State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-254-8
Relating to Certification of New Motor Vehicles

HYUNDAI MOTOR COMPANY

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 1990 model-year Hyundai Motor Company emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family: LHY2.4V5FCD0 Displacement: 2.4 Liters (143 Inches^3)

Equipped with the following exhaust emission control systems:

Exhaust Gas Recirculation	No On-Board Diagnostic System (Exempted)
Three-Way Catalyst	Sequential Multipoint Electronic Fuel Injection
Heated Oxygen Sensor	Combustion Chamber Valve

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

The following are the emission standards for this engine family:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.41	7.0	0.4

The following are the certification emission values for this engine family:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.29	3.0	0.1

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered 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" (Title 13, California Code of Regulations, Section 2290) 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 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 vehicle models listed have been granted an exemption from compliance with the requirements of the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) 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 (Health and Safety Code Section 43205).

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 15th day of June, 1989.

K. D. Drachand, Chief
Mobile Source Division

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Manufacturer Hyundai Motor Company Engine Family LHY2.4V5FCD0

Pass Cars X Lt-Duty Trucks __ Med-Duty Vehicles __ Gas X Diesel __

Eng. Type 4 cyl. In-line Liter (CID) 2.4L(143.4) Evap. Family LHY2.4I[illegible]

Emission Control Sys. (Use SAE Abbrv.) O2S+EGR+TWC (CCV+SMPI)

Engine : Front X Mid __ Rear __ Drive : FWD X RWD __ 4WD-FT __ 4WD-PT __

Eng. Code/ (Cert Std.)	Veh. Models (IF Coded see Attachmt)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP or DPA	Ign. Sys. (ECU/PROM) Part No.	EGR Syst. Part No.	Catalyst Part No.
ACM5 /CM5	SONATA	M5	3250	8.6	39110-32621 or 39110-32980	28480 -32660	28950-32661 or 28950-32665
ACL4 /CL4	SONATA	L4	3250	7.6	39110-32621 or 39110-32980	28480 -32680	28950-32661 or 28950-32665

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Revised: