

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapters 1 and 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the following equipment produced by the manufacturer is certified as described below. Production equipment shall be in all material respects the same as those for which certification is granted.

		ENGINE	DESCRIPTION						
	MANUFACTURER	ENGINE FAM	ILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)				
CUM	MINS POWER GENERATION	AN5XS.6532	GG (U-U-008-0183) GG (U-U-008-0193) 2GI (U-U-008-0194)	653	Gasoline				
* TBC = To	Be Certified	EQUIPMEN	IT DESCRIPTION						
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION						
2010	CM8	See Attachments	achments Generator Set and Refueling/Transfer Pu						
EMISSION	CONTROL SYSTEMS (ECS)	EQUIPMENT MODEL							
Cart	oon Canister, Metal Tank	See Attachments							
Metal=M Tre	eated HDPE or PE=P Co-extruded=C	Selar=L Nylon=N Acetal=A	Other=O B. EVAPORATIVE	FAMILY 2-Lette	ther=0 2. <u>Tank Barrier Type and Code</u> r CODE (Venting Control Codes =C, S, O Do not use abbreviations for ECS types				

The following are the evaporative emission standards (Title 13, California Code of Regulations, 13 CCR Section 2754(a) or 2754(b), as applicable), and certification levels in grams per day (g/day) or grams per square meter per day (g/m²/day) or grams per liter (g/l) for this evaporative family or the component Executive Order, as applicable. The running loss emissions control has been demonstrated by the manufacturer.

*=not applicable	PERFORMANCE BASED (grams HC/day)								
STANDARD	EVAPORATIVE MODEL EMISSION LIMIT (EMEL)	EVAPORATIVE FAMILY EMISSION LIMIT DIFFERENTIAL (EFELD)	CERTIFICATION LEVEL						
1.20 + 0.056*tank vol. (Liter)	*	*	2.2						

BE IT FURTHER RESOLVED: That the evaporative model emission limit (EMEL), as applicable, is the diurnal emissions level declared by the manufacturer based on diurnal test results for a worst-case engine or equipment model within an evaporative family. No engine or equipment emissions within the evaporative family could be closer to its respective standard than the evaporative family emission limit differential (EFELD) calculated from the declared EMEL for the worst-case engine or equipment.

BE IT FURTHER RESOLVED: That the evaporative family emission limit differential (EFELD), as applicable, is an emission level differential between the effective standard level for a specific model representing the entire evaporative family and the EMEL declared for the specific model and is for use in the averaging and banking program. It serves as the applicable evaporative emission standard for determining compliance on a corporate average basis of any equipment within this evaporative family under 13 CCR Sections 2754.1(e).

BE IT FURTHER RESOLVED: That for the listed equipment, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with 13 CCR Section 2759 (labeling) and 13 CCR Sections 2760 and 2764 (emission control system warranty).

Equipment certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Equipment in this family that is produced for any other model-year is not covered by this Executive Order.

This Executive Order hereby supersedes Executive Order U-U-140-0015 dated December 16, 2009.

Executed at El Monte. California on this

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day of February 2010.

Annette Hebert, Chief Mobile Source Operations Division

Small Off-Road Evaporative Certification Database Form (Supplementary Information)

MODEL SUMMARY

4-4-140-0015-1

SI.	S2.		S3.		S4.	. S5.		S6.	S7.	S8.	S9.	S10.	S11.	S12.	S13.	S14.
Worst Case (Check	Engine or Equipment Model	Sales Codes (check all appropriate)		Engine Class (I or	Fuel System (FI or	Fuel Tank Vol. (Liters)		Fuel Tank Internal Surface	Fuel Line Type	Nominal Fuel Line Length ⁽¹⁾	Fuel Line Inside	Exhaust Family	Fuel Tank Executive Order	Fuel Line Executive Order	Carbon Canister or Other Venting	
One)		CA Only	49- State	50- State	II)	(CARB)	Total	Nominal	Area (m ²)		(mm)	Diameter (mm)		Oluci		Control Executive Order
	ELC36ON5.5			1	11	CARB	138.02	130.74	2.43	Multi- layer	10058.4	6.35	9N5XS.6532GG AN5XS.6532GG AN5XS.653GI	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-017
	FW18AON5.5			1	II	CARB	77.74	73.58	1.37	Multi- layer	10058.4	6.35	9N5XS.6532GG AN5XS.6532GG AN5XS.653GI	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-015a Q-07-016 Q-07-017
	FW18BON5.5			1	II	CARB	73.5	69.66	1.49	Multi- layer	10058.4	6.35	9N5XS.6532GG AN5XS.6532GG AN5XS.653GI	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-015a Q-07-016 Q-07-017
	FLW20ON5.5			/	II	CARB	83.4	79	1.59	Multi- layer	10058.4	6.35	9N5XS.6532GG AN5XS.6532GG AN5XS.653GI	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-015a Q-07-016 Q-07-017
	FW30AON5.5			/	II	CARB	124.94	118.37	2.28	Multi- layer	10058.4	6.35	9N5XS.6532GG AN5XS.6532GG AN5XS.653GI	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-016 Q-07-017
	FW30BON5.5		_	/	11	CARB	127.42	120.75	2.20	Multi- layer	10058.4	6.35	9N5XS.6532GG AN5XS.6532GG AN5XS.653GI	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-016 Q-07-017
	FR34ON5.5			1	II _	CARB	129.76	122.95	2.06	Multi- layer	10058.4	6.35	9N5XS.6532GG AN5XS.6532GG AN5XS.653GI	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-016 Q-07-017
	FR170N5.5			1	II	CARB	66.85	57.34	1.36	Multi- layer	10058.4	6.35	9N5XS.6532GG AN5XS.6532GG AN5XS.653GI	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-015a Q-07-016 Q-07-017
	MP30ON5.5			1	11	CARB	127.79	121.01	2.56	Multi- layer	10058.4	6.35	9N5XS.6532GG AN5XS.6532GG AN5XS.653GI	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-016 Q-07-017
	MP18ON5.5			/	II	CARB	63.89	60.49	1.47	Multi- layer	10058.4	6.35	9N5XS.6532GG AN5XS.6532GG AN5XS.653GI	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-015a Q-07-016 Q-07-017

