Full

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-301
Relating to Certification of New Motor Vehicles

CHRYSLER 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 1995 model-year Chrysler Corporation exhaust emission control systems are certified as described below for light-duty trucks:

Emission Standard Category: Ultra-Low-Emission Vehicle (ULEV)

Fuel Type: Compressed Natural Gas (CNG)

Engine Family: SCR20128C4JA Displacement: 3.3 Liters (201 Cubic Inches)

Exhaust Emission Control Systems and Special Features:

Three Way plus Oxidation Catalytic Converter
Heated Oxygen Sensor
Sequential Multiport 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 (lbs.)	Miles	Non-Methane Organic Gas	Carbon Monoxide	Nitrogen Oxides	Formaldehyde
3751-5750	50,000	0.050	2.2	0.4	0.009
	100,000	0.070	2.8	0.5	0.013

The certification exhaust emission values set forth for non-methane organic gas (NMOG) reflect application of a reactivity adjustment factor (RAF) for CNG-fueled light-duty ULEVs, and the addition of the product of the methane exhaust emission value and a RAF for methane emission of CNG-fueled light-duty ULEVs.

BE IF FURTHER RESOLVED: That, as of the date of this order, the Air Resources Board has not proposed or adopted a RAF for light-duty ULEVs operated on CNG, or a methane RAF for such vehicles. Based on available data and analysis, there is a strong likelihood that the initially adopted RAF for such vehicles will be less than 1.000, and the initially adopted methane RAF for such vehicles will be less than the numerical value of the maximum incremental reactivity of methane (0.0148). With the consent of the manufacturer, which has been provided, the applicable RAF and methane RAF for the listed engine family shall be treated for all purposes relating to this certification as:

Reactivity Adjustment Factor for NMOG Mass Emission: 1.000

Reactivity Adjustment Factor for Methane Mass Emission: 0.0148

The ULEV certification exhaust emission values for this engine family in grams per mile are (Values in parentheses are actual certification values before rounding off):

Loaded Vehicle Weight (lbs.)	Miles	Non-Methane Organic Gas	Carbon Monoxide	Nitrogen Oxides	Formaldehyde
3751-5750	50,000	0.015	0.4	0.0(0.04)	0.000(0.0002)
	100,000	0.024	0.4	0.0(0.05)	0.000(0.0002)

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 under the submitted NMOG fleet average compliance plan, if the manufacturer incurs a NMOG debit for the aforementioned model year based on the projected NMOG fleet average exceeding the value required by the above-referenced standards and test procedures, all incurred NMOG debits by the manufacturer shall be equalized as required by the standards and test procedures.

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 the ULEV hydrocarbon exhaust emission standard to which the listed vehicles are certified is at least twice as stringent as otherwise applicable to gasoline vehicles of the same year and class, and the listed vehicles therefore meet the definition of "low-emission motor vehicle" set forth in Health and Safety Code Section 39037.05 and 43800.

BE IT FURTHER RESOLVED: That the listed vehicle models shall be clearly labeled as "low-emission motor vehicle" as defined in Health and Safety Code Sections 39037.05 and 43800, and such labeling shall meet the requirements of Health and Safety Code Section 43802(a) at the time of sale.

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 11th day of October, 1994.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O. # A-9-301

1995 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

PASSENGER CARS, LIGHT-DUTY TRUCKS AND MEDIUM-DUTY VEHICLES

Manufacturer: Chrysler Corporation Exh Engine Family: SCR20128C4JA

Evap Std: 50K N.A. Useful Life with R/L____ Evap Engine Family: N.A.

Exh Std: Tier-0____ Tier-1____ TLEV____ LEV____ ULEV X ZEV____ ; EPA Tier-0____ Tier-1____

Veh Class(es): PC____ LDT1____ LDT2 X MDV1____ MDV2____ MDV3____ MDV4____ MDV5____

Single Cert Std for Multi-Class Eng Fam: N.A. (Specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)

Exh Cert Fuel(s): Indo____ Ph2____ Diesel: 13 CCR 2282____ or 40 CFR 86.113-90___ or -94___

M85____ CNG X LPG____ Other (specify) ____

Fuel Type(s): Dedicated X Flex-Fuel____ Dual-Fuel____ Gasoline____ Diesel____ M85____

CNG X LNG____ LPG____ Other (specify)____

Hybrid: Type A___ B___ C___, APU Cycle (e.g., Otto, Diesel, Turbine)____

Engine Configuration: V6 Displacement: 3.3 / ____Liters 201 / ____Cubic Inches

Engine: Front X Mid____ Rear____ Drive: FWD X RWD____ 4WD-FT____ 4WD-PT____

Exhaust ECS (eg., EGR, MFI, TC, CAC): TWC+OC, HO2S, SFI

(use abbreviations per SAE J1930 SEP91)

