State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-16-212
Relating to Certification of New Motor Vehicles

MAZDA MOTOR CORPORATION

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 Mazda Motor Corporation 1996 model-year exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: TTK3.02JGKEK Displacement: 3.0 Liters (180 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Three Way Catalytic Converters (two)
Heated Oxygen Sensors (two)
Sequential Multiport Fuel Injection

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 Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
3751-5750	50,000	0.32	4.4	0.7	12.5
	100,000	0.40	5.5	0.97	n/a

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

Loaded Vehicle Weight (lbs.)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides	Carbon Monoxide (20°F)
3751-5750	50,000	0.18	1.5	0.1	5.2
	100,000	0.20	1.6	0.12	n/a

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" for the aforementioned model year (Title 13, California Code of Regulations, Section 2235).

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 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 Requirements--1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) 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 25th day of September 1995.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

1996 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer: Mazda Motor Corporation

Engine Family: TTK3.02JGKEK

Evap Family: TTK1120BYME1

All Eng Codes in Eng Fam: CA ____ 49S ____ 50S X

Stds. Type : CA Tier-1 X AB965 ____ TLEV ____ LEV ____ ULEV ____ ZEV ____ US EPA Tier 1 X

Evap Std: Useful Life with R/L

In-Use Exh Std: Full In Use

Veh. Calss: LDT2

Single Cert Std for Multi-Class Eng Fam: N/A

Fuel Type(s): Gasoline

Emission Test Fuel(s): Indolene

Service Accum: Std AMA

NMOG Test Procedure: N/A

R/L Test Procedure: Pt Source

Hybrid: N/A

APU Cycle: Otto Spark

Engine Config : V-6

Displacement 3.0 Liters (180) Cu. inches

Valves/Cly. 3

Rated HP 152 @ 5000 RPM

Engine : Front X Mid. ____ Rear ____

Drive: FWD ____ RWD X* 4WD-FT ____ 4WD-PT X**

*:for 4x2 model, **: for 4x4 model

Exhaust ECS & Special Feature (incl. CARB, MFI, etc.) HO2S(2)/SFI/TWC(2)

(Use abbreviations per SAE J1930 MAY91)

Engine Code (Cert, Std.)	Vehicle Model (if coded see attachment)	Trans. Type A-autonatic M-manual	ETW	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalyst Part No.
KJEETAA6	Mazda MPV	L4	4000	11.0 *1	Distrubutor:	•••	JE96
				10.8 *2	JE96		
KJEETAAT				12.1 *1	ECU:		
				11.8 *2	JE96(4x2)		
KJEEFAA6	Mazda MPV 4x4		4500	12.2	JE97(4x4)		
KJEEFAAT				13.4	JE96 *3		

*1:P195/75R 15 tires

*2:P215/65R15 tires

*3:Added (Refer to Page 20-C-20)

Revisions:

1290