State of California AIR RESOURCES BOARD

EXECUTIVE ORDER A-300-7

Relating to Certification of New Heavy-Duty Motor Vehicle Engines

THERMO POWER 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-45-9;

IT IS ORDERED AND RESOLVED: That the following 1995 model-year Thermo Power Corporation Otto-cycle engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds:

Fuel Type: Compressed Natural Gas

.

ì

Engine Family	Engine Displacement Liters (Cubic Inches)		Exhaust Emission Control Systems and Special Features		
STC4.3D5CREA	4.3	(262)	Three Way Catalytic Converter Heated Oxygen Sensor Exhaust Gas Recirculation Throttle Body Injection		

Engine models and codes are listed on attachments.

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

Non-Methane	Carbon	Nitrogen
Hydr <u>ocarbons</u>	<u>Monoxide</u>	<u>Oxides</u>
1.7	37.1	5.0

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

Engine Family	Non-Methane Hydrocarbons	Carbon <u>Monoxide</u>	Nitrogen <u>Oxides</u>
Engine Lamity			2 2
STC4.3D5CREA	0.1	6.0	2.2

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 (Title 13, California Code of Regulations, Section 2035 et seq.).

ì

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 20

R. B. Summerfield

Assistant Division Chief Mobile Source Division

E.O.# A-300-7

199 5 MODEL-YEAR AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET Page 49 INCOMPLETE MEDIUM-DUTY VEHICLE ENGINES (CERTIFIED USING HEAVY-DUTY OTTO-CYCLE ENGINE TEST PROCEDURES)

Manufacturer:	THERMO POWER	CORP.	Engine Family: _sr	CA 3 DSCREA	
Engine Config:_	<u>V6</u> Valve	es/Cyl: <u>2</u>	Disp1:/ 4	<u> </u>	/ 262 CII
Cert Std: Tier	'-1 /LEV	ULEV X	Engine Intended	Service Class:	M4 M5
			Max Rated Po		
All Eng Codes i					
			ual-Fuel Bi-		
			00 Other (s		
			M85 M100		ify)
Exhaust ECS (e.	g., OC, TWC, M	I, IFI, TC, CA	C): TWC, HO2S	EGR, TBI	11000 050011
·			(OZE TODLEAL	ations per SAE	21330 2Ebal)
Engine Model (Eng Code)	Rated HP @ RPM	Ignition System or ECM/PCM	Fuel System Injector & Pump	EGR Valve	Catalytic Converter
		Part No.	Part No.	Part No.	Part No.
1	139 @ 4000	16222360	7171040	17087026	2513000
*					
•					

Date Issued:

Revisions.