California Environmental Protection Agency **Air Resources Board**	**STANDARD TECHNOLOGIES**	**EXECUTIVE ORDER U-U-148-0031** 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-14-012;

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 FAMILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)
CUMMINS POWER GENERATION	FN5XS.6532CC (U-U-008-0261) FN5XS.6532IC (U-U-008-0262) FN5XS.3042CC (U-U-008-0259)	653, 304	Gasoline

S.A. = See Attachment
TBC = To Be Certified

EQUIPMENT DESCRIPTION

MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2015	CM1035S	See Attachment	Generator Set

EMISSION CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL
Canister / Metal	See Attachment

A. **ECS TYPE** (Venting Control Type/Tank Barrier Type): 1. Venting Control Type and Code:- Canister=C Sealed Tank=S Other=O 2. Tank Barrier Type and Code:- Metal=M Treated HDPE or PE=P Co-extruded=C Selar=L Nylon=N Acetal=A Other=O B. **EVAPORATIVE FAMILY 2-Letter CODE** (Venting Control Codes =C, S, O); (Tank Barrier Codes = M, P, C, L, N, A, O). **Note**: Always list venting control type or code first before tank barrier type or code. 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/m^2/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	DESIGN BASED				
FUEL HOSE PERMEATION (grams ROG/m^2/day)		FUEL TANK PERMEATION (grams ROG/m^2/day)		CARBON CANISTER BUTANE WORKING CAPACITY (grams HC/liter)	
STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER
15	G-05-018, C-U-07-019, Q-09-022, Q-09-019A	1.5	*	1.4	Q-07-017, Q-07-016, Q-07-015B, Q-07-014, Q-07-013A

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 1 day of December 2014.

Annette Hebert, Chief
Emissions Compliance, Automotive Regulations and Science Division

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RC1: 1-26-15

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

MODEL SUMMARY

S1. Worst Case (Check One)	S2. Engine or Equipment Model	S3. Sales Codes (check all appropriate)			S4. Engine Class (I or II)	S5. Fuel System (FI or CARB)	S6. Fuel Tank Vol. (Liters)		S7. Fuel Tank Internal Surface Area (m^2)	S8. Fuel Line Type	S9. Nominal Fuel Line Length[(1)] (mm)	S10. Fuel Line Inside Diameter (mm)	S11. Exhaust Family	S12. Fuel Tank Executive Order	S13. Fuel Line Executive Order	S14. Carbon Canister or Other Venting Control Executive Order
		CA Only	49-State	50-State			Total	Nominal								
	ST10			X	II	CARB	38.47	34.62	0.826	Multi Layer	10668	6.35	FN5XS.6532CC FN5XS.6532IC FN5XS.3042CC	Exempt	G-05-018 C-U-07-019 Q-09-022 Q-09-019A	Q-07-016 Q-07-015B Q-07-014 Q-07-013A
	ST11			X	II	CARB	76.96	69.26	1.376	Multi Layer	10668	6.35	FN5XS.6532CC FN5XS.6532IC FN5XS.3042CC	Exempt	G-05-018 C-U-07-019 Q-09-022 Q-09-019A	Q-07-016 Q-07-015B
	ST12			X	II	CARB	37.85	35.95	.7525	Multi Layer	10668	6.35	FN5XS.6532CC FN5XS.6532IC FN5XS.3042CC	Exempt	G-05-018 C-U-07-019 Q-09-022 Q-09-019A	Q-07-016 Q-07-015B Q-07-014 Q-07-013A
	ST13			X	II	CARB	73.48	66.13	0.871	Multi Layer	10668	6.35	FN5XS.6532CC FN5XS.6532IC FN5XS.3042CC	Exempt	G-05-018 C-U-07-019 Q-09-022 Q-09-019A	Q-07-016 Q-07-015B
	ST14			X	II	CARB	52.99	50.34	.8732	Multi Layer	10668	6.35	FN5XS.6532CC FN5XS.6532IC FN5XS.3042CC	Exempt	G-05-018 C-U-07-019 Q-09-022 Q-09-019A	Q-07-016 Q-07-015B Q-07-014 Q-07-013A
	ST15			X	II	CARB	68.13	64.72	1.4492	Multi Layer	10668	6.35	FN5XS.6532CC FN5XS.6532IC FN5XS.3042CC	Exempt	G-05-018 C-U-07-019 Q-09-022 Q-09-019A	Q-07-016 Q-07-015B
	ST16			X	II	CARB	113.56	107.88	1.9788	Multi Layer	10668	6.35	FN5XS.6532CC FN5XS.6532IC FN5XS.3042CC	Exempt	G-05-018 C-U-07-019 Q-09-022 Q-09-019A	Q-07-016
	ST17			X	II	CARB	113.56	107.88	1.9788	Multi Layer	10668	6.35	FN5XS.6532CC FN5XS.6532IC FN5XS.3042CC	Exempt	G-05-018 C-U-07-019 Q-09-022 Q-09-019A	Q-07-016

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	ST18			X	II	CARB	152.28	137.05	2.470	Multi Layer	10668	6.35	FN5XS.6532CC FN5XS.6532IC FN5XS.3042CC	Exempt	G-05-018 C-U-07-019 Q-09-022 Q-09-019A	Q-07-016 Q-07-017
	ST19			X	II	CARB	75.70	71.92	1.4771	Multi Layer	10668	6.35	FN5XS.6532CC FN5XS.6532IC FN5XS.3042CC	Exempt	G-05-018 C-U-07-019 Q-09-022 Q-09-019A	Q-07-016 Q-07-015B
	ST20			X	II	CARB	98.42	93.50	1.8116	Multi Layer	10668	6.35	FN5XS.6532CC FN5XS.6532IC FN5XS.3042CC	Exempt	G-05-018 C-U-07-019 Q-09-022 Q-09-019A	Q-07-016
	ST21			X	II	CARB	113.56	107.88	1.9788	Multi Layer	10668	6.35	FN5XS.6532CC FN5XS.6532IC FN5XS.3042CC	Exempt	G-05-018 C-U-07-019 Q-09-022 Q-09-019A	Q-07-016
X	ST22			X	II	CARB	113.56	107.88	2.4805	Multi Layer	10668	6.35	FN5XS.6532CC FN5XS.6532IC FN5XS.3042CC	Exempt	G-05-018 C-U-07-019 Q-09-022 Q-09-019A	Q-07-016
	ST24			X	II	CARB	90.8498	86.31	1.7558	Multi Layer	10668	6.35	FN5XS.6532CC FN5XS.6532IC FN5XS.3042CC	Exempt	G-05-018 C-U-07-019 Q-09-022 Q-09-019A	Q-07-016 Q-07-015B

(1) The nominal fuel line lengths can be grouped into increment of ± 3 inches (76 mm)