

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-108-3  
Relating to Certification of New Motor Vehicle Engines

DEERE & COMPANY

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 Deere & Company 1979 model-year diesel engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

<u>Engine Family</u>	<u>Displacement Cubic Inches</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
300C Series	276	(Turbocharged)

Engine Models and Codes as listed on attachments.

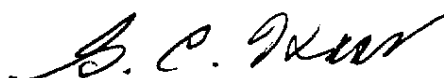
Section 43200, Part 5, Division 26 of the California Health and Safety Code requires that the engine manufacturer furnish a decal with each engine sold or delivered to a vehicle manufacturer. The decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following certification emission values:

<u>Engine Family</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Nitrogen Oxides gm/bhp-hr</u>
300C Series	0.7	3	5.9

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 27 day of February, 1979.



G. C. Hass, Chief  
Vehicle Emissions Control Division

1979 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY DIESEL ENGINES

Manufacturer DEERE & COMPANY Page 2  
 Engine Family 300C Series Engine (CID) 276  
 Emission Control Systems Engine Mod. Type TC Z-4

Engine Model	Fuel Injection Pump Mfg. Part Number	Injector Mfg. Part Number	Maximum Rated HP and RPM	Fuel Rate at Maximum HP mm <sup>3</sup> /stroke	Basic Initial Timing
4276T	Stanadyne AR 90716	Stanadyne AR 90023	89 HP @ 2200 RPM	84.0 40.0 lb/hr	TDC (Static)
FOR STREET SWEEPERS					

Date of Issue - 2-21-79

Abbreviations

Type  
 NA - Natural Aspiration  
 TC - Turbocharged  
 TCA - Turbocharged and Aftercooled

Emission Control Systems

AC - Aftercooler  
 EGR - Exhaust Gas Recirculation  
 TD - Throttle Delay