State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-624
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 1994 model-year General Motors Corporation exhaust emission control systems are certified as described below for passenger cars:

Fuel Type: Gasoline

Engine Family: R1G3.8V8GFEA 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	0.13	1.5	0.1
100,000	0.14	1.6	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 on January 14, 1993, the Air Resources Board adopted the repeal of the currently-effective requirement that each manufacturer certify a minimum of 80 percent of its projected sales of 1994 model-year California-certified passenger cars and light-duty trucks to the phase-in standards for NMHC, or the more stringent standards in section 1960.1(g)(2) of Title 13, California Code of Regulations. If the repeal of such requirement does not become effective, the manufacturer shall submit a plan for compliance with the requirement; passenger cars and light-duty trucks not meeting such phase-in or more stringent standards shall be certified only to the extent allowed under the requirement.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "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 2290).

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 13th day of April, 1993.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

(FOR CARB USE ONLY)

16.03.00.00

EXECUTIVE ORDER INFORMATION

ENGINE FAMILY R1G3.8V8GFEA

EVAPORATIVE FAMILY R1G1058AYM0J

CARLINES TO BE COVERED:

CARLINE NAME	CARLINE CODE
BONNEVILLE	33045
NINETY EIGHT	29035
EIGHTY EIGHT	29025
PARK AVENUE	08040
LESABRE	08030
REGAL	08022

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E.O. #A-6-624

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
GASOLINE-FUELED PASSENGER CARS

VEHICLE MODELS: 1 J C 3 7 (EXAMPLE)

Digit 1 - Selling Division

1 - Chevrolet
2 - Pontiac
3 - Oldsmobile
4 - Buick
6 - Cadillac
8 - Saturn

Digit 2 - Body Designation

A - Cutlass Ciera, Cutlass Cruiser, Century, Century Wagon
B - Caprice, Roadmaster Wagon, Coachbuilder Wagon, Roadmaster, Caprice Wagon
C - Ninety-Eight, Park Avenue, DeVille, Sixty Special, Commercial Chassis, Coachbuilder Special
D - Fleetwood, Limousine, Funeral Coach/Hearse
E - Toronado, Riviera, Eldorado, Trofeo
F - Camaro, Firebird, Trans Am
H - Bonneville, Eighty-Eight, LeSabre
J - Cavalier, Sunbird, Cavalier Wagon
K - Seville
L - Corsica, Beretta
N - Grand Am, Achieva, Skylark
T - Lemans
V - Allante
W - Grand Prix, Regal, Cutlass Supreme, Lumina
Y - Corvette
Z - Saturn

Digit 3 - Trim Level

B, C, D, E, F, G, H, J, K, M, N, L, P, R, S, T, U, V, W, X, Y, Z

Digits 4 & 5 - Body Style

07 - 2Dr Sport Coupe
08 - 2Dr Hatchback Coupe
19 - 4Dr Sedan
27 - 2Dr (Notchback Coupe)
35 - 4Dr Station Wagon
37 - 2Dr Hardtop Coupe
47 - 2Dr Hardtop Coupe
57 - 2Dr Hardtop Coupe
67 - 2Dr Convertible Coupe
68 - 4Dr Hatchback Sedan
69 - 4Dr (Notchback) Sedan
87 - 2Dr Hatchback Coupe
90 - Commericial Chassis
97 - 2Dr Hardtop Coupe

ISSUED: 03-03-93 (ML-RP176) REVISED:

17-R1G3.8V8GFEA-1
(1994)

BUICK MODEL IDENTIFICATION

MODEL	NAME	CAR LINE	CODE
4AG69	CENTURY SPECIAL SEDAN	CENTURY	08020
4AH69	CENTURY CUSTOM SEDAN		08020
4AL69	CENTURY LIMITED SEDAN		08020
4AG35	CENTURY SPECIAL WAGON	CENTURY WAGON	08025
4AH35	CENTURY CUSTOM WAGON		08025
4BN69	ROADMASTER SEDAN	ROADMASTER	08060
4BT69	ROADMASTER LIMITED SEDAN		08060
4BR35	ROADMASTER ESTATE WAGON	ROADMASTER WAGON	08035
4CU69	PARK AVENUE ULTRA SEDAN	PARK AVENUE	08040
4CW69	PARK AVENUE SEDAN		08040
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
4NV37	SKYLARK CUSTOM COUPE		08055
4NV69	SKYLARK CUSTOM SEDAN		08055
4WB19	REGAL CUSTOM SEDAN	REGAL	08022
4WB57	REGAL CUSTOM COUPE		08022
4WD19	REGAL LIMITED SEDAN		08022
4WF19	REGAL GRAN SPORT SEDAN		08022
4WF57	REGAL GRAN SPORT COUPE		08022

PONTIAC MODEL IDENTIFICATION

MODEL	NAME	CAR LINE	CODE
2FS87	FIREBIRD COUPE	FIREBIRD/FORMULA	33020
2FV87	FIREBIRD FORMULA		33020
2FS67	FIREBIRD CONVERTIBLE		33020
2FV67	FIREBIRD FORMULA CONVERTIBLE		33020
2HX69	BONNEVILLE SE SEDAN	BONNEVILLE	33045
2HY69	BONNEVILLE SSEI SEDAN		33045
2HZ69	BONNEVILLE SSE SEDAN		33045
2JB37	SUNBIRD LE COUPE	SUNBIRD	33060
2JB69	SUNBIRD LE SEDAN		33060
2JL37	SUNBIRD SE COUPE		33060
2JB67	SUNBIRD LE 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

OLDSMOBILE MODEL IDENTIFICATION

MODEL	NAME	CAR LINE	CODE
3AG69	CUTLASS CIERA S SEDAN	CUTLASS CIERA	29015
3AM69	CUTLASS CIERA SL SEDAN		29015
3AJ35	CUTLASS CRUISER S STATION WAGON	CUTLASS CRUISER	29020
3AM35	CUTLASS CRUISER SL STATION WAGON		29020
3CW69	NINETY EIGHT REGENCY ELITE SEDAN	NINETY EIGHT	29035
3CX69	NINETY EIGHT REGENCY SEDAN		29035
3HN69	EIGHTY EIGHT ROYALE SEDAN	EIGHTY EIGHT	29025
3HY69	EIGHTY EIGHT ROYALE LS SEDAN		29025
3NF37	ACHIEVA SC COUPE	ACHIEVA	29010
3NF69	ACHIEVA SL SEDAN		29010
3NL37	ACHIEVA COUPE		29010
3NL69	ACHIEVA 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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E.O. #A-6-624

1994 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION

ENGINE FAMILY: R1G3.8V8GFEA

PASSENGER CARS X LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES___

FUEL TYPE: GAS STANDARDS TYPE: TIER 1 VEHICLE TYPE: NA

ENGINE CONFIG: V6 LITER (CID): 3.8 (231) EVAP FAMILY: R1G1058AYM0J

ENGINE: FRONT X MID___ REAR___ DRIVE: FWD X RWD___ 4WD-FT___ 4WD-PT___

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

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	3CX69 3CW69 4CW69	A4	3875	DK122588	17094050, 17094153	25143483
1A				16178014 (BBCU)		
1B				16192624 (BFRT)		
2	3CV69 3CX69 3CW69 4CW69			DK122589, DK124131		
2A				16179074 (BBPD), 16179094 (BBPH)		
2B				16181454 (BCFF), 16179104 (BBPJ)		
3	2HX69 3HN69 3HY69 4HP69 4HR69		3750	DK122591, DK124154		
3A				16179194 (BBPU), 16179244 (BBRA)		
3B				16194774 (BHDU), 16194804 (BHDY)		

ISSUED: 03-03-93 (ML-RP176) REVISED: ML-RR003, RR021, RR032, RR054

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4	2HZ69 2HX69 3HN69 3HY69 4HP69 4HR69	A4	3875 3750	DK122592, DK124132	17094050, 17094153	25143483
4A				16179214 (BBPX), 16179264 (BBRC)		
4B				16194784 (BHDW), 16194814 (BHDZ)		
5	4WB19 4WD19 4WF19 4WF57 4WB57 4WD57		3750 3625	DK123258		25144762, 24502414, 24503708
5A				16179324 (BBRL)		
5B				16194874 (BHFH), 16199414 (BJTM)		

ISSUED: 03-03-93 (ML-RP176) REVISED: ML-RR003, RR021, RR032, RR054

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ISSUED: 03-03-93 (ML-RP176) REVISED: ML-RR003, RR021

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5A				16179324 (BBRL)		
5B				16194874 (BHFH)		

ISSUED: 03-03-93 (ML-RP176) REVISED: ML-RR003, RR021

17-R1G3.8V8GFEA-3
(1994)