State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-293-5
Relating to Certification of New Motor Vehicles

PAS, 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 Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1993 model PAS, Inc. exhaust emission control systems are certified as described below for medium-duty trucks:

Fuel Type: Compressed Natural Gas

Engine Family: PP25.785CAEA Displacement: 5.7 Liters (350 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Three Way Catalytic Converter
Heated Oxygen Sensor
Exhaust Gas Recirculation
Throttle Body Fuel Injection

Vehicle models, transmissions, and engine codes are listed on attachments.

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

Loaded Vehicle Weight (pounds)	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 (pounds)	Miles	Non-Methane Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
3751-5750	50,000	0.25	4.0	0.2

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 vehicle models listed also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) 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 regulations (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 18th day of December, 1992.

Norman Kaye for
R. B. Summerfield
Assistant Division Chief
Mobile Source Division

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Manufacturer PAS, INC. Engine Family PP25.785CAEA

Passenger Car ____ (PC) Light-Duty Truck ___ (T1/T2) Medium-Duty Vehicle M2 (M1/M2/M3/M4/M5)

Stds Type: Tier 0 (Tier0/1, AB965, TLEV, LEV, ULEV) Veh. Type (FFV, HEV (type A/B/C)): N/A

Fuel Type: Compressed Natural Gas Evaporative Family: N/A (EXEMPT)

Engine Config. V-8 Liter (CID) 5.7L (350)

Engine: Front X Mid. ____ Rear ____ Drive: FWD ___ RWD X 4WD-FT ____ 4WD-PT ____

Exhaust ECS & Special Features (incl. CARB,MFI, etc.) TWC, HO2S, EGR, TBI, EI, CL, OBD

Engine Code (Cert. Std.)	Vehicle Models (if coded see attachment)	Trans. Type A-automatic M-manual	ETW	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalyst Part No.
MDV2	**NGP C2500(3/4T)**	**L-4**	**4750**	**14.7**	**16192825/ 16192816**	**17111851**	**25101901**
MDV2	**NGP C1500(1/2T)**	**L-4**	**4750**	**13.2**	**16192825/ 16192816**	**17111851**	**25101901**

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Manufacturer PAS, INC. Engine Family PP25.785CAEA

Passenger Car ____ (PC) Light-Duty Truck ___ (t1/T2) Medium-Duty Vehicle M2 (M1/M2/M3/M4/M5)

Stds Type: Tier 0 (Tier0/1, AB965, TLEV, LEV, ULEV) Veh. Type (FFV, HEV (type A/B/C)): N/A

Fuel Type: Compressed Natural Gas Evaporative Family: N/A (Exempt)

Engine Config. V-8 Liter (CID) 5.7L (350)

Engine: Front X Mid. ____ Rear ____ Drive: FWD ____ RWD X 4WD-FT ____ 4WD-PT ____

Exhaust ECS & Special Features (incl. CARB, MFI, etc.) TWC, HO2S, EGR, TBI,

Engine Code (Cert. Std.)	Vehicle Models (if coded see attachment)	Trans. Type A-automatic M-manual	ETW	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalyst Part No.
MDV2	NGP C2500 (3/4T)	L-4	4750	14.7	16191701/ 16191906	17111851	25101901
MDV2	NGP C1500 (1/2T)	L-4	4750	13.2	16191701/ 16191906	17111851	25101901

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