State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-39
Relating to Approval of New Motor Vehicles

FWD CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 39150 and 39151 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Section 39023 of the Health and Safety Code;

IT IS ORDERED AND RESOLVED: That FWD Corporation exhaust emission control systems for 1973-model year heavy-duty diesel and gasoline motor vehicles are approved for the vehicle models described below:

Vehicle Model	Engine Manufacturer	Engine Family	Engine Models	Engine Approval Executive Order No.
Gasoline Powered				
"CB", "CC" or "DF".	Ford Motor Company	401/477/534	6.6/7.8/8.8 401/477/534	A-10
	International Harvester Co.	LV-8	V/VS-549 9.0 FTV/FTVS-549 9.0	A-4-1
	Chrysler Corporation	RB	413-1 6.8 413-2 6.8	A-9
Diesel Powered				
"CA" and "CO".	Cummins Engine Co.	092 092 093 093 181 171 172	NTC-270 14.0 NTC-290 14.0 NTC-350 14.0 NTA-370 14.0 Super 250 15.2 V-903 14.8 VT-903 14.8	A-21
	Detroit Diesel-Allison Division General Motors	71N 71T	6-71 8V-71 12V-71 8V-71T	A-6-3

Vehicle Model	Engine Manufacturer	Engine Family	Engine Models	Engine Approval Executive Order No.
Diesel Powered				
"CB" and "CC".	Cummins Engine Co.	091	NH-230 14.0	A-21
		092	NTC-290 14.0	
		093	NTC-350 14.0	
		181	Super 250 15.2	
	Detroit Diesel-Allison Division General Motors	53N	6V-53	A-6-3
		71N	6V-71	
		71N	6-71	
		71N	8V-71	
		71N	12V-71	
"PA", "PB", "PT" and "SR".	Cummins Engine Co.	221	V-555 9.1	A-21
		092	NTF-295 14.0	
		092	NTF-365 14.0	
	Detroit Diesel-Allison Division General Motors	71N	6-71	A-6-3
		71N	8V-71	

Section 39152, Part I, Division 26 of the California Health and Safety Code requires that a decal be affixed to the side window which discloses the highest emissions from the certification fleet for that vehicle for which approval has been granted by the Board.

The following are the recommended values to be listed on the decal:

Engine Manufacturer	Engine Family	Hydrocarbons plus Nitrogen Dioxide grams/brake horsepower-hour	Carbon Monoxide grams/brake horsepower-hour
Ford Motor Co.	401/477/534	14	28
International Harvester Co.	LV-8	13.7	37
Chrysler Corporation	RB	14	15
Cummins Engine Co.	091	8.5	4.1
	092	10.8	2.5
	093	10.3	2.8
	171	8.3	4.7
	172	11.4	1.3
	181	8.4	4.5
	221	9.5	5.1

Engine Manufacturer	Engine Family	Hydrocarbons plus Nitrogen Dioxide grams/brake horsepower-hour	Carbon Monoxide grams/brake horsepower-hour
Detroit Diesel- Allison Division General Motors	53N	13.4	9.8
	71N	12.3	7.2

These values are effective until the termination of 1973-model year production.

The Department of Motor Vehicles, the California Highway Patrol, and the Bureau of Automotive Repair of the Department of Consumer Affairs will be notified of this approval by copy of this order.

Executed at Sacramento, California, this 8th day of January, 1973.

JOHN A. MAGA
Executive Officer