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 Order G-45-9;

IT IS ORDERED AND RESOLVED: That 2000 model-year DaimlerChrysler Corporation exhaust emission control systems are certified as described below for medium-duty vehicles:

**Emission Standard Category:** Super-Ultra-Low-Emission Vehicle (SULEV)

**Fuel Type:** Compressed Natural Gas (CNG)

**Engine Family:** YCRXT05.26RC  **Displacement:** 5.2 Liters (318 Cubic Inches)

**Exhaust Emission Control Systems & Special Features:**
- Three Way plus Oxidation Catalytic Converter
- Dual Heated Oxygen Sensors
- Sequential Multiport Fuel Injection

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

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

<table>
<thead>
<tr>
<th>Test Weight (lbs.)</th>
<th>Miles</th>
<th>Non-Methane Organic Gases</th>
<th>Carbon Monoxide</th>
<th>Nitrogen Oxides</th>
<th>Formaldehyde</th>
</tr>
</thead>
<tbody>
<tr>
<td>5751-8500</td>
<td>50,000</td>
<td>0.059</td>
<td>2.5</td>
<td>0.3</td>
<td>0.006</td>
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<tr>
<td></td>
<td>120,000</td>
<td>0.084</td>
<td>3.7</td>
<td>0.45</td>
<td>0.008</td>
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</tbody>
</table>

The CNG certification exhaust emission values set forth for NMOC reflect application of a reactivity adjustment factor (RAF) for CNG-fueled medium-duty SULEVs, and the addition of the product of the methane exhaust emission value and a RAF for methane emission of CNG-fueled medium-duty SULEVs.
Reactivity Adjustment Factor for NMNOG Mass Emission: 0.72

Reactivity Adjustment Factor for Methane Mass Emission: 0.0047

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

<table>
<thead>
<tr>
<th>Test Weight (lbs.)</th>
<th>Miles</th>
<th>Non-Methane Organic Gases</th>
<th>Carbon Monoxide</th>
<th>Nitrogen Oxides</th>
<th>Formaldehyde</th>
</tr>
</thead>
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<td>5751-8500</td>
<td>50,000</td>
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<tr>
<td></td>
<td>120,000</td>
<td>0.035</td>
<td>2.9</td>
<td>0.20</td>
<td>0.002</td>
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</tbody>
</table>

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 medium-duty vehicle phase-in 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" (Title 13, California Code of Regulations, Section 1960.1(h)(2)).

BE IT FURTHER RESOLVED: That under the submitted medium-duty vehicle phase-in compliance plan, if the manufacturer incurs "Vehicle Equivalent Debits" for the aforementioned model year due to the manufacturer's failure to produce and deliver for sale in California the equivalent quantity of medium-duty vehicles certified to low-emission vehicle and/or ultra-low-emission vehicle exhaust emission standards required by the above-referenced standards and test procedures, all "Vehicle Equivalent Debits" incurred 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 and Smog Index 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 Requirements—1994 and Subsequent Model-Year Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles and Engines" (Title 13, California Code of Regulations, Section 1968.1) 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 13th day of October 1999.

[Signature]

R. B. Summerfield, Chief
Mobile Source Operations Division
Manufacturer: DaimlerChrysler  
Exh Eng Fam: YCRXTO5.26RC  
Evap Fam: YCRXE0000CDH  
Eng Codes in Eng Fam: CA 49S 50S X AB965 ORVR: YES NO X  
Exh Std: CA Tier-1 X TLEV LEV ULEV SULEV X US: EPA Tier-1 NLEV  
Veh Class(es): PC  LDT1  LDT2  MDV1  MDV2  MDV3 X MDV4 MDV5  
Single Cert Std for Multi-Class Eng Fam: N/A (Specify: N/A, LDT1, MDV1, MDV2, MDV3, MDV4)  
Fuel Type(s): Dedicated X Flex-Fuel X Bi-Level Gasoline X Diesel  
Emis Test Fuel(s): Indo. 40 CFR 86.113-90 Diesel: 13 CCR 2282 40 CFR 86.113-94  
Engine Configuration: V-8 Displacement: 5.2 Liters 318 Cubic Inches  
Valves per Cylinder: 2 Rated Horsepower RPM: 230 @ 4800  
Engine: Front X Rear Drive: FWD X RWD 4WD-FT 4WD-PT  
Exhaust ECS (eg. EGR, MFI, TC, CAC): TWC + QC, SFI 2H02S  

<table>
<thead>
<tr>
<th>Engine Code</th>
<th>Vehicle Models</th>
<th>Trans. Type</th>
<th>ETW or Test Wt.</th>
<th>DPA or RLHP</th>
<th>Ignition (ECM/PCM)</th>
<th>EGR System</th>
<th>Catalyst Converter Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA-100</td>
<td>AB2L12</td>
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</tbody>
</table>

* * denotes correction  

Date Issued: 08/25/99  
Revisions: 
Vehicle MFR: CHRYSLER

Engine Family: YCRXT05.26RC
Evaporative Fam: YCRXE0000CDH

MODELS COVERED BY CERTIFICATE

Model ID | Car Line | California Sales
---------|----------|------------------
AB2L12   | Ram Van 2500 2WD | YES
AB2L13   | Ram Van 2500 2WD | YES
AB3L13   | Ram Van 3500 2WD | YES
AB3L12   | Ram Van 3500 2WD | YES
AB2L52   | Ram Wagon 2500 2WD | YES
AB3L53   | Ram Wagon 3500 2WD H&V | YES

Model Codes

1st digit: 2nd digit:
1 = Van
5 = Wagon
2 = 109.6" wb
3 = 127.6" wb
4 = 127.6" maxi wb

Price Class
L = Low Line
X = Premium

Model:
1 = 81500
2 = 82500
3 = 83500

Body Code:
Vans
Wagons

Report Date: 08/25/99
Evap Family: \textit{YCRXEO000CDH}
Exhaust Control System: 
Evap. Control System: 
Engine Displacement: \texttt{5.2}

<table>
<thead>
<tr>
<th>Code</th>
<th>Carline Code</th>
<th>Carline Model</th>
<th>Engineering Model</th>
</tr>
</thead>
<tbody>
<tr>
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<tr>
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Report Date: 08/25/99
Time: 11:01:44