MITSUBISHI FUSO TRUCK AND BUS CORP.

EXECUTIVE ORDER A-361-0012 New Diesel or Incomplete Medium-Duty Vehicles Using Certified Engines

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: The following diesel or incomplete medium-duty vehicles (MDV) with a manufacturer's GVWR from 8501 to 14000 pounds are certified as described below. Production engines shall be in all material respects the same as those for which certification is granted.

							ENGINE DES	_				· ·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·- ·	
MODEL Year	ENGINE FAMILY 9MFTH04.9M5B			ENGINE MANUFACTURER		STD	FUEL TYPE 1	STANDARDS & TEST PROCEDURE	ENGINES SIZES (L)				EF OBD
2009	EXEC	UTIVE OR -361-0011	DER MI	MITSUBISHI FUSO TRUCK AND BUS CORP.		CATEGORY*	Diesel	Diesel	4.9	ECM, EGR, OC, PTOX, TC, CAC, DDI			OBD(F)
Secoline	LPG	or Alcohol	Vehicles	Only				VEHICL	E DESCRIF			ENGINE MODELS /	ENG.
EVAPORATIVE		CAPACITY		MODEL MODEL	· \	EHICLE MAKE	& MODELS		VEH. OBD	ENGINE (L)	CODES (rated power, in hp)	OBD	
FAMIL	.Υ	UL (K)	(gallon	15)	YEAR 2009	Fuso Canter F	E83DDZSLSU	JH, FE83DEZSL	SUH,	OBD(F)	4.9	4M50-8AT8/4M508AT8- US09 (185)	OBD(F
						FE83DG2 Fuso Canter F FE83DG2	E83DDZSLSL	JL, FE83DEZSL	SUL,	OBD(F)	4.9	4M50-8AT8/4M508AT8- US09 (185)	OBD(F
•						FE83DG/	LOLOUL *			*	*	* .	*
*		*	*		*					*	*	+	*

Following are: 1) the FTP exhaust emission standards, or family emission limit(s) as applicable, under 13 CCR 1956.1 (urban bus) or 13 CCR 1956.8 (other than urban bus); 2) the EURO and NTE limits under the applicable California exhaust emission standards and test procedures for heavy-duty diesel engines and vehicles (Test Procedures); and 3) the corresponding certification levels, in g/bhp-hr, for this engine family. "Diesel" CO, EURO and NTE certification compliance may have been demonstrated by the manufacturer as provided under the applicable Test Procedures in lieu of testing. (For flexible- and dual-fueled engines, the CERT values in brackets [] are those when tested on conventional test fuel. For multi-fueled engines, the STD and CERT values for default operation permitted in 13 CCR 1956.1 or 13 CCR 1956.8 are in parentheses.)

FTP EURO FTP		NOx		NMHC+NOx		CO		PM		нсно	
FTP EURO FTP	NMHC N					EUDO	ETP	EURO	FTP	EURO	
TD 0.14 0.14	FTP EURO FTP	EURO	FTP	EURO	FIF	EURO				2.050	
TD 0.14 0.14					15.5	15.5	0.01	0.01	0.050	0.050	
EL 1.20 1.20 0.01 0.01 0.01 0.01	0.14 0.14							•		•	
	* 1.20	1.20	1.2	1.2				 	2.25	0.001	
		1.16	1.1	1,2	0.1	0.00	0.01	0.01	0.005	0.001	
ERT 0.03 0.03 1.09 1.10	0.03 0.03 1.09	1.10			 		0.02		0.075		
0.24 1.80 1.8	0.21	1.80		1.8		19.4				=standard or emission test cap;	

BE IT FURTHER RESOLVED: Certification to the FEL(s) listed above, as applicable, is subject to the following terms, limitations and conditions. The FEL(s) is the emission level declared by the manufacturer and serves in lieu of an emission standard for certification purposes in any averaging, banking, or trading (ABT) programs. It will be used for determining compliance of any engine in this family and compliance with such ABT programs.

BE IT FURTHER RESOLVED: The listed engine models have been certified to the optional emission standards and test procedures in 13 CCR 1956.8 applicable to diesel or incomplete MDV with a 8501-14000 pound GVWR and shall be subject to 13 CCR 2139(c) (in-use testing of engines certified for use in diesel or incomplete MDV with a 8501-14000 pound GVWR).

BE IT FURTHER RESOLVED: The listed engine models have been certified to the split engine family standards under 13CCR 1956.8(b) [diesel engine] or 13 CCR 1956.8(d) [OTTO engines] and the incorporated 40CFR86.007-15(m)(9).

BE IT FURTHER RESOLVED: For the listed vehicle models the manufacturer has submitted the materials to demonstrate certification compliance with 13 CCR 1965 (emission control labels), 13 CCR 1968.2 (on-board diagnostic, full or partial compliance), 13 CCR 1976(b)(1)(B)-(C) or 13 CCR 1976(b)(1)(F) (evaporative emission standards), 13 CCR 2035 et seq. (emission control warranty), and 13 CCR 2235 [fill pipes and openings of motor vehicle fuel tanks]. (The braces { } are for gasoline, LPG or alcohol fueled vehicles only.)

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed at El Monte, California on this ____

H Skh

___ day of July 2009.

Annette Hebert, Chief Mobile Source Operations Division