California Environmental Protection Agency AIR RESOURCES BOARD	ECI FUEL SYSTEMS	EXECUTIVE ORDER U-U-140-0024 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, INC	BGNXS.4072CC (U-U-027-0206) BGNXS.5302GC (U-U-027-0208) BGNXS.7632GA (U-U-027-0209)	407 530 763	Gasoline

TBC = To Be Certified

EQUIPMENT DESCRIPTION			
MODEL YEAR	**EVAPORATIVE FAMILY**	**FUEL TANK SIZE (liters)**	**EQUIPMENT APPLICATION**
2011	CM15	See Attachments	Generator Set and Refueling/Transfer Pump
EMISSION CONTROL SYSTEMS (ECS)		**ENGINE and/or 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 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	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)	3.21	= (STANDARD) – (EFELD)	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. 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.

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 28 day of January 2011.

Annette Hebert, Chief
Mobile Source Operations Division

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

MODEL SUMMARY

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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								
✓	ELC36GN41 ELC36GN53 ELC36GN76			✓	II	CARB	138.02	130.74	2.43	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-017
	FW18AGN41 FW18AGN53 FW18AGN76			✓	II	CARB	77.74	73.58	1.37	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-015a Q-07-016 Q-07-017
	FW18BGN41 FW18BGN53 FW18BGN76			✓	II	CARB	73.5	69.66	1.49	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-015a Q-07-016 Q-07-017
	FLW20GN41 FLW20GN53 FLW20GN76			✓	II	CARB	83.4	79	1.59	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-015a Q-07-016 Q-07-017
	FW30AGN41 FW30AGN53 FW30AGN76			✓	II	CARB	124.94	118.37	2.28	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-016 Q-07-017
	FW30BGN41 FW30BGN53 FW30BGN76			✓	II	CARB	127.42	120.75	2.20	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-016 Q-07-017
	FR34GN41 FR34GN53 FR34GN76			✓	II	CARB	129.76	122.95	2.06	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-016 Q-07-017
	FR17GN41 FR17GN53 FR17GN76			✓	II	CARB	66.85	57.34	1.36	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-015a Q-07-016 Q-07-017
	MP30GN41 MP30GN53 MP30GN76			✓	II	CARB	127.79	121.01	2.56	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-016 Q-07-017
	MP18GN41 MP18GN53 MP18GN76			✓	II	CARB	63.89	60.49	1.47	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-015a Q-07-016 Q-07-017

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	WW30GN41 WW30GN53 WW30GN76			✓	II	CARB	121.13	114.77	1.99	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-016 Q-07-017
	WW30SGN41 WW30SGN53 WW30SGN76			✓	II	CARB	118.72	112.46	1.91	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-016 Q-07-017
	WW40GN41 **WW40GN53** WW40GN76			✓	II	CARB	161.52	153.03	2.59	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-016 Q-07-017
	IND30GN41 IND30GN53 IND30GN76			✓	II	CARB	115.03	108.98	2.12	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-016 Q-07-017
	IND18GN41 IND18GN53 IND18GN76			✓	II	CARB	76.69	72.56.	1.57	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-015a Q-07-016 Q-07-017
	VIN25GN41 VIN25GN53 VIN25GN76			✓	II	CARB	96.23	91.15	1.73	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-016 Q-07-017
	NM22GN41 NM22GN53 NM22GN76			✓	II	CARB	86.5	81.93	1.21	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-015a Q-07-016 Q-07-017
	NM20GN41 NM20GN53 NM20GN76			✓	II	CARB	78.01	73.91	1.21	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-015a Q-07-016 Q-07-017
	MR40GN41 MR40GN53 MR40GN76			✓	II	CARB	157.57	149.31	2.43	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-017
	KS30GN41 KS30GN53 KS30GN76			✓	II	CARB	109.77	104.28	1.96	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-016 Q-07-017
	FR20GN41 FR20GN53 FR20GN76			✓	II	CARB	75.70	71.91	1.52	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-015a Q-07-016 Q-07-017
	SF20GN41 SF20GN53 SF20GN76			✓	II	CARB	74.30	70.58	1.29	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-015a Q-07-016 Q-07-017
	MM12AGN41 MM12AGN53 MM12AGN76			✓	II	CARB	45.42	43.14	.83	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-015a Q-07-016 Q-07-017
	MM12BGN41 MM12BGN53 MM12BGN76			✓	II	CARB	45.99	43.69	.94	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-015a Q-07-016 Q-07-017
	ON7GN41 ON7GN53 ON7GN76			✓	II	CARB	26.53	25.20	.55	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-013a

	ON14GN41 ON14GN53 ON14GN76			✓	II	CARB	55.72	52.93	.94	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-013a
	ON20aGN41 ON20aGN53 ON20aGN76			✓	II	CARB	76.95	73.10	1.21	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-015b
	ON10GN41 ON20aGN53 ON20aGN76			✓	II	CARB	38.98	37.03	.70	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-013a
	ON15GN41 ON15GN53 ON15GN76			✓	II	CARB	57.34	54.47	.95	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-013a
	ON20bGN41 ON20bGN53 ON20bGN76			✓	II	CARB	75.7	71.91	1.20	Multi-layer	10058.4	6.35	BGNXS.4072CC BGNXS.5302GC BGNXS.7632GA	Exempt Metal	Q-09-019 Q-09-022 G-05-018	Q-07-015b