(Page 1 of 3)

State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-20-138-A 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 Order G-45-9;

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: SSZ3.22HGKHA <u>Displacement</u>: 3.2 Liters (193 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Multiport Fuel Injection Exhaust Gas Recirculation Heated Oxygen Sensor Three Way Catalytic Converter 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 for this engine family in grams per mile are:

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

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

Loaded Vehicle Weight(lbs.)	<u>Miles</u>	Non-Methane <u>Hydrocarbons</u>	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>
3751-5750	50,000	0.22	2.1	0.5
	100,000	0.27	2.4	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 the vehicle manufacturer is certifying the listed vehicle models to the running loss and useful life standards applicable to 1995 and subsequent 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 the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Code of Regulations, Section 2235) for the aforementioned model year.

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" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

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

R. D. Summerfield

Assistant Division Chief Mobile Source Division

E.O. # A-20-138-A

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

Page <u>1</u> of <u>1</u>

	;	•					
Manufacturer	:ISUZU MOT	ORS LIMITED	Exh	Engin	e Family :	SSZ3.22	HGKHA
Evap Std: 50	nufacturer: ISUZU MOTORS LIMITED Exh Engine Family: ap Std: 50K Useful Life with R/L X Evap Engine Family:		nė Family:	SSZ1089AYM01			
Exh Std: Tie	r-0Tier-1_X	TLEV LE	V ULEV	ZE	V ; EPA T	ier-0	Tier-1 X
Veh Class(es) : PCLDT	1LDT2_X	MDV1	MDV	2 MDV3	MDV4	MOV5
Single Cert	Std for Mult1-Cl	ass Eng Fam:	N/A (sp	- ecify∹	N/A, LDT1.	MDV1. MDV2	. MDV3_ MDV4
Exh Cert Fue	7(s): Indo P	h2 <u>X</u> Diesel	: 13 CCR	2282	or 40 CFR	86.113-90	or -94
	M85C	NG LPG	Other (:	specify	y)		<u> </u>
<pre>Fuel Type(s)</pre>	: Dedicated X	Flex-Fuel	Dual-Fue	1	Gasolin	a Y Diae	al Mas
	CNG LNG	LPGOthe	er (specia	y)			
Hybrid: Type	A3 C,	APU Cycle (e	g Otto	Diese	l, Turbine)		
Engine Config	guration: <u>V6</u>	Displacemen	nt: 3,2/	,	Liters 1	93 / (Cubic Inches
Engine: From	nt X Mid	Rear '	Drive:	FWD	€ RWD X	AMD_FT	AMDDT Y
Exhaust ECS ((eg., EGR, MFI, 1	C, CAC):	MFI	, EGR,	HO2S, WU-TI	WC. TWC /	DKD FXEMO
			(use abbr	eviati	ons per SAE	J1930 SEP	
Engine Code	Vehicle Models	Trans. Type	FTW	<u> </u>	Ignition	EGR	Catalutia
(also list	(if coded see	A-automatic	or .	DPA	(ECM/PCM) Part No.	System	Catalytic Converter
CA/49ST/50ST)	,	M-manual	Test/WT		Part No.	Part No.	Part No.
	XK-R1A YK-R1A	M	4250	15 1	ECM 8162177290		•
2001/12 0	XK-RIHA						TWC
322KH-3 (50ST)	YK-R1HA XK-S1A						8971002280 WU-TWC
	YK+S1A	, ,	,200	10.1	01021,7230	<i>:</i> *	8971002293
į) XK-S1HA YK-S1HA					B94364-	
	XK-R1A	A	4250	15.0	ECM 8162177390	8741	
ı	YK-RIA XK-RIHA						TWC
322KH-4	YK-R1HA						8971002280
(50\$7)	XK-S1A YK-S1A		4500				WU-TWC
·	XK-S1HA						8971002383
	YK-S1HA		· · · · · · · · · · · · · · · · · · ·		F.		
Vehicle Model	•	EO 2WD, P225			,		
		EO 2WD, P245 EO 4WD, P225					
	XK-S1H; ROD	EO 4WD, P245	tire				
	YK-R1; HON YK-RIH: HON	DA PASSPORT 2 DA PASSPORT 2	WD, P225 WD. P245	tire tire			
~	YK-S1 ; HON	DA PASSPORT 4	WO, P225	tire			
	YK-S1H; HON	DA PASSPORT 4	WU, P245	tire 			
Date Issued:	958-09 (2-27-95)						
Revisons:	95B-10						
							