State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-300-3
Relating to Certification of New Heavy-Duty Motor Vehicle Engines

TECOGEN, INC.

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 Tecogen, Inc. 1992 model Otto-cycle engines are certified for use in motor vehicles with manufacturer's gross vehicle weight ratings (GVWR) over 14,000 pounds:

Fuel Type: Compressed Natural Gas

Engine Family	Engine Displacement Liters (Cubic Inches)	Exhaust Emission Control Systems and Special Features
TecoDrive 7000	7.0 (427)	Three-Way Catalyst

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 Hydrocarbons	Carbon Monoxide	Nitrogen Oxides
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 Monoxide	Nitrogen Oxides
TecoDrive 7000	0.3	14.5	1.4

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

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 18th day of December, 1991.

R. B. Summerfield
Assistant Division Chief
Mobile Source Division

E.O.# A-300-3
Page _____

199_2 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY ~~GASOLINE~~ ENGINES
NATURAL GAS

Manufacturer Tecogen Inc. Engine Family TecoDrive 7000

Liters (CID) 7.0 (427) Engine Type V-8

Emission Control Sys. & Special Features TWC
(Use abbreviations per SAE J1930 Jun88)

Engine Model (Eng. Code)	Rated HP @ RPM	Ignition System or PCME Mfr. P/N	Fuel System Mfr. P/N	EGR Valve Mfr. P/N	Catalyst Mfr. P/N
TecoDrive 7000	210 @ 4000 gross	AC Delco PN 1103791 or 1103839	IMPCO Mixer PN CA425M-2 IMPCO HP Regulator PN HPR-501 IMPCO LP Regulator PN PEV-1	NA	AC Rochester PN 25128946

Revisions:
042090