### **BAYTECH CORPORATION**

**EXECUTIVE ORDER A-330-0154** 

New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC), Div. 26, Part 5, Chap. 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515 & 39516 and Executive Order G-02-003;

### IT IS ORDERED AND RESOLVED:

That the following exhaust and evaporative emission control systems produced by the manufacturer are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

MODEL YEAR			EXHAUST EMISSION STANDARD CATEGORY	TANDARD CATEGORY (miles)				FUEL TYPE		
			USEPA Bin 8a (opt)	EXH / ORVR	EVAP	EXH	EVAP	Compressed Natural Gas		
2006	6BYTT06,0619	MDV: 5751-8500 Pounds ALVW	Counted as ARB SULEV	120K	*	•	*			
No.		SPECIAL FEATURES	EVAPORATIVE							
1	2WU-TWC,2	TWC, 2HO2S(2), SFI, OBD(F)	6BYTE0	000000		1				
*		*					В			
•		•								
•		•					· ···-			

See the Attachment for Vehicle Models, Evaporative Family, Engine Displacement, Emission Control Systems, Phase-In Standards, OBD Compliance, Emission Standards and Certification Levels, and Abbreviations.

BE IT FURTHER RESOLVED:

That the exhaust and the evaporative emission standards and the certification emission levels for the listed vehicles are as listed on the Attachment. Compliance with the 50° Fahrenheit testing requirement may have been met based on the manufacturer's submitted compliance plan in lieu of testing. Any debit in the manufacturer's "NMOG Fleet Average" (PC or LDT) or "Vehicle Equivalent Credit" (MDV) compliance plan shall be equalized as required.

#### BE IT FURTHER RESOLVED:

That for the listed vehicle models, the manufacturer has attested to compliance with Title 13, California Code of Regulations, (13 CCR) Sections 1965 [emission control labels], 1968.2 [on-board diagnostic, full or partial compliance], 2035 et seq. [emission control warranty], 2235 [fuel tank fill pipes and openings] (gasoline and alcohol fueled vehicles only), and "High-Altitude Requirements" and "Inspection and Maintenance Emission Standards" (California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model PC, LDT and MDV).

BE IT FURTHER RESOLVED:

That the listed vehicle models are federally certified, and are certified under the provisions of 13 CCR Section 1961(a)(14) and the incorporated test procedures.

Vehicles certified under this Executive Order shall conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Annette Hebert, Chief

Mobile Source Operations Division



New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles

## **ATTACHMENT**

# EXHAUST AND EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS

(For bi-, dual- or flexible-fueled vehicles, the STD and CERT in parentheses are those applicable to testing on gasoline test fuel.)

NMOG F AVERAGE			RAF=*		HCHO=form	aldehyde; P	M≐particulat	e matter; RA	F=reactivity a _dispensedl≃	adjustment fac on-board refu	ctor; 2/3 D (g/t Jelina vapor re	esij=2/3 day ecovery: g=gi	iOx≅oxides of diumal+ am; <b>mg</b> =millig	
CERT	STD	NMOG CERT	NMHC CERT	NMHC STD	mi=mile; K=	1000 miles;	F=degrees F	ahrenheit; S [g/mi]	FTP=supprer	mental federa [mg/mi]	test procedu	ie .	Hwy NO	x [g/mi]
*	• 1	[g/mi]	[g/mi]	[g/mi]	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD
	@ 50K	0.019	•	0.125	0.8	3.4	0.08	0.14	1.0	15.	*	*	0.07	0.19
	@ UL	0.021	*	0.156	0.9	4.2	0.10	0.20	1.0	18.	•	*	0.08	0.27
	50°F & 4K	*		*	•	•	*	_ · _	*	*		•	<u> </u>	
SCHOOL-1-SE		No. of Contract of		MARIE	Out Indiana	0100	/mil	NMHC+N	Ov	CO [g/mil	NMI	IC+NOx	CO	g/mi]

