

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-330-37

Relating to Certification of New Heavy-Duty Motor Vehicle Engines

BAYTECH 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 2001 model-year Baytech 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 (CNG)

<u>Engine Family</u>	<u>Engine Displacement Liters (Cubic Inches)</u>	<u>Exhaust Emission Control Systems and Special Features</u>
1BYTH05.7ILV	5.7 (350)	Dual Three Way Catalytic Converters Dual Heated Oxygen Sensors (two) Throttle Body Fuel Injection Exhaust Gas Recirculation Engine Control Module

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>Nitrogen Oxides</u>
1.7	37.1	1.5

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

<u>Non-Methane Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>
0.000	5.9	1.3

BE IT FURTHER RESOLVED: That the listed engine models are certified to the optional lower-emission Oxides of Nitrogen standards pursuant to Title 13, California Code of Regulations, Section 1956.8(c)(1).


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.).

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

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 10<sup>th</sup> day of April 2001.

  
for R. B. Summerfield, Chief  
Mobile Source Operations Division

Part Number Summary Form

EO# = A-330-37  
(Attachment)

Manufacturer: Baytech Corporation  
 Engine category: On-highway HDGE  
 EPA Engine Family: 1BYTH05.71LV  
 Mfr Family Name: ILEV  
 Process Code: New Submission

Engine Code	Engine Model	Injection Pump	Injector	Turbo Charge	Electronic Control Module	After Treatment Device (Specify)	Smoke Puff Limiter	Sensor Assemblies	
								Description	Part Number
2	L31-CNG	N/A	4SP021 (ASM)	N/A	16265055 16249385 16250279 16208546 16244210 16229684 16263494 16258835 12200411	25160620 TWC (2 used)	N/A	IAT	12160244, 8993746
								Eng. Cool	25036979, 25037196, 12146312
								HTD O2 PRE	25160540,
									25163079, 25312191, 25312200
								HTD O2 Post	25163080, 25312201
								MAF MAP	25178988, 16187556,
								Knock Cr/Shf Posn	16249939 10456288 10456200, 10456532, 10456542, 10456572, 10456807

Part Number Summary Form

EO#: A-330-37

(Attachment)

Manufacturer: Baytech Corporation  
Engine category: On-highway HDGE  
EPA Engine Family: 1BYTH05.7ILV  
Mfr Family Name: ILEV  
Process Code: New Submission

Engine Code	Engine Model	Distributor Asm	Ign. Module Asm	C/Case Vent Valve	EGR Valve Asm	Regulator Asm	CNG Lock-off valve	Fuel Filter	CNG Driver Module
2	L31-CNG	1103977,	1106027,	6487530	25312788,	REG-180	part of reg asm	CF-100	BT7000