California Environmental Protection Agency AIR RESOURCES BOARD	ECI FUEL SYSTEMS	EXECUTIVE ORDER U-U-140-0007 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 FAMILY (E.O. NUMBER)**	**ENGINE SIZE (cc)**	**FUEL TYPE** (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)
GENERAC POWER SYSTEMS	8GNXS.4072GA (U-U-027-0171) 8GNXS.5302GC (U-U-027-0172) 8GNXS.7632GA (U-U-027-0174)	407 530 763	Gasoline

*** TBC = To Be Certified**

EQUIPMENT DESCRIPTION			
MODEL YEAR	**EVAPORATIVE FAMILY**	**FUEL TANK SIZE (liters)**	**EQUIPMENT APPLICATION**
2008	CM08GN	See Attachments	Generator Set and Refueling/Transfer Pump
EMISSION CONTROL SYSTEMS (ECS)		**EQUIPMENT MODEL**	
Carbon Canister/Metal Tank		See Attachments	

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 Sefar=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**	**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. (liters)	N/A	N/A	1.7

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 17 day of April 2008.

Annette Hebert

Annette Hebert, Chief
Mobile Source Operations Division

ATTACHMENT Pg 1 of 2

U-U-140-0007

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											
	AL17GN53 AL17GN76 AL17GN41			X X X	II II II	CARB CARB CARB	64.33 64.33 64.33	1.348 1.348 1.348	Multi-Layer	10058.4 10058.4 10058.4	6.35 6.35 6.35	8N5XS.5302GC 8N5XS.7602GA 8N5XS.4072GA	Exempt Metal	C-U-07-017 C-U-07-017 C-U-07-017	Q-07-016 Q-07-016 Q-07-016
	ELC18GN53 ELC18GN76 ELC18GN41			X X X	II II II	CARB CARB CARB	68.11 68.11 68.11	1.316 1.316 1.316	Multi-Layer	10058.4 10058.4 10058.4	6.35 6.35 6.35	8N5XS.5302GC 8N5XS.7602GA 8N5XS.4072GA	Exempt Metal	C-U-07-017 C-U-07-017 C-U-07-017	Q-07-016 Q-07-016 Q-07-016
	ELC36GN53 ELC36GN76 ELC36GN41			X X X	II II II	CARB CARB CARB	137.98 137.98 137.98	2.430 2.430 2.430	Multi-Layer	10058.4 10058.4 10058.4	6.35 6.35 6.35	8N5XS.5302GC 8N5XS.7602GA 8N5XS.4072GA	Exempt Metal	C-U-07-017 C-U-07-017 C-U-07-017	Q-07-017 Q-07-017 Q-07-017
	FLW20GN53 FLW20GN76 FLW20GN41			X X X	II II II	CARB CARB CARB	91.36 91.36 91.36	1.744 1.744 1.744	Multi-Layer	10058.4 10058.4 10058.4	6.35 6.35 6.35	8N5XS.5302GC 8N5XS.7602GA 8N5XS.4072GA	Exempt Metal	C-U-07-017 C-U-07-017 C-U-07-017	Q-07-016 Q-07-016 Q-07-016
	FLW30BGN53 FLW30BGN76 FLW20BGN41			X X X	II II II	CARB CARB CARB	124.91 124.91 124.91	2.282 2.282 2.282	Multi-Layer	10058.4 10058.4 10058.4	6.35 6.35 6.35	8N5XS.5302GC 8N5XS.7602GA 8N5XS.4072GA	Exempt Metal	C-U-07-017 C-U-07-017 C-U-07-017	Q-07-016 Q-07-016 Q-07-016
	FLW30AGN53 FLW30AGN76 FLW30AGN41			X X X	II II II	CARB CARB CARB	127.41 127.41 127.41	2.200 2.200 2.200	Multi-Layer	10058.4 10058.4 10058.4	6.35 6.35 6.35	8N5XS.5302GC 8N5XS.7602GA 8N5XS.4072GA	Exempt Metal	C-U-07-017 C-U-07-017 C-U-07-017	Q-07-016 Q-07-016 Q-07-016