Engine Code (also list CA/49ST/50ST)	Vehicle Models (if coded see attachment)	Trans. Type A-automatic M-manual	ETW or Test Wt.	DPA or RLHP	Ignition (ECM/PCM) Part No.	EGR System Part No.	Catalyst Converter Part No.
CA-100		A4		S	04686846	N.A.	04427820
				E			
	ASHL52		4000	E			
	ASKL52						
	ASHH52			A			
	ASKH52			T			
				T			
				A			
				C			
				H			
				M			
				E			
				N			
				T			

Date Issued: 06-10-94

Revisions: ____

SDS4/c4ja.ecc

TRUCK MODELS COVERED BY CERTIFICATE

VEH MFR: CHRYSLER ENG MFR: CHRYSLER ENG FAM: SCR20128C4JA CERTIF #:
EVAP FAM: N.A..

CAR LINE	California SALES
Caravan 2WD	YES
Voyager 2WD	YES

MFR. SALES NAME	FULL NAME	MODEL	MODEL DESCRIPTION
Dodge	Caravan 2WD	* ASKL52	* FWD, SWB,Lowline
Dodge	Caravan 2WD	* ASKL53	* FWD, LWB,Lowline
Plymouth	Voyager 2WD	* ASHL52	* FWD, SWB,Lowline
Plymouth	Voyager 2WD	* ASHL53	* FWD, LWB,Lowline

*AS = Body style, K = Dodge, L= Lowline, H = Plymouth, FWD(2WD) = Front Wheel Drive, SWB(52)= Short Wheel Base, LWB(53)= Long Wheel Base.

1995 Chrysler Corporation

SCR2D128C4JA FAMILY TIRE USAGE

VEHICLE MODEL	ENGINE/ TRANS	WEIGHT LBS TEST	GVW	A C	TIRE DESCRIPTION USE	YR	CODE	TRD	MFG	COASTDOWN TIME SEC	*DYNO HP	TIRE F	PRES R
ASHH52	EGP DGL FW	4000		D Y	STD	95	TPB	TAD	TZA	15.46	9.70	35	35
					OPT	95	TP4	TAD	TZA	15.24	9.10	35	35
					OPT	95	TPC	TAD	TZA	15.46	9.70	35	35
ASHL52	EGP DGL FW	4000		D Y	STD	95	TPB	TAD	TZA	15.46	9.70	35	35
					OPT	95	TP4	TAD	TZA	15.24	9.10	35	35
					OPT	95	TPC	TAD	TZA	15.46	9.70	35	35
ASKH52	EGP DGL FW	4000		D Y	STD	95	TPB	TAD	TZA	15.46	9.70	35	35
					OPT	95	TP4	TAD	TZA	15.24	9.10	35	35
					OPT	95	TPC	TAD	TZA	15.46	9.70	35	35
ASKL52	EGP DGL FW	4000		D Y	STD	95	TPB	TAD	TZA	15.46	9.70	35	35
					OPT	95	TP4	TAD	TZA	15.24	9.10	35	35
					OPT	95	TPC	TAD	TZA	15.46	9.70	35	35

* - For DYNO HP = 0.00
Ref To FRONTAL AREA

/ 10. - TH01 - 400 /

Report Date: 06/22/94
Time: 11:15:58

1995
SCR20128C4JA

Chrysler Corporation
FAMILY TIRE DESCRIPTION

TIRE DESCRIPTION YR	COD	TRD	MFG	NAME		SIZE	RPM	CONSTRUCTION COD	TREAD MATERIAL	PLY	SW	SIDEWALL MATERIAL	PLY	OVERLAY MATERIAL	PLY	TREAD DEPTH (IN.) X 1/32
95	TP4	TAD	TZA	EAGLE-GA	(A/ST)	P205/70R15	793	SBR	2-STEEL/2-POLYESTER	4	LBL	POLYESTER	2	NYLON	2	10
95	TPB	TAD	TZA	GAL	(A/S)	P205/70R15	794	SBR	2-STEEL/2-POLYESTER	4	BSW	POLYESTER	2	NONE		10
95	TPC	TAD	TZA	INVICTA-GAL	(A/S)	P205/70R15	792	SBR	2-STEEL/2-POLYESTER	4	WSW	Polyester	2	None		10

Report Date: 06/22/94
Time: 11:15:58