File

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-668
Relating to Certification of New Motor Vehicles

GENERAL MOTORS 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 Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1995 model-year General Motors Corporation exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: S1G3.8V8GFEC Displacement: 3.8 Liters (231 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Exhaust Gas Recirculation
Three Way Catalytic Converter
Heated Oxygen Sensor
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:

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.25	3.4	0.4
100,000	0.31	4.2	n/a

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

Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
50,000	0.10	2.3	0.1
100,000	0.11	2.5	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 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 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 21st day of March, 1994.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

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PONTIAC MODEL IDENTIFICATION

MODEL	NAME	CAR LINE	CODE
2FP87	FIREBIRD	FIREBIRD/FORMULA	33020
2FS87	FIREBIRD COUPE		33020
2FV87	FIREBIRD FORMULA		33020
2FS67	FIREBIRD CONVERTIBLE		33020
2FV67	FIREBIRD FORMULA CONVERTIBLE		33020
2HX69	BONNEVILLE SE SEDAN	BONNEVILLE	33045
2HZ69	BONNEVILLE SSE SEDAN		33045
2JB37	SUNFIRE SE COUPE	SUNFIRE	33060
2JB69	SUNFIRE SE SEDAN		33060
2JD37	SUNFIRE GT COUPE		33060
2JB67	SUNFIRE SE CONVERTIBLE		33060
2NE37	GRAND AM SE COUPE	GRAND AM	33025
2NE69	GRAND AM SE SEDAN		33025
2NW37	GRAND AM GT COUPE		33025
2NW69	GRAND AM GT SEDAN		33025
2WJ19	GRAND PRIX SE SEDAN	GRAND PRIX	33055
2WJ37	GRAND PRIX SE COUPE		33055

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OLDSMOBILE MODEL IDENTIFICATION

MODEL	NAME	CAR LINE	CODE
3AJ69	CUTLASS CIERA SL SEDAN	CUTLASS CIERA	29015
3AJ35	CUTLASS CRUISER SL STATION WAGON	CUTLASS CRUISER	29020
3CX69	NINETY EIGHT REGENCY SEDAN	NINETY EIGHT	29035
3GR29	AURORA	AURORA	29045
3HN69	EIGHTY EIGHT ROYALE SEDAN	EIGHTY EIGHT	29025
3HY69	EIGHTY EIGHT LS SEDAN		29025
3NF37	ACHIEVA SC COUPE	ACHIEVA	29010
3NF69	ACHIEVA SL SEDAN		29010
3NL37	ACHIEVA S COUPE		29010
3NL69	ACHIEVA S SEDAN		29010
3WH47	CUTLASS SUPREME S COUPE	CUTLASS SUPREME	29055
3WH69	CUTLASS SUPREME S SEDAN		29055
3WT67	CUTLASS SUPREME CONVERTIBLE		29055

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BUICK MODEL IDENTIFICATION

MODEL	NAME	CAR LINE	CODE
4AG69	CENTURY SPECIAL SEDAN	CENTURY	08020
4AH69	CENTURY CUSTOM SEDAN		08020
4AG35	CENTURY SPECIAL WAGON	CENTURY WAGON	08025
4AH35	CENTURY CUSTOM WAGON		08025
4BN69	ROADMASTER SEDAN	ROADMASTER	08060
4BB90	COACHBUILDER WAGON	COACHBUILDER WAGON	78010
4BB90+B9Q	COACHBUILDER HEARSE		78010
4BR35	ROADMASTER ESTATE WAGON	ROADMASTER WAGON	08035
4CU69	PARK AVENUE ULTRA SEDAN	PARK AVENUE	08040
4CW69	PARK AVENUE SEDAN		08040
4GD07	RIVIERA	RIVIERA	08045
4HP69	LESABRE CUSTOM SEDAN	LESABRE	08030
4HR69	LESABRE LIMITED SEDAN		08030
4NJ37	SKYLARK LIMITED COUPE	SKYLARK	08055
4NJ69	SKYLARK LIMITED SEDAN		08055
4NM37	SKYLARK GRAN SPORT COUPE		08055
4NM69	SKYLARK GRAN SPORT SEDAN		08055
4WB19	REGAL CUSTOM SEDAN	REGAL	08022
4WB57	REGAL CUSTOM COUPE		08022
4WD19	REGAL LIMITED SEDAN		08022
4WD57	REGAL LIMITED COUPE		08022
4WF19	REGAL GRAN SPORT SEDAN		08022
4WF57	REGAL GRAN SPORT COUPE		08022

(FOR CARB USE ONLY)

E.O. #A-6-668

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: S1G3.8V8GFEC

PASSENGER CARS_X_ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___

FUEL TYPE: GAS (PH2) STANDARDS TYPE: TIER 1 VEHICLE TYPE: NA

ENGINE CONFIG: V6 LITER (CID): 3.8 (231) EVAP FAMILY: S1G1058AYM0D

ENGINE: FRONT_X_ MID___ REAR___ DRIVE: FWD_X_ RWD___ 4WD-FT___ 4WD-PT___

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: EGR-TWC-HO2S-SFI

DPA: SECTION 08.13.02.00

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECM/PCM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
1	2HX69	A4	3750	DK130261	17095163	25145473
	3HN69					
	3HY69					
	3CX69		3875			
	3CW69					
	4CW69					
1A				16198764		
1B				16209674		
1C				16215714		
2	2HZ69			DK130262		
	2HX69		3750			
	3HN69					
	3HY69					
	3CV69		3875			
	3CX69					
	3CW69					
	4CW69					
2A				16198774, 16198784		
2B				16209644, 16209664		
2C				16215724, 16215764		

CARLINE NAME	CARLINE CODE
BONNEVILLE	33045
NINETY EIGHT	29035
EIGHTY EIGHT	29025
PARK AVENUE	08040

ISSUED: ML-SP098 REVISED: ML-SR024, ML-SR037, ML-SR088

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FUEL TYPE: GAS (PH2) STANDARDS TYPE: TIER 1 VEHICLE TYPE: NA

ENGINE CONFIG: V6 LITER (CID): 3.8 (231) EVAP FAMILY: S1G1058AYM0D, S1G1065AYP0A

ENGINE: FRONT_X_ MID___ REAR___ DRIVE: FWD_X_ RWD___ 4WD-FT___ 4WD-PT___

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: EGR-TWC-HO2S-SFI

DPA: SECTION 08.13.02.00

ENG CODE	VEH MODELS (SEE PAGE 1)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECM/PCM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
3	4HP69 4HR69	A4	3750	DK122591, DK124154	17094050, 17094153	25143483, 24503508, 25146384
3A				16194774, 16194804		
3B				16211694		
4	4HP69 4HR69			DK122592, DK124132		
4A				16194784, 16194814		
4B				16211704		
5	4WB19 4WD19 4WF19 4WF57 4WB57 4WD57		3625	16194874		24503708, 25144762, 25131709
6	4GD07		4000	DK130263	17095163	25145667
6A				16179664		
6B				16209634		
6C				16215754		

CARLINE NAME	CARLINE CODE
RIVIERA	08045
REGAL	08022
LESABRE	08030

ISSUED: ML-SP098 REVISED: ML-SR024, ML-SR037, ML-SR049, ML-SR088, ML-SR106