U-U-140-0007

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

	FLW20GN53			X	II	CARB	77.71	1.583	Multi-Layer	10058.4	6.35	8N5XS.5302GC	Exempt Metal	C-U-07-017	Q-07-016
	FLW20GN76			X	II	CARB	77.71	1.583		10058.4	6.35	8N5XS.7602GA		C-U-07-017	Q-07-016
	FLW20GN41			X	II	CARB	77.71	1.583		10058.4	6.35	8N5XS.4072GA		C-U-07-017	Q-07-016
	FR18GN53			X	II	CARB	66.83	2.023	Multi-Layer	10058.4	6.35	8N5XS.5302GC	Exempt Metal	C-U-07-017	Q-07-016
	FR18GN76			X	II	CARB	66.83	2.023		10058.4	6.35	8N5XS.7602GA		C-U-07-017	Q-07-016
	FR18GN41			X	II	CARB	66.83	2.023		10058.4	6.35	8N5XS.4072GA		C-U-07-017	Q-07-016
	FR34GN53			X	II	CARB	129.73	2.067	Multi-Layer	10058.4	6.35	8N5XS.5302GC	Exempt Metal	C-U-07-017	Q-07-016
	FR34GN76			X	II	CARB	129.73	2.067		10058.4	6.35	8N5XS.7602GA		C-U-07-017	Q-07-016
	FR34GN41			X	II	CARB	129.73	2.067		10058.4	6.35	8N5XS.4072GA		C-U-07-017	Q-07-016
	TH30GN53			X	II	CARB	127.676	2.567	Multi-Layer	10058.4	6.35	8N5XS.5302GC	Exempt Metal	C-U-07-017	Q-07-016
	TH30GN76			X	II	CARB	127.676	2.567		10058.4	6.35	8N5XS.7602GA		C-U-07-017	Q-07-016
	TH30GN41			X	II	CARB	127.676	2.567		10058.4	6.35	8N5XS.4072GA		C-U-07-017	Q-07-016
	TH18 GN53			X	II	CARB	63.89	1.477	Multi-Layer	10058.4	6.35	8N5XS.5302GC	Exempt Metal	C-U-07-017	Q-07-016
	TH18GN76			X	II	CARB	63.89	1.477		10058.4	6.35	8N5XS.7602GA		C-U-07-017	Q-07-016
	TH18GN41			X	II	CARB	63.89	1.477		10058.4	6.35	8N5XS.4072GA		C-U-07-017	Q-07-016
	WW30SGN53			X	II	CARB	118.71	1.918	Multi-Layer	10058.4	6.35	8N5XS.5302GC	Exempt Metal	C-U-07-017	Q-07-016
	WW30SGN76			X	II	CARB	118.71	1.918		10058.4	6.35	8N5XS.7602GA		C-U-07-017	Q-07-016
	WW30SGN41			X	II	CARB	118.71	1.918		10058.4	6.35	8N5XS.4072GA		C-U-07-017	Q-07-016
	WW30GN53			X	II	CARB	121.13	1.991	Multi-Layer	10058.4	6.35	8N5XS.5302GC	Exempt Metal	C-U-07-017	Q-07-016
	WW30GN76			X	II	CARB	121.13	1.991		10058.4	6.35	8N5XS.7602GA		C-U-07-017	Q-07-016
	WW30GN41			X	II	CARB	121.13	1.991		10058.4	6.35	8N5XS.4072GA		C-U-07-017	Q-07-016
X	WW40GN53			X	II	CARB	161.48	2.592	Multi-Layer	10058.4	6.35	8N5XS.5302GC	Exempt Metal	C-U-07-017	Q-07-017
	WW40GN76			X	II	CARB	161.48	2.592		10058.4	6.35	8N5XS.7602GA		C-U-07-017	Q-07-017
	WW40GN41			X	II	CARB	161.48	2.592		10058.4	6.35	8N5XS.4072GA		C-U-07-017	Q-07-017
	FRIN30GN53			X	II	CARB	117.92	2.125	Multi-Layer	10058.4	6.35	8N5XS.5302GC	Exempt Metal	C-U-07-017	Q-07-016
	FRIN30GN76			X	II	CARB	117.92	2.125		10058.4	6.35	8N5XS.7602GA		C-U-07-017	Q-07-016
	FRIN30GN41			X	II	CARB	117.92	2.125		10058.4	6.35	8N5XS.4072GA		C-U-07-017	Q-07-016
	FRIN18GN53			X	II	CARB	76.63	1.63	Multi-Layer	10058.4	6.35	8N5XS.5302GC	Exempt Metal	C-U-07-017	Q-07-016
	FRIN18GN76			X	II	CARB	76.63	1.63		10058.4	6.35	8N5XS.7602GA		C-U-07-017	Q-07-016
	FRIN18GN41			X	II	CARB	76.63	1.63		10058.4	6.35	8N5XS.4072GA		C-U-07-017	Q-07-016