State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-336-2
Relating to Certification of New Motor Vehicles

QUIGLEY MOTOR COMPANY, INC.

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 2000 model-year Quigley Motor Company, Inc. exhaust emission control systems are certified as described below for medium-duty vehicles:

Emission Standard Category: Low-Emission Vehicle (LEV)

Fuel Type: Gasoline

Engine Family: YQMCA06.8JGC Displacement: 6.8 Liters (415 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Dual Three Way Catalytic Converters
Three Way Catalytic Converter
Dual Heated Oxygen Sensors
Heated Oxygen Sensor
Exhaust Gas Recirculation
Sequential Multiport Fuel Injection

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

The non-methane organic gas (NMOG), carbon monoxide (CO), oxides of nitrogen (NOx), and formaldehyde (HCHO) LEV certification exhaust emission standards for this engine family in grams per mile are:

Test Weight (lbs.)	Miles	NMOG	CO	NOx	HCHO
5751-8500	50,000	0.195	5.0	0.6	0.022
	120,000	0.280	7.3	0.9	0.032

Reactivity Adjustment Factor (RAF) for NMOG Mass Emissions: 0.94

The certification exhaust emission values set forth for NMOG reflect application of a 0.94 RAF for 2000 model-year LEVs. The LEV certification exhaust emission values for this engine family in grams per mile are:

Test Weight (lbs.)	Miles	NMOG	CO	NOx	HCHO
5751-8500	50,000	0.117	1.0	0.3	0.002
	120,000	0.156	1.6	0.4	0.003

BE IT FURTHER RESOLVED: That the manufacturer shall not be subject to the phase-in requirement specified in Title 13, California Code of Regulations, Section 1960.1(h)(2) pursuant to Endnotes (10)(d) and (16) applicable to small-volume manufacturers of medium-duty vehicles.

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 – 2000 Model Passenger Cars, Light-Duty Trucks, and Medium-Duty 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 "California Motor Vehicle Emission Control and Smog Index Label Specifications" for the aforementioned model year (Title 13, California Code of Regulations, Section 1965).

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 - 2000 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 "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 11th day of July 2000.

R. B. Summerfield, Chief
Mobile Source Operations Division

E.O.# A-336-2

2000 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Quinlan Motor Company, Inc. Exh Eng Fam: YQMCA06.BJGC Evap Fam: YQMCE0155BAH

All Engine Codes in Engine Familiy: CA ✓ 49S___ 50S___ AB965___, ORVR: YES___ NO ✓

Exh Std: CA Tier-1___ TLEV___ LEV ✓ ULEV___ SULEV___, US EPA Tier-1___

Veh Class(es): PC___ LDT1___ LDT2___ MDV1___ MDV2___ MDV3 ✓ MDV4___ MDV5___

Single Cert Std for Multi-Class Eng Fam:___(specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)

Fuel Type(s): Dedicated ✓ Flex-Fuel___ Dual-Fuel___ Bi-Fuel___ Gasoline ✓ Diesel___
CNG___ LNG___ LPG___ M85___ Other (specify)___

Exh Emiss Test Fuel(s): Indo ✓ CBG___ CNG___ LPG___ M85___ Other (specify)___
Diesel: 13 CCR 2282___ 40 CFR 86.113-90___ 40 CFR 86.113-94___

Evaporative Emission Test Procedure: California___ Federal ✓

Service Accum: Std AMA___ Mod AMA___ Mfr ADP___ Other (specify) c/o from Ford

NMOG Test Procedure: N/A___ Std ✓ Equiv___ R/L Test Proc: SHED___ Pt Source ✓

Engine Configuration: V10 Displacement: 6.8 / ___ Liters 415 / ___ Cubic Inches

Valves per Cylinder: 2 Rated HP: 305 @ 4250 RPM

Engine: Front ✓ Mid___ Rear___ Drive: FWD___ RWD___ 4WD-FT___ 4WD-PT ✓

Exhaust ECS (e.g., MFI, EGR, TC, CAC): 2TWC, TWC, 2HO2S, 4HO2S, EGR, SFI
(use abbreviations per SAE J1930 JUN93)

Engine Code (also list CA/49ST/50ST)	Vehicle Models (if coded see attachment)	Trans. (M5, A4 etc.)	ETW or Test Wt.	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalytic Converter Part No.
	E-350 van	A4			SEE FORD	SEE FORD	SEE FORD

Date Issued: Revisions: