State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-6-638
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 General Motors Corporation 1994 model-year exhaust emission control systems are certified as described below for light-duty trucks and medium-duty vehicles:

Fuel Type: Gasoline

Engine Family: R3G4.385GAEA Displacement: 4.3 Liters (262 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Three Way Catalytic Converter
Heated Oxygen Sensor
Exhaust Gas Recirculation
Throttle Body 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
3751-5750	50,000	0.50	9.0	1.0

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
3751-5750	50,000	0.39	4.0	0.6

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying the listed light-duty trucks 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 If such requirement is not repealed, the manufacturer shall submit a plan for compliance with the requirement; passenger cars and light-duty trucks not meeting such phase-in or more stringent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" (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, 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" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

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 4th day of March, 1993.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

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16.03.00.00

EXECUTIVE ORDER INFORMATION

ENGINE FAMILY..... R3G4.385GAEA

EVAPORATIVE FAMILY..... R3G1085WYMOA

CARLINES TO BE COVERED:

CARLINE NAME	CARLINE CODE
G10/20 SPORTVAN 2WD	55040
G10/20 VAN 2WD	55050
G30 VAN 2WD	55058
G15/25 RALLY 2WD	80030
G15/25 VANDURA 2WD	80040
G35 VANDURA 2WD	80048

(FOR CARB USE ONLY)

E.O. #A-6-638

AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
LIGHT DUTY TRUCKS AND MEDIUM DUTY VEHICLES

Example, Pattern A: CC10703+E62
Example, Pattern B: 1UM05

Digit 1 = Marketing Division

Pattern A	Pattern B
C = Chevrolet	1 = Chevrolet
T = GMC	2 = Pontiac
H = Oldsmobile	3 = Oldsmobile

Note: Digit 1 is not used for Pattern A models on engine family pages or California Supplemental Data Sheets.

Digit 2 = Chassis Type (all)

U = Conventional 4x2 Front Wheel Drive
C, R, S, M = Conventional 4x2 Rear Wheel Drive
G = Forward Control 4x2 Rear Wheel Drive
K, V, T, L = Conventional 4x4 Four Wheel Drive, All Wheel Drive

Digit 3 = Series/GVWR

Pattern A	Pattern B
1 = 10,15,1500/3500-7300	Letter code designates trim level rather than series/GVWR.
2 = 20,25,2500/6400-8600	
3 = 30,35,3500/7100-14500	

Digits 4 & 5

Pattern A = Dimensional Grouping	Pattern B
05 = Blazer, Jimmy, Bravada	05 = Cargo (APV)
06 = S/T Short Box	06 = Passenger (Lumina APV, Trans Sport, Silhouette)
07 = C/K Short Box	
08 = S/T Long Box & Cab-Chassis	
09 = C/K Long Box, R/V Suburban, M/L Short Body	
10 = G Short Wheelbase, M/L Long Body	
13 = G Long Wheelbase	

Digits 6 & 7 = Body/Cab Codes (Pattern A Only)

03 = Conventional Cab, Cab-Chassis
05 = Cargo Van
06 = Passenger Van, 4 Door Special Purpose Vehicle
16 = 2 Door Special Purpose Vehicle
53 = Extended Cab

Pickup Body Codes (Optional, Used with Pattern A Only)

+E62 = Stepside, Fenderside
+E63 = Fleetside, Wideside
+ZW9 = Cab-Chassis

ISSUED: 01-26-93 REVISED:
(ML-RP115)

(1994)

CHEVROLET LIGHT DUTY TRUCK MODEL IDENTIFICATION

MODEL	NAME	CAR LINE	CODE
CC10703+E62	C1500 SPORTSIDE PICKUP - SHORT BOX	C1500 PICKUP 2WD	55015
CC10703+E63	C1500 FLEETSIDE PICKUP - SHORT BOX		55015
CC10753+E62	C1500 SPORTSIDE PICKUP - EXTENDED CAB SHORT BOX		55015
CC10753+E63	C1500 FLEETSIDE PICKUP - EXTENDED CAB SHORT BOX		55015
CC10903+E63	C1500 FLEETSIDE PICKUP - LONG BOX		55015
CC10953+E63	C1500 FLEETSIDE PICKUP - EXTENDED CAB LONG BOX		55015
CC20753+E63	C2500 FLEETSIDE PICKUP - EXTENDED CAB SHORT BOX	C2500 PICKUP 2WD	55020
CC20903+E63	C2500 FLEETSIDE PICKUP - LONG BOX		55020
CC20953+E63	C2500 FLEETSIDE PICKUP - EXTENDED CAB LONG BOX		55020
CC10906	C1500 SUBURBAN	C1500 SUBURBAN 2WD	55065
CG21306	G20 SPORTVAN	G10/20 SPORTVAN 2WD	55040
CG11005	G10 CHEVY VAN - SHORT WHEELBASE	G10/20 VAN 2WD	55050
CG11305	G10 CHEVY VAN - LONG WHEELBASE		55050
CG21005	G20 CHEVY VAN - SHORT WHEELBASE		55050
CG21305	G20 CHEVY VAN - LONG WHEELBASE		55050
CG31306	G30 SPORTVAN	G30 SPORTVAN 2WD	55054
CG31305	G30 CHEVY VAN	G30 VAN 2WD	55058

ISSUED: 01-15-93
(ML-RP096)

(1994)

GMC LIGHT DUTY TRUCK MODEL IDENTIFICATION

MODEL	NAME	CAR LINE	CODE
TC10703+E62	C1500 SPORTSIDE SIERRA (SHORT BOX)	C1500 SIERRA 2WD	80010
TC10703+E63	C1500 WIDESIDE SIERRA (SHORT BOX)		80010
TC10753+E62	C1500 SPORTSIDE SIERRA (CLUB COUPE - SHORT BOX)		80010
TC10753+E63	C1500 WIDESIDE SIERRA (CLUB COUPE - SHORT BOX)		80010
TC10903+E63	C1500 WIDESIDE SIERRA (LONG BOX)		80010
TC10953+E63	C1500 WIDESIDE SIERRA (CLUB COUPE - LONG BOX)		80010
TC20753+E63	C2500 WIDESIDE SIERRA (CLUB COUPE - SHORT BOX)	C2500 SIERRA 2WD	80015
TC20903+E63	C2500 WIDESIDE SIERRA (LONG BOX)		80015
TC20953+E63	C2500 WIDESIDE SIERRA (CLUB COUPE - LONG BOX)		80015
TC10906	C1500 SUBURBAN	C1500 SUBURBAN 2WD	80055
TG11006	G1500 RALLY (SHORT WHEELBASE)	G15/25 RALLY 2WD	80030
TG11306	G1500 RALLY (LONG WHEELBASE)		80030
TG21306	G2500 RALLY		80030
TG11005	G1500 VANDURA (SHORT WHEELBASE)	G15/25 VANDURA 2WD	80040
TG11305	G1500 VANDURA (LONG WHEELBASE)		80040
TG21005	G2500 VANDURA (SHORT WHEELBASE)		80040
TG21305	G2500 VANDURA (LONG WHEELBASE)		80040
TG31306	G3500 RALLY	G35 RALLY 2WD	80044
TG31305	G3500 VANDURA	G35 VANDURA 2WD	80048

ISSUED: 01-15-93
(ML-RP096)

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E.O. #A-6-638

1994 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: R3G4.385GAEA

PASSENGER CARS___ LIGHT DUTY TRUCKS_X_ (T2) MEDIUM DUTY VEHICLES___

FUEL TYPE: GAS STANDARDS TYPE: TIER 0 VEHICLE TYPE: NA

ENGINE CONFIG: V6 LITER (CID): 4.3 (262) EVAP FAMILY: R3G1085WYM0A

ENGINE: FRONT_X_ MID___ REAR___ DRIVE: FWD___ RWD_X_ 4WD-FT___ 4WD-PT___

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: EGR, TWC, HO2S, TBI

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.
51	G11005 G11305	A4	4250 4500	16188475/BDSF	17087026	25104273
52 (Ac)	G11005 G11305		4750			

ISSUED: 01-26-93 REVISED:
(ML-RP115)

17-R3G4.385GAEA-2
(1994)

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E.O. #A-6-638

1994 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: R3G4.385GAEA

PASSENGER CARS___ LIGHT DUTY TRUCKS___ MEDIUM DUTY VEHICLES_X_ (M2)

FUEL TYPE: GAS STANDARDS TYPE: TIER 0 VEHICLE TYPE: NA

ENGINE CONFIG: V6 LITER (CID): 4.3 (262) EVAP FAMILY: R3G1085WYM0A

ENGINE: FRONT_X_ MID___ REAR___ DRIVE: FWD___ RWD_X_ 4WD-FT___ 4WD-PT___

EMISSION CONTROL SYSTEM & SPECIAL FEATURES: EGR, TWC,HO2S TBI

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.
51	G21005	A4	4250	16188475/BDSF	17087026	25104273
	G21305		4500			
	G31305		4750			
	G21306		5000			
52 (Mc)	G21005		4500			
	G21305		4750			
	G31305					
	G21306		5000			

ISSUED: 01-26-93 (ML-RP115) REVISED: