State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-19-71
Relating to Certification of New Motor Vehicles

DR.ING.H.C.F.PORSCHE AKTIENGESELLSCHAFT

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 1991 model-year Dr.Ing.h.c.F.Porsche AG exhaust emission control systems are certified as described below for gasoline-powered passenger cars:

Engine Family: MPR183V5FE46 Displacement: 3.0 Liters (183 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Three-Way Catalyst
Heated Oxygen Sensor
Multipoint 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:

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.41	7.0	0.7

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

Hydrocarbons (Grams per Mile)	Carbon Monoxide (Grams per Mile)	Nitrogen Oxides (Grams per Mile)
0.20	2.2	0.2

BE IT FURTHER RESOLVED: That the listed models are certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 of Title 13, California Code of Regulations which includes recall liability for emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

BE IT FURTHER RESOLVED: That the vehicle manufacturer is certifying to the optional NOx standard based on actual sales of 1990 model-year California-certified passenger cars.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered 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 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 requirements of 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 provisions (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 10 day of August, 1990.

for John A. Henderson
R. B. Summerfield
Assistant Division Chief
Mobile Source Division

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Manufacturer P O R S C H E Engine Family MPR 183 V5FE46

Pass Car X Lt-Duty Truck ____ Med-Duty Vehicle ____ Fuel Type gasoline

Engine Type L-4 Liter (CID) 3.0 (183) Evaporative Family K

Emission Control Sys. & Special Features TWC HO2S MPI
(Use abbreviations per SAE J1930 Jun88)

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

Eng. Code/ (Cert. Std.)	Veh. Models (If Coded see Attachmt.)	Trans. Type: A-Auto M-Man.	Equiv. Test Weight	RLHP	Ign.Sys. (PCME/PROM) Part No.	EGR Syst. Part No.	Catalyst Part No.
M 44/41 C	944 S2	M	3375	7.0	944S-MW-02	n/a	944/3-3

Revisions:
042090

E.O.# A-19-71

199 1 MODEL-YEAR CERTIFICATION REVIEW SHEET
EXHAUST/EVAPORATIVE SYSTEM & CALIFORNIA REQUIREMENTS

Mfr. PORSCHE Engine Family MPR 183 V5FE46

PC X LDT___ MDV___ Fuel Type gasoline Engine Code Type(s): CA .27 49S___ 50S X

Liter (CID) 3.0 (183) Rated HP 208 @ 5800 RPM Valves/Cyl. 4 Engine Type L-4

Evaporative Family K Certification Type: 50K X 100K___ AB965___

Exhaust Control System & Special Features TWC HO2S MPI
(Use abbreviations per SAE J1930 Jun88)

	Sect./Page #		Sect./Page #
1 Authorized Representative	1	13 Evap. Bench Test Procedure	13
2 Fuel, Test Equipment Procedures & Route	3+4	14 Gen. Std., Increase in Em., Safety, Mtg. All Reqts. St.	16.03
3 Emiss.Warranty Statement(St.)	17	15 Prod. Veh. Same as Test Veh.St.	17
4 Maint: Cert/Req'd/ Recm'd	6	16 Emiss. Label Durability St.	17
5 Emiss. Label/Vac. Hose Diag.	7	17 Driveability St.	17
6 Evap. Control System	8+9	18 Fill Pipe Specifications	17
7 Engine Parameters	10	19 Altitude A/F Requirement	16.01
8 Fuel/Ignition Systems	8+10	20 OBD Sys. incl marked revisions	No Change
9 Exhaust Control System	8+10	21 EPA Certificate	Yes
10 Proj Sales incl LDT/MDV Split	10	22 Cert. Preview Program	
11 Vehicle Description	10	23 Cert. Plan for Optional Stds.	Yes

12 Test Vehicle Information	Dur. ID	Dur. MY	Emiss. ID	Emiss. MY		
C/O MY or C/A	12	12	12	12		
Vehicle Logs	12					
Zero Mile Books	12					
Maint. Logs & Engr. Eval.	12					

PROJECTED EMISSIONS (1)&(2)

Veh.ID	Code (Displ)	Trans	ETW	RLHP	MPG City/Hwy	Test Loc.	THC/ ~~NMHC~~	CO	NOx	Hwy NOx	CO2	Evap/ ~~Part~~
EC E4-1-K	M44/41C	M 5	3375	7.0	19.2/32.8	MFR	0.20	2.2	0.21	0.01	459	1.4

(1) The emiss. data vehicle/s above comply with stds. of: .41 7.0 .7 .93 n/a 2.0
and includes deterioration factors of: 1.200 1.200 1.10 1.10 n/a .5
(2) Evaporative DF is the average of: Vehicle DF --- and Bench DF ---

Remarks Evap DF is assigned DF

Application Processed by [signature] Date 8/7/90 Reviewed by [signature] Date 8/7/90
042090