State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-20-137 Relating to Certification of New Motor Vehicles

ISUZU MOTORS LIMITED

Pursuant to the authority vested in the Air Resources Board by the 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 Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1995 model-year Isuzu Motors Limited exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: SSZ2.628GFEA <u>Displacement</u>: 2.6 Liters (156 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Exhaust Gas Recirculation
Three Way Catalytic Converter
Heated Oxygen Sensor
Sequential Multiport Fuel Injection
Warm Up Three-Way Catalytic Converter

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The certification exhaust emission standards (alternative in-use compliance standards in parentheses) for this engine family in grams per mile are:

Loaded Vehicle <u>Weight(lbs.)</u>	Miles	Non-Methane <u>Hydrocarbons</u>	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>
3751-5750	50,000	0.32 (0.41)	4.4 (6.7)	0.7 (n/a)
	100,000	0.40 (n/a)	5.5 (n/a)	n/a

The certification exhaust emission values for this engine family in grams per mile are:

Loaded Vehicle	<u>Miles</u>	Non-Methane	Carbon	Nitrogen
Weight(lbs.)		<u>Hydrocarbons</u>	<u>Monoxide</u>	<u>Oxides</u>
3751-5750	50,000	0.17	3.0	0.1
	100,000	0.20	3.4	n/a

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the aforementioned exhaust emission standards based on its submitted plan to comply with the fleet average non-methane organic gas (NMOG) exhaust mass emission requirements as set forth in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

BE IT FURTHER RESOLVED: That, based on a separate compliance plan submitted by the vehicle manufacturer, the listed vehicle models are permitted alternative in-use compliance as set forth in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the submitted alternative in-use compliance plan satisfies the requirement that a maximum of 60 percent of the manufacturer's projected sales of 1995 model-year California-certified passenger cars and light-duty trucks will be subject to alternative in-use compliance as stipulated in the above-referenced standards and test procedures.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed vehicle models to the 50,000-mile evaporative emission standards applicable to 1980 through 1994 model-year vehicles in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles", and the listed vehicle models comply with those standards.

BE IT FURTHER RESOLVED: That, based on the evaporative emission phase-in compliance schedule submitted by the vehicle manufacturer, the listed vehicle models shall not be subject to the running loss and useful life standards set forth in the "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Motor Vehicles."

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high-altitude requirements and highway emission standards, and with the California Inspection and Maintenance emission standards in place at the time of certification, as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Emission Control Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles with Three-Way Catalyst Systems and Feedback Control" (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the listed vehicle models have been exempted from compliance with the "Malfunction and Diagnostic System Requirements-1994 and Subsequent Model-Year Passenger Cars, Light-duty Trucks, and Medium-Duty Vehicles and Engines" pursuant to Title 13, California Code of Regulations, Section 1968.1(m)(2.0) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

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 order and attachment.

Executed at El Monte, California this ______ day of August, 1994.

R. B. Summerfield Assistant Division Chief

Mobile Source Division

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1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

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Manufacturer: ISUZU MOTORS LIMITED		_ Exh	Engine	Family :	SSZ2.628	GFEA	
Evap Std: 50K X Useful Life with R/L Evap Engine Family: SSZ1046BYM00				YMOO			
Exh Std: Tier	-0Tier-1_X	TLEVLEV	ULEV_	ZEV	; EPA Ti	er-0 T	ier-1 <u>X</u>
	: PC LDT1						
Single Cert S	td for Multi-Cla	ss Eng Fam: _	N/A (spe	cify:	N/A, LDT1, M	DV1, MDV2,	MDV3, MDV4)
Exh Cert Fuel	(s): Indo X Ph	2 Diesel:	13 CCR 2	282	or 40 CFR 8	6.113-90_	or -94
	M85 CN	GLPG	Other (s	pecify)		
<pre>Fuel Type(s):</pre>	Dedicated X F						
	CNGLNG	LPG Othe	r (specif	y)	·		
Hybrid: Type	A B C,	APU Cycle (e.	g., Otto,	Diese	l, Turbine)	- Mariani and a second	
Engine Config	uration: <u>L4</u>	Displacemen	t: <u>2.6 /</u>		Liters <u>15</u>	<u>6 / C</u>	ubic Inches
Engine: Fron	t <u>X</u> Mid	Rear	Drive:	FWD	RWD_X	4WD-FT	.4WD-PT <u>X</u>
Exhaust ECS (Exhaust ECS (eg., EGR, MFI, TC, CAC): TWC, EGR, HO2S, SFI, WU-TWC (use abbreviations per SAE J1930 SEP91)						
			(use appr	eviati	ons per sat	01:930 2E53	11)
	Vehicle Models	Trans. Type			Ignition	EGR	
	(if coded see attachment)	A-automatic M-manual	or Test WT	DPA	(ĔCM/PCM) Part No.	System Part No.	Converter Part No.
	a coachinere,	TT Manage	1030 101			141010.	
262FE-1 (50ST)	KC-S1H		3750	15.3	ECM 8971194710		TWC 8251436760
		;					WU-TWC
		М				894332- 3570	8970708811
	XC-R1 YC-R1		3875	14.0	ECM 8971194700		TWC
							8251436760 WU-TWC
							8970637212

Vehicle Models

KC-S1H: PICKUP 4WD, Std cab short wheelbase, 10.5R tire XC-R1 : RODEO 2WD YC-R1 : HONDA PASSPORT 2WD

Date Issued:

Revisons: 95B-03