 1/3</u>	
<u>REFERENCE NUMBER</u>	<u>SOURCE LOCATION</u>	<u>AQCR/ PRIORITY</u>	<u>SAROAD CODING NUMBERS</u>			<u>SOURCE ID NUMBERS</u>			<u>SOURCE PRODUCTION RATE-KTPY</u>	<u>SOURCE COMPLIANCE STATUS</u>	
			<u>PT, CO</u>	<u>STATE</u>	<u>COUNTY</u>	<u>CITY</u>	<u>NEDS</u>	<u>CDS</u>	<u>STATE</u>	<u>DESIGN</u>	<u>OPER<sup>1</sup></u>
49	Pacific So Fdry	031/I,I	05	3480			0023	00518			0
50	Lodi Iron Works Lodi	031/I,I	05	6960	4040		0013	00509		41.0	0
51	Pinkerton Fdry Lodi	031/I,I	05	6960	4040		0010	00506		2.7	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-40

POINT EMISSIONS AND ALLOWABLES

REGION <u>IX</u>		INDUSTRY	Gray Iron		SIC	<u>3321</u>	STATE	CALIFORNIA		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY						SIP ALLOWABLES		
					POTENTIAL		DESIGN	OPER <sup>2</sup>	ACTUAL	DESIGN		OPER	
					PPH	TPY				PPH	TPY		
49	No Data												
50	Elec Ind Fce	PT	WS 53.0%	41.000			382		180				
51	Cupola	PT CO	None None	2.680			23		194				

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-40

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	<u>IX</u>	INDUSTRY	Gray Iron	SIC	<u>3321</u>	STATE	CALIFORNIA	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
49	No Data								
50	No Data								
51	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-41

## SOURCE SUMMARY - EXISTING SOURCES

REGION	IX	INDUSTRY	Gray Iron	SIC	3321	STATE	HAWAII			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	Honolulu Iron Works Honolulu	060/II, III	12	0140	0120	0063	0002			2.0	4 <sup>3</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 0 in CDS

TABLE 6.3-41

## POINT EMISSIONS AND ALLOWABLES

REGION	IX	INDUSTRY	Gray Iron		SIC	3321	STATE	HAWAII		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL	DESIGN		DESIGN		OPER	
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY		
1	Cupola	PT	WS 53.0%	0.644									
		CO	INCIN 93.8%										
	Cupola	PT	WS 53.0%	1.320									
		CO	INCIN 93.8%										

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-41

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	<u>IX</u>	INDUSTRY	Gray Iron	SIC	<u>3321</u>	STATE	HAWII	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
1	Iron Fdry	PT	001	4 <sup>2</sup>				

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

**RADIAN**  
**CORPORATION**

REGION X

TABLES 6.3-42 TO 6.3-43

TABLE 6.3-42

SOURCE SUMMARY - EXISTING SOURCES

REGION X		INDUSTRY Gray Iron		SIC 3321		STATE OREGON				PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	Mid-Ore Iron Wks Bend	190/	38	0500	0180	0025	10002		-	-	4
2	Valley Iron & Steel Eugene	193/I,I	38	1020	0560				-	-	0
3	Rich Mfg Co Portland	193/I,I	38	1240	1460	0020	00020		-	-	6
4	Western Foundry Co Tigard	193/I,I	38	1860	1710	1879	00002		-	5.8	5

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-42

## POINT EMISSIONS AND ALLOWABLES

REGION	X	INDUSTRY	Gray Iron		SIC	3321	STATE	OREGON		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
1	No Data											
2	No Data											
3	No Data											
4	Cupola	PT CO	WS 84.5% None	5.8			23 304					

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-42

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	X	INDUSTRY	Gray Iron	SIC	3321	STATE	OREGON	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
1			ALL	4					
2	No Data								
3	Ind Fce	PT	002	6		SCHEDULE	EXPIRED BEFORE 1975		
4	Cupola Cupola Elec Arc Sand Mdl Sand Sh Roto Blest Grind	PT S2 PT PT PT PT PT	101 101 102 103 104 105 106	5 5 5 5 5 5 5				05/01/75 05/01/75 05/01/75 05/01/75 05/01/75 05/01/75 05/01/75	

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-43

## SOURCE SUMMARY - EXISTING SOURCES

REGION X	INDUSTRY	Gray Iron	SIC	3321	STATE	WASHINGTON			PG 1/3		
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
1	Inland Foundry Co Spokane	062/I,I	49	2060	2040	0018	00018		-	1.5	6
2	Vancouver Iron & Steel Vancouver	193/I,I	49	0360	2220	0024	10012		-	2.4	4
3	S & N Foundry Wenatchee	227/II, III	49	0300		-	10006				4
4	Long Foundry Hoquiam	228/II, III	49	0840	0860	0016	00016		-	4.1	2
5	Bendix-Skagit Sedro-Wooley	228/II, III	49	1940	1860	0004	00004		-	-	4
6	Olympic Foundry Seattle	229/I,I	49	0980	1840	0005	00005		-	7.1	4

