

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-330-20
Relating to Certification of New Heavy-Duty Engines and Vehicles

BAYTECH CORPORATION

Pursuant to the authority vested in the Air Resources Board at Sections 43100, 43101, and 43102 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned at Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the following engines and exhaust emission control systems produced by the manufacturer are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds as follows:

Model Year: 2000

Test Procedure: Otto-Cycle

Fuel Type: Compressed Natural Gas (CNG)

<u>Engine Family</u>	<u>Displacement</u>		<u>Exhaust Emission Control Systems and Special Features</u>
	<u>Liters</u>	<u>(Cubic Inches)</u>	
YBYTH04.3IUUV (LB4)	4.3	(264)	Three Way Catalytic Converter Throttle Body Fuel Injection Exhaust Gas Recirculation Heated Oxygen Sensor Engine Control Module
YBYTH04.3ILV (LB4)	4.3	(264)	Oxidation Catalytic Converter Throttle Body Fuel Injection Exhaust Gas Recirculation Heated Oxygen Sensor Engine Control Module
YBYTH04.3LEV (LB4)	4.3	(264)	Oxidation Catalytic Converter Throttle Body Fuel Injection Exhaust Gas Recirculation Heated Oxygen Sensor Engine Control Module

The engine models and codes are listed on attachments.

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

<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Oxides of Nitrogen</u>
1.7	37.1	4.0

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

<u>Engine Family</u>	<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Oxides of Nitrogen</u>
YBYTH04.3IUV	0.01	4.4	2.0
YBYTH04.3ULV	0.01	11.0	1.9
YBYTH04.3LEV	0.02	10.5	2.8

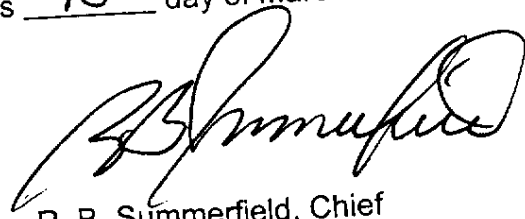
BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Sections 2035 et seq.).

BE IT FURTHER RESOLVED: That the listed engine models comply with the "California Motor Vehicle Emission Control and Smog Index Label Specifications" (Title 13, California Code of Regulations, Section 1965).

Engines certified under this Executive Order must conform to all applicable California emission regulations and to all applicable terms and conditions of the Settlement Agreement.

The Bureau of Automotive Repair will be notified by copy of this order and attachments.

Executed at El Monte, California this 15th day of March 2000.



R. B. Summerfield, Chief
Mobile Source Operations Division

LARGE ENGINE MODEL SUMMARY

E0 # A-330-20

Manufacturer: Baytech Corporation

Process Code: New Submission

EPA Engine Family: YBYTH04.3IUV

Manufacturer Family Name: N/A

Engine Code	Engine Model	BHP@RPM (SAE Gross)	Fuel Rate: mm/stroke @ peak HP (for diesels only)	Fuel Rate: mm/stroke @ peak HP (for diesels only)	Torque @ RPM (SEA Gross)	Fuel Rate: mm/stroke@peak torque	Fuel Rate (lbs/hr)@peak torque	Emission Control Device Per SAE J1930
1	LB4	117@3665	N/A	N/A	182@1490		.550	EGR/TWC/HO2S/ TBI/ECM