

Light-Duty Vehicles and Light-Duty Trucks: Tier 0, Tier 1, and National Low Emission Vehicle (NLEV) Implementation Schedule

	Vehicle Type	Test Procedure	Emission Category	Emission Standards	Model Year													
					1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003 ^a		
Federal (non NLEV)	LDV, LDT1, & LDT2	FTP	Tier 0	Cert & In-Use	100%	100%	60% max	20% max	0%	-	-	-	-	-	-	-		
			Tier 1 ^c	Certification ^b	-	-	40% min	80% min	100%	100%	100%	100%	100%	100%	100%	100%	100%	
				Interim In-Use	-	-	40% min	80% min	60% max	20% max	0%	-	-	-	-	-	-	
				Final In-Use ^b	-	-	-	-	40%	80%	100%	100%	100%	100%	100%	100%	100%	
			SFTP ^b	Tier 1	Cert & In-Use ^b	-	-	-	-	-	-	-	-	-	40%	80%	100%	100%
	LDT3, & LDT4	FTP	Tier 0	Cert & In-Use	100%	100%	100%	100%	50% max	0%	-	-	-	-	-	-		
			Tier 1	Certification ^b	-	-	-	-	50% min	100%	100%	100%	100%	100%	100%	100%		
				Interim In-Use	-	-	-	-	50% min	100%	50% max	-	-	-	-	-		
				Final In-Use ^b	-	-	-	-	-	-	50% min	100%	100%	100%	100%	100%		
		SFTP ^b	Tier 1	Cert & In-Use	-	-	-	-	-	-	-	-	-	-	40% min	80% min		
Federal (NLEV)	LDV & LDT1	FTP	Tier 1	Certification ^f	-	-	-	-	-	-	-	NE Trading Region		All States Trading Region				
			TLEV		-	-	-	-	-	-	0.148 NMOG fleet avg. ^{g,h}	0.095 NMOG fleet avg. ^g	0.075 NMOG fleet avg. ^h	0.075 NMOG fleet avg.	0.075 NMOG fleet avg.			
			LEV		-	-	-	-	-									
			ULEV		-	-	-	-	-									
			ZEV		-	-	-	-	-									
		SFTP ^{b,d}	Tier 1	Cert & In-Use	-	-	-	-	-	-	-	-	-	-	25% min	50% min	85% min	
			TLEV		-	-	-	-	-	-	-	-	-	-	-	-		
			LEV ^e		Certification	-	-	-	-	-	-	-	-	-	-	25% min	50% min	85% min
			ULEV ^e			-	-	-	-	-	-	-	-	-	-	-	-	

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	Vehicle Type	Test Procedure	Emission Category	Emission Standards	Model Year											
					1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003 ^a
Federal (NLEV)	LDT2	FTP	Tier 1	Certification ^f	-	-	-	-	-	-	-	NE Trading Region		All States Trading Region		
			TLEV		-	-	-	-	-	-	-	0.19 NMOG fleet avg. ^{g, h}	0.124 NMOG fleet avg. ^g	0.1 NMOG fleet avg. ^h	0.1 NMOG fleet avg.	0.1 NMOG fleet avg.
			LEV		-	-	-	-	-	-	-					
			ULEV		-	-	-	-	-	-	-					
			ZEV		-	-	-	-	-	-	-					
		SFTP ^{b, d}	Tier 1	Cert & In-Use	-	-	-	-	-	-	-	-	-	25% min	50% min	85% min
			TLEV		-	-	-	-	-	-	-	-	-			
			LEV ^e	Certification	-	-	-	-	-	-	-	-	-	25% min	50% min	85% min
			ULEV ^e		-	-	-	-	-	-	-	-	-			

Notes:

- a** Tier 2 requirements begin with a=MY2004+. Tier 3 requirements begin with MY2017+
- b** Small volume manufacturer exempt until last year of phase-in.
- c** Light-duty vehicle (LDV) may be combined with light-duty truck 1 (LDT1) and LDT2 for Tier 1 phase-in.
- d** LDV and LDT1 combined with LDT2 for Supplemental Federal Test Procedure phase-in.
- e** Other equivalent schedules allowed.
- f** Fleet average derived from 50,000 mile standards.
- g** Not applicable to small volume manufacturers.
- h** Early credits available.

Code of Federal Regulations (CFR) citations:

- 40 CFR 86 Subpart A
- 40 CFR 86 Subpart R - NLEV program