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-43

## POINT EMISSIONS AND ALLOWABLES

REGION	X	INDUSTRY	Gray Iron		SIC	3321	STATE	WASHINGTON		PG 2/3			
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES				
					POTENTIAL		ACTUAL	DESIGN		OPER			
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY		
1	Cupola	PT CO	None None	1.5			13 109					1	
2	Cupola	PT CO	None None	0.7			6 51						
	Elec Ind Fce	PT	None	1.69			1					4	
3	No Data												
4	Cupola	PT CO	WS 95.0% None	4.09			2 296						
5	No Data												
6	Cupola	PT CO	BH-99.0% None BH 99.0%	6.34 0.713			<1 460 <1						
	Elec Ind Fce	PT											

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-43

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	X	INDUSTRY	Gray Iron	SIC	3321	STATE	WASHINGTON	PG3/3
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS			
					01	02	03	04
1	No Data							
2			ALL	4				
3			ALL	4				
4			ALL	2				
5			ALL	4				
6			ALL	4				

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-43

SOURCE SUMMARY - EXISTING SOURCES

REGION	X	INDUSTRY	Gray Iron	SIC	3321	STATE	WASHINGTON			PG 1/3	
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
7	Pacific Car & Fndry Renton	229/I, III	49	0980		0008	00008 SIC 3742				4
8	Western Steel Castg Seattle	229/I, III	49	0980		0016	00016 SIC 3323				4
9	Atlas Fdry Tacoma	229/I,I	49	1560	2140	0023	10026		-	0.9	4
10	Fick Foundry Tacoma	229/I,I	49	1560	2140	0043	10007		-	-	6
11	Sather Mfg Everett	229/I,I	49	2000	0640	0031	10032		-	-	4
12	Roslyn Foundry Roslyn	230/	49	1040	-	0002	10001 NO SIC		-	-	7 <sup>3</sup>

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society<sup>3</sup> Listed as 0 in CDS

TABLE 6.3-43

## POINT EMISSIONS AND ALLOWABLES

REGION	X	INDUSTRY	Gray Iron		SIC	3321	STATE	WASHINGTON		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE XTPY <sup>1</sup>	Emissions - TPy						SIP Allowables	
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>2</sup>		PPH	TPY	PPH	TPY	
7	No Data											
8	No Data											
9	Elec Ind Fce	PT	None	0.9		<1						
10	No Data											
11	No Data											
12	Cupola	PT CO	WS None									

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-43

POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	X	INDUSTRY	Gray Iron	SIC	3321	STATE	WASHINGTON	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
7			ALL	4					
8			ALL	4					
9			ALL	4					
10	Elec Arc Core Dry	PT PT	102 101	6 6		SCHEDULE EXPIRED BEFORE DO	1975		
11			ALL	4					
12	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

TABLE 6.3-43

## SOURCE SUMMARY - EXISTING SOURCES

REGION X		INDUSTRY Gray Iron		SIC	3321		STATE WASHINGTON				PG 1/3
REFERENCE NUMBER	SOURCE LOCATION	AQCR/ PRIORITY PT, CO	SAROAD CODING NUMBERS			SOURCE ID NUMBERS			SOURCE PRODUCTION RATE-KTPY		SOURCE COMPLIANCE STATUS
			STATE	COUNTY	CITY	NEDS	CDS	STATE	DESIGN	OPER <sup>1</sup>	
13	Yakima Mach & Fdry Yakima	230/	49	2460	2440	0034			-	0.1	0

## FOOTNOTES:

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-43

POINT EMISSIONS AND ALLOWABLES

REGION	X	INDUSTRY	Gray Iron		SIC	3321	STATE	WASHINGTON		PG 2/3		
REFERENCE NUMBER	POINT SOURCE DESCRIPTION <sup>1</sup>	POLLUTANT	CONTROL EQUIPMENT-EFFICIENCY <sup>1</sup>	NEDS POINT SOURCE OPER RATE KTPY <sup>1</sup>	EMISSIONS - TPY				SIP ALLOWABLES			
					POTENTIAL		ACTUAL	DESIGN		OPER		
					DESIGN	OPER <sup>1</sup>		PPH	TPY	PPH	TPY	
13	Cupola	PT CO	None None	0.098		<1 7						

## FOOTNOTES

<sup>1</sup> NEDS data<sup>2</sup> Gray and Ductile Iron Founders' Society

TABLE 6.3-43

## POINT COMPLIANCE STATUS - EXISTING SOURCES

REGION	X	INDUSTRY	Gray Iron	SIC	3321	STATE	WASHINGTON	PG3/3	
REFERENCE NUMBER	CDS POINT DESCRIPTION	POLLUTANT	CDS POINT	POINT COMPLIANCE STATUS	COMPLIANCE SCHEDULE INCREMENTS OF PROGRESS				
					01	02	03	04	05
13	No Data								

## FOOTNOTES:

<sup>1</sup> Listed as 1 in CDS<sup>2</sup> Listed as 0 in CDS<sup>3</sup> Schedule Not Approved by EPA

**RADIAN CORPORATION**

APPENDIX 1

CONTROL EQUIPMENT IDENTIFICATION CODES

**RADIAN CORPORATION**CONTROL EQUIPMENT IDENTIFICATION CODES

<u>Code</u>	<u>Equipment</u>
WS	Wet Scrubber
GC	Gravity Collector
CYCL	Centrifugal Collector
ESP	Electrostatic Precipitator
GS	Gas Scrubber
MIST ELIM	Mist Eliminator
BH	Fabric Filter
CAT	Catalytic Afterburner
INCIN	Direct Flame Afterburner
HES	High Energy Scrubber