State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-290-13

Relating to Certification of New Heavy-Duty Motor Vehicle Engines

DETROIT DIESEL CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102 and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That the following Detroit Diesel Corporation 1991 model diesel-cycle engine is certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 8,500 pounds:

Fuel Type: Methanol (M100 & M85)

Engine Family	Liters	(Cubic Inches)	Exhaust Emission Control Systems and Special Features
MDD0552MDL7	9.0	552	Turbocharger Oxidation Catalyst Charge Air Cooling

Engine model and code is listed on attachments.

The following are the certification emission standards for this engine family in grams per brake-horsepower-hour are:

Organic Material Hydrocarbon Equivalent	Carbon Monoxide	Nitrogen Oxides	Particulates
1.3	15.5	5.0	0.10

The following are the certification emission values for this engine family in grams per brake-horsepower-hour are:

Engine Family	Organic Material Hydrocarbon Equivalent	Carbon Monoxide	Nitrogen Oxides	Particulates
MDD0552MDL7	0.8	12.0	3.0	0.06

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Health and Safety Code Section 43205.5).

BE IT FURTHER RESOLVED: That the listed engine family is certified for use in urban buses.

Engines 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 attachments.

Executed at El Monte, California this 3rd day of July, 1991.

Norman Rajer for

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

Executive Order No.: A-290-13

1991 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL CYCLE ENGINES

Manufacturer: Detroit Diesel Corporation

Engine Family: MDD0552MDL7

Liter (CID): 9 (552)

Engine Type: V-6

Emission Control System and (Special Features): CAC, OC, TC

ENGINE MODEL	FUEL INJECTION PUMP MFR PART NO.	ENGINE CODE INJECTOR MFR PART NO.	MAXIMUM RATED HP AT RPM	FUEL RATE mm3/STROKE (LBS/HR)	PART. TRAP/ CATALYST MFR. P/N
6V-92TA Methanol Coach	NA	1M (1) 5234955	277@2100	169.4 (223.3)	25131835
		2M (1) 5234955	253@2100	154.7 (203.9)	
		3M (1) 5234955	253@2100	154.7 (203.9)	
		1N (1) 5234955	253@2100	141.6 (183.4)	

(1) Diesel Technology Corporation

ISSUED: 04-19-91 REV. NO.: