

## STANDARD TECHNOLOGIES

EXECUTIVE ORDER U-U-148-0016 New Off-Road Small Spark-Ignition Equipment

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 FAN	IILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)				
CUM	MINS POWER GENERATION		.6532GG (TBC) .6532GI (TBC)	653 653	Gasoline				
TBC = To B	e Certified	EQUIPMEN	IT DESCRIPTION		·				
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION						
2011	CM1035P	See Attachment	Gene	erator Set with	h Refueling Pump				
EMISSION	CONTROL SYSTEMS (ECS)		ENGINE and/or i	EQUIPMENT I	MODEL				
	Canister / Metal	See Attachment							
Metal=M Tr	eated HDPE or PE=P Co-extruded=C :	Selar=L Nylon=N Acetal=A	Other=O B. EVAPORATIVE	FAMILY 2-Lette	other=O 2. <u>Tank Barrier Type and Code</u> or CODE (Venting Control Codes =C, S, C 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 FAMILY EMISSION LIMIT DIFFERENTIAL (EFELD)	EVAPORATIVE MODEL EMISSION LIMIT (EMEL)	CERTIFICATION LEVEL						
1.20 + 0.056*Tank Vol. (L)	*	*	3.3						

**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 it's 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.

Executed at El Monte, California on this \_\_\_\_\_\_\_

\* The Tek

day of November 2010

Annette Hebert, Chief Mobile Source Operations Division Attachment 1 of 1

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

## MODEL SUMMARY

S1.	S2.		S3.		S4.	S5.	5	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	Fuel Line Type	Nominal Fuel Line	Fuel Line Inside	Exhaust Family	Fuel Tank Executive	Fuel Line Executive Order	Carbon Canister or Other	
One)		CA Only	49- State	50- State	II)	CARB)	Total	Nominal	Surface Area (m²)		Length <sup>(1)</sup> (mm)	Diameter (mm)		Order		Venting Control Executive Order
	ST14P			X	II	CARB	52.99	50.34	.8732	Multi Layer	10668	6.35	BN5XS.6532GG BN5XS.6532GI	Exempt	G-05-018	Q-07- 016
	ST15P			х	II	CARB	68.13	64.72	1.4492	Multi Layer	10668	6.35	BN5XS.6532GG BN5XS.6532GI	Exempt	G-05-018	Q-07- 016
	ST16P			Х	II	CARB	113.56	107.88	1.9788	Multi Layer	10668	6.35	BN5XS.6532GG BN5XS.6532GI	Exempt	G-05-018	Q-07- 016
	ST17P			X	II	CARB	113.56	107.88	1.9788	Multi Layer	10668	6.35	BN5XS.6532GG BN5XS.6532GI	Exempt	G-05-018	Q-07- 016
	ST19P			X	II	CARB	75.70	71.92	1.4771	Multi Layer	10668	6.35	BN5XS.6532GG BN5XS.6532GI	Exempt	G-05-018	Q-07- 016
	ST20P			X	II	CARB	98.42	93.50	1.8116	Multi Layer	10668	6.35	BN5XS.6532GG BN5XS.6532GI	Exempt	G-05-018	Q-07- 016
	ST21P			X	II	CARB	113.56	107.88	1.9788	Multi Layer	10668	6.35	BN5XS.6532GG BN5XS.6532GI	Exempt	G-05-018	Q-07- 016
X	ST22P			X	II	CARB	113.56	107.88	2.4805	Multi Layer	10668	6.35	BN5XS.6532GG BN5XS.6532GI	Exempt	G-05-018	Q-07- 016
	ST24P			Х	II	CARB	90.8498	86.31	1.7558	Multi Layer	10668	6.35	BN5XS.6532GG BN5XS.6532GI	Exempt	G-05-018	Q-07- 016