

STANDARD TECHNOLOGIES

EXECUTIVE ORDER U-U-148-0017 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 D	DESCRIPTION						
	MANUFACTURER	ENGINE FAMI	LY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleur gas)				
CUM	MINS POWER GENERATION	BN5XS.6	532GG (TBC) 5532GI (TBC) 5042GG (TBC)	653 653 304	Gasoline				
TBC = To B	Attachment e Certified		T DESCRIPTION						
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION						
2011	CM1035S	See Attachment Generator Set							
EMISSION	CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL							
	Canister / Metal	See Attachment							
Meta!=M Tr	eated HDPE or PE=P Co-extruded=C	Selar=L Nylon=N Acetal=A	Other=O B. EVAPORATIVE	FAMILY 2-Lette	ther=O 2. <u>Tank Barrier Type and Code</u> r 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	not applicable DESIGN BASED											
	OSE PERMEATION ams ROG/m²/day)		ANK PERMEATION ams ROG/m²/day)	CARBON CANISTER BUTANE WORKING CAPACITY (grams HC/liter)								
STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD CERTIFICATION LEVI OR EXECUTIVE ORDI								
15	G-05-018	2.5	*	1.4	Q-07-016							

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 ______ 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.	S6.		S7.	S8.	S9.	S10.	S11.	S12.	S13.	S14.
Worst Case (Check One)	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	
		CA Only	49- State	50- State	II)	CARB)	Total	Nominal	Surface Area (m²)		Length ⁽¹⁾ (mm)	Diameter (mm)		Order		Venting Control Executive Order
	ST14			X	II	CARB	52.99	50.34	.8732	Multi Layer	10668	6.35	BN5XS.6532GG BN5XS.6532GI BN5XS.3042GG	Exempt	G-05-018	Q-07- 016
	ST15			X	II	CARB	68.13	64.72	1.4492	Multi Layer	10668	6.35	BN5XS.6532GG BN5XS.6532GI BN5XS.3042GG	Exempt	G-05-018	Q-07- 016
	ST16			X	II	CARB	113.56	107.88	1.9788	Multi Layer	10668	6.35	BN5XS.6532GG BN5XS.6532GI BN5XS.3042GG	Exempt	G-05-018	Q-07- 016
	ST17			X	II	CARB	113.56	107.88	1.9788	Multi Layer	10668	6.35	BN5XS.6532GG BN5XS.6532GI BN5XS.3042GG	Exempt	G-05-018	Q-07- 016
	ST19			X	II	CARB	75.70	71.92	1.4771	Multi Layer	10668	6.35	BN5XS.6532GG BN5XS.6532GI BN5XS.3042GG	Exempt	G-05-018	Q-07- 016
	ST20			X	II	CARB	98.42	93.50	1.8116	Multi Layer	10668	6.35	BN5XS.6532GG BN5XS.6532GI BN5XS.3042GG	Exempt	G-05-018	Q-07- 016
	ST21			X	II	CARB	113.56	107.88	1.9788	Multi Layer	10668	6.35	BN5XS.6532GG BN5XS.6532GI BN5XS.3042GG	Exempt	G-05-018	Q-07- 016
X	ST22			X	II	CARB	113.56	107.88	2.4805	Multi Layer	10668	6.35	BN5XS.6532GG BN5XS.6532GI BN5XS.3042GG	Exempt	G-05-018	Q-07- 016
	ST24			X	11	CARB	90.8498	86.31	1.7558	Multi Layer	10668	6.35	BN5XS.6532GG BN5XS.6532GI BN5XS.3042GG	Exempt	G-05-018	Q-07- 016