ATTACILHEUT Rg Zofz U-U-140-0015-1 9N5XS.6532GG O-09-019 O-07-016 Multi-Exempt 1.99 10058.4 O-09-022 WW300N5.5 II CARB 121.13 114.77 6.35 AN5XS.6532GG Q-07-017 layer Metal G-05-018 AN5XS.653GI 9N5XS.6532GG O-09-019 Exempt O-07-016 Multi-0-09-022AN5XS.6532GG WW30SON5.5 II CARB 118.72 112.46 1.91 10058.4 6.35 Q-07-017 layer Metal G-05-018 AN5XS.653GI 9N5XS.6532GG O-09-019 O-07-016 Multi-Exempt O-09-0221 WW400N5.5 161.52 153.03 2.59 10058.4 AN5XS.6532GG H **CARB** 6.35 layer Metal O-07-017 G-05-018 AN5XS.653GI 9N5XS.6532GG O-09-019 O-07-016 Multi-Exempt O-09-022 AN5XS.6532GG IND300N5.5 II CARB 115.03 108.98 2.12 10058.4 6.35 O-07-017 layer Metal G-05-018 AN5XS.653GI 9N5XS.6532GG O-09-019 O-07-015a Multi-Exempt O-09-022 IND18ON5.5 II **CARB** 76.69 72.56. 1.57 10058.4 6.35 AN5XS.6532GG Q-07-016 Metal layer G-05-018 AN5XS.653GI O-07-017 9N5XS.6532GG O-09-019 Q-07-016 Multi-Exempt VIN25ON5.5 II **CARB** 96.23 6.35 AN5XS.6532GG O-09-022 91.15 1.73 10058.4 O-07-017 Metal layer G-05-018 AN5XS.653GI 9N5XS.6532GG O-09-019 O-07-015a Multi-Exempt 6.35 O-09-022 O-07-016 NM22ON5.5 II **CARB** 86.5 81.93 1.21 10058.4 AN5XS.6532GG layer Metal G-05-018 AN5XS.653GI O-07-017 O-09-019 9N5XS.6532GG O-07-015a Multi-Exempt O-09-022 NM200N5.5 II **CARB** 78.01 73.91 1.21 10058.4 6.35 AN5XS.6532GG O-07-016 layer Metal G-05-018 AN5XS.653GI O-07-017 9N5XS.6532GG O-09-019 Multi-Exempt O-09-022 MR400N5.5 II **CARB** 157.57 149.31 2.43 10058.4 6.35 AN5XS.6532GG O-07-017 layer Metal G-05-018 AN5XS.653GI 9N5XS.6532GG O-09-019 O-07-015a Multi-Exempt O-09-022 SE200N5.5 II CARB 81.30 77.02 1.65 10058.4 6.35 AN5XS.6532GG O-07-016 layer Metal G-05-018 AN5XS.653GI Q-07-017 9N5XS.6532GG O-09-019 O-07-016 Multi-Exempt O-09-022 SE25ON5.5 II **CARB** 100.65 95.36 1.90 10058.4 6.35 AN5XS.6532GG Q-07-017 layer Metal G-05-018 AN5XS.653GI 9N5XS.6532GG O-09-019 O-07-015a Multi-Exempt JC20ON5.5 II **CARB** 81.76 77.66 1.58 10058.4 AN5XS.6532GG Q-09-022 6.35 O-07-016 layer Metal G-05-018 AN5XS.653GI O-07-017 9N5XS.6532GG O-09-019 Q-07-016 Multi-Exempt Q-09-022 JC270N5.5 Π CARB 102.2 97.09 1.83 10058.4 AN5XS.6532GG 6.35 O-07-017 layer Metal AN5XS.653GI G-05-018 9N5XS.6532GG O-09-019 Multi-Exempt Q-09-022 JC350N5.5 II **CARB** 135.32 128.55 AN5XS.6532GG 2.24 10058.4 O-07-017 6.35 layer Metal AN5XS.653GI G-05-018 9N5XS.6532GG O-09-019 Q-07-016 Multi-Exempt AN5XS.6532GG O-09-022 JC300N5.5 Π CARB 119.88 112.04 2.02 10058.4 6.35 layer Metal O-07-017 AN5XS.653GI G-05-018