

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 on-road motor vehicles with a manufacturer's GVWR over 14000 pounds are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

								ENGINE D	ESCRIPTION			INTENDED		
MANUFACTURER	: 1	EXECUTIVE ORDER		MODEL YEAR		ENGINE FAMILY		ENGINE SIZES (L)	FUEL TYPE		IDARDS TEST CEDURE	SERVICE CLASS <sup>2</sup>	ECS & SPECIAL FEATURES	
GENERAL MOTORS		A-006-1496-1		21	008	8GM	XH06.0584	6.0	Gasoline	Otto		HDO	2TWC, 2HO2S(2), SFI	
	CORPORATION A-006-1486-1					VEHICLE DESCRIPTION								
Gasoline, LPG or	Alcoh	ol V	ehicles On	ily	-						ENGINE	E	NGINE MODELS / CODES	
EVAPORATIVE		FUEL TAN		ŢΥ	WEHICLE MODEL		VEHICLE MAKE & MODELS				(L)		(rated power, in hp)	
FAMILY	UL (F	9	(galions)		YEAR		G30: Chevrolet Express Commercial Cutaway 3500, 6.0					LY6 / 40 (300)		
GMXE0300998	150		33, 57		20	vo.	GMC Savana Special Culdway 3300					LY8 / 80 (290)		
BGMXE0300998	150	,	30		20	800	Isuzu NPR-HD; W45: Chevrolet W4500, GMC W4500 6.0					•		
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*		7	*	*		*						*		
	*	$\dashv$				*						10 0 1 15	Federal Regulations, Section 86.abc;	

\*=not applicable; GVWR=gross vehicle weight rating; 13 CCR xyz=Title 13, California Code of Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section 86.abc;
L=liter; K=1000 miles; hp=horsepower; kw=kilowatt;
CNG/LNG=compressed/liquefied natural gas; LPG=liquefied petroleum gas; E85=85% ethanol fuel; MF=multi fuel a.k.a. BF=bi fuel; DF=dual fuel; FF=flexible fuel;
LAMAU HIPD-title/tractional based distributed to the control of the control

CNG/LNG=compressed/liquefied natural gas; LPG=liquefied petroleum gas; E85=85% etnanol ruel; mr=mulci ruel a.k.a. Br=brituel, br=brutal, br=brutal ruel; rr=membre ruel, br=brutal ruel, br=br

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.)

ngines, in	nes, the STD and CERT values for delault open							T co		N/	нсно	
	NM	HC	Ň	1Ox	NMHC+NOx				FTP	EURO	FTP	EURO
	FTP	EURO	FTP	EURO	FTP	EURO	FTP	LUILO	0,01		0.01	
STD	0.14		-			<u> </u>	14.4	<del></del>	*	+	*	•
FEL	•		0.70		8.0	*	<u> </u>		*	*	0.001	
CERT	0,08	1	0.49	*	0.8	<u> </u>	6.6			-		
				4	1	*		•			to CTD-clandard (	r emission test
ITE			-	-Fodoral Tas	Procedure: E	URO=Euro III Eu	ropean Steady	-State Cycle; N	TE=Not-to-Exc	eed emission iimi	it; STD=standard of matter, HCHO=fo	rmaidehyde:

<sup>4</sup> g/bhp-hr=grams per brake horsepower-hour, FTP=Federal Test Procedure; EURO=Euro III European Steady-State Cycle; NTE=Not-to-Exceed emission limit; STD=standard or emission teather cap: FEL=family emission limit; CERT=certification level; NMHC/HC=non-methane/hydrocarbon; NOx=oxides of nitrogen; CO=carbon monoxide; PM=particulate matter, HCHO=formaldehyde; cap: FEL=family emission limit; CERT=certification level; NMHC/HC=non-methane/hydrocarbon; NOx=oxides of nitrogen; CO=carbon monoxide; PM=particulate matter, HCHO=formaldehyde; cap: FEL=family emission limit; CERT=certification level; NMHC/HC=non-methane/hydrocarbon; NOx=oxides of nitrogen; CO=carbon monoxide; PM=particulate matter, HCHO=formaldehyde; cap: FEL=family emission limit; CERT=certification level; NMHC/HC=non-methane/hydrocarbon; NOx=oxides of nitrogen; CO=carbon monoxide; PM=particulate matter, HCHO=formaldehyde; cap: FEL=family emission limit; CERT=certification level; NMHC/HC=non-methane/hydrocarbon; NOx=oxides of nitrogen; CO=carbon monoxide; PM=particulate matter, HCHO=formaldehyde; cap: FEL=family emission limit; CERT=certification level; NMHC/HC=non-methane/hydrocarbon; NOx=oxides of nitrogen; CO=carbon monoxide; PM=particulate matter, HCHO=formaldehyde; cap: FEL=family emission limit; CERT=certification level; NMHC/HC=non-methane/hydrocarbon; NOx=oxides of nitrogen; CO=carbon monoxide; PM=particulate matter, HCHO=formaldehyde; CO=carbon monoxide; PM=family emission limit; CERT=certification level; NMHC/HC=non-methane/hydrocarbon; NOx=oxides of nitrogen; CO=carbon monoxide; PM=family emission limit; CERT=certification level; NMHC/HC=non-methane/hydrocarbon level; NMHC/HC=non-methane/hydrocarbon

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 split engine family standards under 13 CCR 1956.8(d) and the incorporated 40 CFR 86.007-15(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 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. The brackets [ ] are for gasoline 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. This Executive Order hereby supersedes Executive Order A-006-1497 dated May 30, 2007.

Executed at El Monte, California on this

day of June 2007.

unene Annette Hebert, Chief Webile Source Operations Division