State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-63
Relating to Certification of New Motor Vehicles

INTERNATIONAL HARVESTER COMPANY

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

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

IT IS ORDERED AND RESOLVED: That International Harvester Company exhaust emission control systems for 1979 model-year diesel-powered medium-duty vehicles are certified for the vehicles described below:

Engine Family	Displacement Cubic Inches	Exhaust Emission Control Systems (Special Features)
SD-331	198	Exhaust Gas Recirculation

Vehicle Models, Transmissions and Engine Codes as listed on attachments.

The following are the certification emission values to be listed on the window decal required by California Assembly-Line Test Procedures for 1979 model-year vehicles:

Engine Family	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
SD-331	0.6	2	1.5

Vehicles 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 19 day of July, 1978.

G. C. Hass

G. C. Hass, Chief
Vehicle Emissions Control Division

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Engine Family SD-331 Engine (CID) 198

ABBREVIATIONS

Ignition System
CA-Centrifugal Advance
EI-Electronic Ignition
ESAC
VA-Vacuum Advance
VR-Vacuum Retard

Fuel System
EFI, MFI
nV-nVenturi Carburetor
VV-Variable Venturi

Exhaust Emissions Control System
AI-Air Injection
CCAV-Comb. Chamber Air Valve
EFI-Electronic Fuel Injection
EGR-Exhaust Gas Recirculation
EM-Engine Modification

ESAC-Electronic Spark Advance Control
MFI-Mechanical Fuel Injection

OC-Oxidation Catalyst
PAI-Pulse Air Injection
TC-Turbo Charged
TR-Thermal Reactor
TWC-Three Way Catalyst (Feedback Control)
WOC-Warm-up Oxidation Catalyst

Vehicle Model
Scout II 4x2
Traveler 4x2
Scout II 4x4
Traveler 4x4
Terra 4x4

E.O. #A 4 - 63

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☐ Passenger Cars ☐ Light-Duty Trucks ☒ Medium-Duty Vehicles

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Engine Family SD-331 (Nissan) Engine (CID) 198 Engine Code 1,2

Emission Control System EGR + 10% (A/C) Yes X No ___

Eng. Code	Vehicle Models (If Coded see attachment)	Trans.	Inertia Weight Class (Axle Ratio)*	Diesel Injection Pump Control Parameters CA	Diesel Injector Nozzle	EGR Valve	Tune-up Specification (1) Basic Injection Timing (2) Idle Speed
1,2	Scout II 4x2 Traveler 4x2 Scout II 4x4 Traveler 4x4 Terra 4x4	M-4	4500 (3.73)	Diesel Kiki Co. Ltd. 16700-90911 IH Part # 499947-C91	Diesel Kiki 16600-90019 IH Part # 486813-C91	14100-90000 IH Part # 499949-C1	(1) 20° BTDC at static rpm. preset by engine vendor, not adjusted unless pump service is required. (2) 700-750 rpm in neutral

Comments. See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model, equipment and inertia weight class.

*Axle ratio is that of medium duty certification vehicle.

Note:
Engine code 1 with A/C
Engine code 2 without A/C

Date of Issue -