CO [g/mi]			(composite)		(composite)		[g/mi] [US06]		[U\$06]		[g/mi] [SC03]		[SC03]	
@ 2	0°F & 50K		CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD
	-	SFTP@* miles	•	<del>  ,</del>	<del>-</del> -		*	*	*	*	*	*	*	•
CERT		SFTP@* miles					1		<del></del>			•	*	*
STD	•	SFTP @ * miles	<u> </u>	<u> </u>	*	<u> </u>	<u> </u>							
				_										

Evaporative Family	3-Days Diurna (grams/te	al + Hot Soak st) @ UL	2-Days Diurna (grams/te		Runnin (grams/m		On-Board Refueling Vapor Recovery (grams/gallon) @ UL			
Lyaporanyo vay	CERT	STD	CERT	STD	CERT	STD	CERT	STD		
6BYTE0000000	•	*	•	*	*	•	•	*		
•	*	*	•	*	*	* .	*	*		
•	•	•	•	*	*	*		*		
*		•	*	•	*	*	*	*		

<sup>\* =</sup> not applicable; UL=useful life; PC=passenger car; LDT=light-duty truck; MDV=medium-duty vehicle; ECS= Emission Control System; STD= Standard; CERT= Certification; LVW=loaded vehicle weight; ALVW=adjusted LVV; LEV=low emission vehicle; TLV=transitional LEV; ULEV=ultra LEV; SULEV=super ULEV; TWC=3-way catalyst; ADSTWC=adsorbing TWC; WU=warm-up catalyst; OC=oxidizing catalyst; O2S=oxygen sensor; HO2S=heated O2S; AFS/HAFS=air- fuel ratio sensor / heated AFS; EGR=exhaust gas recirculation; AIR=secondary air injection; PAIR=pulsed AIR; MFI= multiport fuel injection; SFI=sequential MFI; TBI=throttle body injection; TC/SC= turbo/super charger; CAC=charge air cooler; OBD (FVP)=full/partial on-board diagnostic; DOR=direct ozone reducing; prefix 2=parallel; (2) suffix=series; CNG/LNG= compressed/liquefied natural gas; LPG=liquefied petroleum gas; E85="85%" Ethanol Fuel

## 2006 MODEL YEAR: VEHICLE MODELS INFORMATION

MAKE	MODEL	MODEL EVAPORATIVE FAMILY ECS SIZE (*		IN- COMP (*=N/A or A/E=ex	MEDIATE USE LIANCE full in-use; h. / evap. late in-use)	PHASE-IN STD.	OBD 11	
			ļ		EXH	EVAP		
BAYTECH	G3500 CHEVY VAN CONV	6BYTE0000000	1	6	*	*	*	Full
BAYTECH	G3500 EXPRESS VAN	6BYTE0000000	1	6	•	*	*	Full
BAYTECH	G3500 SAVANA CARGO CONV	6BYTE0000000	1	6	*	*	•	Full
BAYTECH	G3500 SAVANA PASS VAN	6BYTE0000000	1	6	•	*	•	Full
BAYTECH	G3500 CHEVY VAN	6BYTE0000000	1	6	•	•	•	Full
BAYTECH	G3500 SAVANA CARGO	6BYTE0000000	1	6		*	•	Full
BAYTECH	G1500/2500 CHEVY VAN	6BYTE0000000	1	6		•	*	Full
BAYTECH	G1500/2500 SAVANA PASS	6BYTE0000000	1	6	*	*	*	Fuil
BAYTECH	G1500/2500 SAVANA CARGO	6BYTE0000000	1	6	•	•	*	Full
BAYTECH	G1500/2500 SAVANA CARGO CONV	6BYTE0000000	1	6	•		*	Full
BAYTECH	G1500/2500 CHEVY VAN CONV	6BYTE0000000	1	6	*	*	•	Full
BAYTECH	G1500/2500 EXPRESS	6BYTE0000000	1	6	•	•	•	Full