

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-108-1  
Relating to Certification of New Motor Vehicle Engines

DEERE AND COMPANY

Pursuant to the authority vested in the Air Resources Board by Sections 39018, 39600, 39601, 43101, and 43102 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 Deere and Company 1976 model year diesel-powered engines in heavy-duty motor vehicles are certified for the engine family described below:

<u>Engine Family</u>	<u>Engine Size CID</u>	<u>Engine Model</u>	<u>Type</u>
300 Series	276	4276TF	Inline four-Turbo-charged

Section 43200, Part I, Division 26 of the California Health and Safety Code requires that the manufacturer affix a decal to the side window to the rear of the driver or, if there is no such window on the driver's side, to the windshield of the motor vehicle.

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

<u>Engine Family</u>	<u>Hydrocarbon plus Nitrogen Dioxide grams/brake horsepower-hour</u>	<u>Carbon Monoxide grams/brake horsepower-hour</u>
300 Series	9	4

Engines certified under this Executive Order must conform to all applicable California emission regulations.

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

Executed at El Monte, California, this 26 day of January, 1976.

*G. C. Hass*

G. C. Hass, Chief  
Division of Vehicle Emissions Control

AIR RESOURCES BOARD  
 SUPPLEMENTAL INFORMATION  
 1976 MODEL YEAR  
 HEAVY-DUTY DIESEL ENGINES

Engine Family	Engine Models	Engine CID	Method of Aspiration *	Fuel Pump		Injectors Mfgr. Part No.	Tune-Up Specification		Fuel Rate	Remarks (Emission System)
				Mfgr. Part No.	Mfgr. Part No.		Max Rated H.P. and RPM	Initial Injection Timing		
300	4276TF	276	TC	DM 4427 NH 2957	20291	95 HP @ 2200 RPM	TDC	1) 76.7 2) 37.5	None	

Abbreviations:

- \*N.A. - Natural Aspiration
  - T.C. - Turbocharged.
  - T.C.A. - Turbocharged and After-cooled.
- Fuel Rate at Maximum Horsepower  
 (1)  $\frac{\text{lbm}^3}{\text{min}^3/\text{stroke}}$   
 (2) lbs/hour

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 SUPPLEMENTAL INFORMATION  
 1976 MODEL YEAR  
 HEAVY-DUTY DIESEL ENGINES

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