State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER P-6-36
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 1990 model-year General Motors Corporation federally-certified emission control systems are certified for sale in California as described below for gasoline-powered light-duty trucks:

Engine Family: L3G3.1T5XAS6 Displacement: 2.8 Liters (171 Inches^3)

Equipped with the following exhaust emission control systems:

Secondary Air Injection
Exhaust Gas Recirculation
Oxygen Sensor
Three-Way Catalyst
Throttle Body Electronic Fuel Injection

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

The following are the emission standards for this engine family:

Loaded Vehicle Weight(lbs.)	Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0-3750	0.80	10	1.2

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

Loaded Vehicle Weight(lbs.)	Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0-3750	0.29	4.1	0.4

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 "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the Executive Officer has been provided evidence of federal certification of vehicle models listed in the attachments which are not available as California-certified models.

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate that the vehicle manufacturer has sufficient emissions credits for its estimated California sales of federally-certified 1990 model-year vehicles using the "Guidelines for Certification of 1983 and Subsequent Model-Year Federally Certified Light-Duty Motor Vehicles For Sale in California" (Title 13, California Code of Regulations, Section 1960.5).

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 regulations (Title 13, California Code of Regulations, Section 2035 and California 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 3rd day of March, 1989.

K. D. Drachand, Chief
Mobile Source Division

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SUPPLEMENTAL DATA AND CERTIFICATION REVIEW SHEETS

Section and Page No.	Rev. No. or Date	Item
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17-L3G3.1T5XAS6-1	02-09-89	Supplemental Data Sheet
17-L3G3.1T5XAS6-2	02-09-89	Supplemental Data Sheet
17-L3G3.1T5XAS6-3	02-09-89	Certification Review Sheet

NOTES:

(1) Please refer to manufacturer's HP lists (Attachment I) for correct dyno test HP settings based on model and equipment.

(2) If two test weights are listed, the lower weight will be used for testing.

(3) Letter derivative codes are the same as corresponding numeric codes except as indicated.

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

VEHICLE MODELS: C C 1 0 7 0 3 + E 6 3 (EXAMPLE)

Digit 1
Selling Division*

C-Chevrolet
T-GMC Truck

Digit 2
Chassis Type

C, M, R, S-Conventional 4x2
G-Forward Control 4x2 (Body Frame Integral)
K, T, V-Conventional 4x4

Digit 3
Series/GVWR Range

1-3500 to 7300 lbs
2-6400 to 8600 lbs
3-7100 to 14500 lbs

Digits 4 & 5
CA Dimension/Model Type

05-Blazer, Jimmy
06-S10/15
07-42"/Pickup, Chassis-Cab
09-56"/Suburban, Chassis-Cab, Pickup, Astro, Safari
10-60" Chevy Van/Vandura, Sportvan/Rally, Chassis-Cab
13-Chevy Van/Vandura, Sportvan/Rally

Digits 6 & 7
Cab or Body Style

03-Conventional Cab (S-T, C-K Models)
05-Chevy Van/Vandura & Astro/Safari (Cargo)
06-Suburban/Sportvan/Rally & Astro/Safari (Passenger)
16-Blazer/Jimmy
53-Extended Cab (S-T, C-K Models)

Digits 8, 9 & 10
Body Ordering Code

E62-Stepside/Fenderside Pickup
E63-Fleetside/Wideside Pickup
ZW9-Base Body

VEHICLE MODELS: 1 U M 0 6 (EXAMPLE)

Digit 1 Selling Division	Digit 2 Body Designation	Digit 3 Trim Level	Digits 4 and 5 Body Style
1-Chevrolet 2-Pontiac	U-Lumina APV, Trans Sport	H, M, S	06-Van

* Digit 1 is not shown on subsequent pages. All vehicle models listed are sold by Chevrolet (C) and GMC Truck (T).

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AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

MANUFACTURER: GENERAL MOTORS CORPORATION ENGINE FAMILY: L3G3.1T5XAS6

PASSENGER CARS___ LIGHT DUTY TRUCKS X MEDIUM DUTY VEHICLES___ GAS X DIESEL___

ENGINE TYPE: V6 LITER (CID): 2.8 (171) EVAP FAMILY: LBO-3C

EMISSION CONTROL SYSTEM: AIR/EGR/TWC/O2S (OBD, TBI)

ENGINE: FRONT X MID___ REAR___ DRIVE: FWD___ RWD X 4WD-FT___ 4WD-PT___

CERTIFICATION STANDARDS: .80 HC, 1.2 NOx DPA: SEE ATTACHMENT I

ENG CODE	VEH MODELS (SEE PAGE 1A)	TRANS TYPE: A-AUTO M-MAN	EQUIV TEST WEIGHT	IGN SYSTEM (ECU/PROM) PART NO.	EGR SYSTEM PART NO.	CATALYST PART NO.
1	S10603+E63 S10803+E63 S10653+E63	M5	3125 3250	16069211/ ACHZ	17086720	25103262 (MS 449)
2	S10603+E63 S10803+E63 S10653+E63		3250 3375			
3	S10603+E63 S10803+E63 S10653+E63		3125 3250	16069221/ ACJA		
4	S10603+E63 S10803+E63 S10653+E63		3250			

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ATTACHMENT I

TEST HORSEPOWER VALUES

Body Style	Test Weight Classes	50mph Road Load Hp	without AC Dyno Hp	without AC Coast Down Time	with AC Dyno Hp	with AC Coast Down Time	CD, CA or FA
***** R TRUCK (2WD) *****							
CHEVROLET R10 SUBURBAN (CR10906) GMC R15 SUBURBAN (TR10906)							
All	0-6000	18.85	11.3	19.64	12.5	18.55	CD
***** S TRUCK (2WD) *****							
CHEVROLET S10 BLAZER 2WD (CS10516) GMC S15 JIMMY 2WD (TS10516)							
All with C51	0-3750	14.31	10.8	16.25	11.9	15.15	CD
All without C51	0-3750	13.59	9.8	17.11	10.8	16.01	CA
CHEVROLET S10 PICKUP 2WD (CS10603+E63,CS10653+E63,CS10803+E63) GMC S15 PICKUP 2WD (TS10603+E63,TS10653+E63,TS10803+E63)							
w/P(195or205)/75R14 w/auto trans	3125-3500	15.47	10.6	13.99	11.6	13.14	CA
w/P(195or205)/75R14 w/auto trans	0-3000	15.07	10.6	12.45	11.6	11.56	CA
w/P(195or205)/75R14 w/man. trans	3125-3500	14.25	10.6	15.19	11.6	14.15	CA
w/P(195or205)/75R14 w/man. trans	0-3000	13.85	10.6	13.44	11.6	12.50	CA
w/P215/65R15s	3500 Only	15.47	11.1	14.00	12.2	13.00	CA
w/P215/65R15s	0-3375	14.40	10.4	14.52	11.4	13.56	CA
CHEVROLET S10 CAB CHASSIS 2WD (CS10803+ZW9) GMC S15 CAB CHASSIS 2WD (TS10803+ZW9)							
w/2.5L L4 engine	All		16.0		17.0		FA
w/(2.8L or 4.3L) V6 engine	All		22.5		23.5		FA
***** S TRUCK (4WD) *****							
CHEVROLET S10 BLAZER 4WD (CT10516) GMC S15 JIMMY 4WD (TT10516)							
w/o P235/75R15 OOR & w/C51	0-4000	16.42	11.9	15.07	13.0	14.09	CD
w/o P235/75R15 OOR & w/o C51	0-4000	15.39	10.9	16.08	12.0	15.10	CA