EXECUTIVE ORDER U-U-123-0009 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 FAM	AILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=ljquefied petrolet gas)		
GENE	ERAC POWER SYSTEMS, INC.	See	Attachment	See Attachment	Gasoline		
CUM	IMINS POWER GENERATION	See	Attachment	See Attachment	Gasoline		
TBC = To B	e Certified	EQUIPMEI	NT DESCRIPTION				
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	E	PLICATION			

2011 CM100.212AA See Attachment Generator Set with Optional Refueling Pump Kit **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:

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/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)		= (STANDARD) - (EFELD)	1.9								

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. day of February 2011.

Executed at El Monte, California on this

. Duranes Annette Hebert, Chief

Mobile Source Operations Division

Attachment 1 of 3

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

GENERAC EQUIPMENT

2 1	. MO	DEL	STIN	rλfΔ	RΥ	
Э,	I. MU	レヒレ	SUL	IIVIA	1.7	

	MODEL SUMMAI	<u>K Y</u>			T	0.5	S5. S6.		S7.	S8.	S9.	S10.	S11.	S12.	S13.	S14.
S1.	S2.		S3.		S4.	S5.	2		37.	30.	35.	310.	. 511.	5.1-	~ 1	·
Worst Case (Check One)	Engine or Equipment Model	appropriate) C		Engine Class (I or II)	Fuel System (FI or		ank Vol. ters)	Fuel Tank Internal	Fuel Line Type	Nom. Fuel Line Length	Fuel Line Inside Diameter	Exhaust Family	Fuel Tank Executive Order	Fuel Line Executive Order	Carbon Canister or Other	
(One)	1410del	CA	49-	50-		CARB)	ļ		Surface		(mm)	(mm)			-	Venting Control EO
		Only	State	State			Max.	Nom.	Area (m2)	ĺ						Control Lo
<u> </u>	4.5CGKW9	 	 -	-x	iī	CARB	37.5	34.1	0.547		21133	7.9 to 38.1	AGNXS.5302GC			
1	5.5CGKW9			x	n	CARB	37.5	34.1	0.547	MULTI	21133	7.9 to 38.1	AGNXS.5302GC	METAL	C-U-06-030	Q-07-015
	6.5CGKW9	ļ		x	n i	CARB	37.5	34.1	0.547	LAYER	21333	7.9 to 38.1	AGNXS.5302GC	TANK	G-05-016	
1	7.5CGKW9	l		X	111	CARB	37.5	34.I	0.547		21333	7.9 to 38.1	AGNXS.7632GA			
	4.5CGKW15			Х	II	CARB	63.1	56.8	0.418		21133	7.9 to 38.1	AGNXS.5302GC	N ADDRESS OF	0.11.06.020	
1	5,5CGKW15			X	11	CARB	63.1	56.8	0.418	MULTI	21133	7.9 to 38.1	AGNXS.5302GC	METAL	C-U-06-030 G-05-016	Q-07-016
	6.5CGKW15			X	II	CARB	63.1	56.8	0.418	LAYER	21133	7.9 to 38.1	AGNXS,5302GC	TANK	0-03-010	
	7.5CGKW15			_x_	II	CARB	63.1	56.8	0.418	<u> </u>	21133	7.9 to 38.1	AGNXS.7632GA			
	4.5CGKW25			X	II	CARB	105.1	94.7	0.616	l	21133	7.9 to 38.1	AGNXS.5302GC	METAL	C-U-06-030	
	5.5CGKW25		ļ	X	II	CARB	105.1	94.7	0.616	MULTI	21133	7.9 to 38.1	AGNXS.5302GC AGNXS.5302GC	TANK	G-05-016	Q-07-016
	6.5CGKW25	ĺ		X	l II	CARB	105.1	94.7	0.616	LAYER	21333 21333	7.9 to 38.1 7.9 to 38.1	AGNXS.7632GA	IAIN	G-05-01 0	
	7.5CGKW25			X	11	CARB	105.1	94.7	0.616			7.9 to 38.1	AGNXS.5302GC			
	4.5CGKW30	ĺ		X	II .	CARB	126.2	113.6	0.725	A 77 17 207	21133 21133	7.9 to 38.1	AGNXS.5302GC	METAL	C-U-06-030	O-07-016
	5.5CGKW30	ļ .	}	X	II	CARB	126.2	113.6 113.6	0.725 0.725	MULTI LAYER	21133	7.9 to 38.1	AGNXS.5302GC	TANK	G-05-016	23,311
	6.5CGKW30			X	II	CARB	126.2 126.2	113.6	0.725	LAIEK	21333	7.9 to 38.1	AGNXS.7632GA			
X	7.5CGKW30	L	 _	X	II	CARB	_						AGNXS.5302GC			
1	4.5CGKW15R	ĺ	Ì	X) II	CARB	63.1	56.8	0.418	AGUAN	211 3 3 21133	7.9 to 38.1 7.9 to 38.1	AGNXS.5302GC	METAL	C-U-06-030	
	5.5CGKW15R		l	X	II	CARB	63.1	56.8 56.8	0.418 0.418	MULTI LAYER	21133	7.9 to 38.1	AGNXS.5302GC	TANK	G-05-016	Q-07-016
	6.5CGKW15R		į	X	l II	CARB CARB	63.1	56.8	0.418	LAIEK	21133	7.9 to 38.1	AGNXS.7632GA			ļ
	7.5CGKW15R			X	II						21133	7.9 to 38.1	AGNXS.5302GC			
	4.5CGKW25R			X	II	CARB	105.1	94.7	0.616	MULTI	21133	7.9 to 38.1	AGNXS.5302GC	METAL	C-U-06-030	0.07.016
	5.5CGKW25R		}	X	II .	CARB CARB	105.1 105.1	94.7 94 .7	0.616	LAYER	21133	7.9 to 38.1	AGNXS.5302GC	TANK	G-05-016	Q-07-016
	6.5CGKW25R			X	II II	CARB	105.1	94.7	0.616	PWIRK	21133	7.9 to 38.1	AGNXS.7632GA			
<u> </u>	7.5CGKW25R	 		$\frac{x}{x}$	II	CARB	126.2	113.6	0.725		21133	7.9 to 38.1	AGNXS.5302GC		C-U-06-030	
İ	4.5CGKW30R 5.5CGKW30R			X	II II	CARB	126.2	113.6	0.725	MULTI	21133	7.9 to 38.1	AGNXS.5302GC	METAL	G-05-016	Q-07-016
	6.5CGKW30R			x	II.	CARB	126.2	113.6	0.725	LAYER	21133	7.9 to 38.1	AGNXS.5302GC	TANK	0-03-010	
Í	7.5CGKW30R			x	11	CARB	126.2	113.6	0.725		21133	7.9 to 38.1	AGNXS.7632GA			<u>L</u>
	7.3CGRW30R		L													

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

Attachment 2 of 3

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

ONAN EQUIPMENT

\$1. MODEL SUMMARY (Use an asterisk (*) to identify worst-case equipment model used for certification testing.)

S1.	S2.		Š3.		S4.	S 5.		\$6.	S7.	S8.	S9.	S10.	S11.	S 12.	S13.	S14.
Worst Case (Check One)	Engine or Equipment Model		Codes (chappropriate		Engine Class (I or II)	Fuel System (FI or CARB)			Fuel Tank Internal Surface Area	Fuel Line Type	Nominal Fuel Line Length(1) (mm)	Fuel Line Inside Diameter (mm)	Exhaust Family	Fuel Tank Executive Order	Fuel Line Executive Order	Carbon Canister or Other Venting Control Executive
]	City	State	State			I WIDA.	140111.	(m2)							Order
	4.0CKW9 5.5CKW9 7.0EKW9			X X X	II II	CARB CARB FI	37.5 37.5 37.5	34.1 34.1 34.1	0.547 0.547 0.547	MULTI LAYER	1184 1184 1184	7.9 to 38.1 7.9 to 38.1 7.9 to 38.1	BN5XS.3042GG BN5XS.6532GG BN5XS.6532GI	METAL TANK	C-U-06-030 G-05-016	Q-07-015 Q-07-015 Q-07-015
	4.0CKW15 5.5CKW15 7.0EKW15			X X X	II II II	CARB CARB FI	63.1 63.1 63.1	56.8 56.8 56.8	0.418 0.418 0.418	MULTI LAYER	1184 1184 1184	7.9 to 38.1 7.9 to 38.1 7.9 to 38.1	BN5XS.3042GG BN5XS.6532GG BN5XS.6532GI	METAL TANK	C-U-06-030 G-05-016	Q-07-016 Q-07-016 Q-07-016
	4.0CKW25 5.5CKW25 7.0EKW25			X X X	II II II	CARB CARB FI	105.1 105.1 105.1	94.7 94.7 94.7	0.616 0.616 0.616	MULTI LAYER	1184 1184 1184	7.9 to 38.1 7.9 to 38.1 7.9 to 38.1	BN5XS.3042GG BN5XS.6532GG BN5XS.6532GI	METAL TANK	C-U-06-030 G-05-016	Q-07-016 Q-07-016 Q-07-016
	4.0CKW30 5.5CKW30 7.0EKW30			X X X	II II II	CARB CARB FI	126.2 126.2 126.2	113.6 113.6 113.6	0.725 0.725 0.725	MULTI LAYER	1184 1184 1184	7.9 to 38.1 7.9 to 38.1 7.9 to 38.1	BN5XS.3042GG BN5XS.6532GG BN5XS.6532GI	METAL TANK	C-U-06-030 G-05-016	Q-07-016 Q-07-016 Q-07-016
	4.0CKW15R 5.5CKW15R 7.0EKW15R			X X X	II II II	CARB CARB FI	63.1 63.1 63.1	56.8 56.8 56.8	0.418 0.418 0.418	MULTI LAYER	1184 1184 1184	7.9 to 38.1 7.9 to 38.1 7.9 to 38.1	BN5XS.3042GG BN5XS.6532GG BN5XS.6532GI	METAL TANK	C-U-06-030 G-05-016	Q-07-016 Q-07-016 Q-07-016
	4.0CKW25R 5.5CKW25R 7.0EKW25R			X X X	II II	CARB CARB FI	105.1 105.1 105.1	94.7 94.7 94.7	0.616 0.616 0.616	MULTI LAYER	1184 1184 1184	7.9 to 38.1 7.9 to 38.1 7.9 to 38.1	BN5XS.3042GG BN5XS.6532GG BN5XS.6532GI	METAL TANK	C-U-06-030 G-05-016	Q-07-016 Q-07-016 Q-07-016
	4.0CKW30R 5.5CKW30R 7.0EKW30R			X X X	II II	CARB CARB FI	126.2 126.2 126.2	113.6 113.6 113.6	0.725 0.725 0.725	MULTI LAYER	1184 1184 1184	7.9 to 38.1 7.9 to 38.1 7.9 to 38.1	BN5XS.3042GG BN5XS.6532GG BN5XS.6532GI	METAL TANK	C-U-06-030 G-05-016	Q-07-016 Q-07-016 Q-07-016

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

Attachment 3 of 3

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

ONAN EQUIPMENT

S1. MODEL SUMMARY (Use an asterisk (*) to identify worst-case equipment model used for certification testing.)

	MODEL BUMMA	ici (Osc		() 10 14	, ,											-																														
S1.	S2.				S4. Engine	S5.		66.	S7.	S8.	S9.	S10.	SI.1.	S12.	S13.	S14.																														
Worst Case	Engine or	Sales Codes (check all		Sales Codes (check all		Sales Codes (check all		Sales Codes (check all		Sales Codes (check all		Sales Codes (check all		Sales Codes (check all		Sales Codes (check all		Sales Codes (check all		Sales Codes (check all		Sales Codes (check all		Sales Codes (check all		Sales Codes (check all		Sales Codes (check all		Sales Codes (check all		Sales Codes (check all		Sales Codes (check all		Fuel	1	ank Vol.	Fuel Tank	Fuel	Nominal	Fuel Line	Exhaust Family	Fuel Tank	Fuel Line	Carbon
(Check	(Check Equipment		appropriate)			Class (I System		(Liters)		Line	Fuel Line	Inside		Executive	Executive	Canister or																														
One)	Model		1 40	1 50	or II)	(FI or			Internal	Type	Length(1)	Diameter		Order	Order	Other																														
		CA	49-	50-	1	CARB)			Surface	1	(mm)	(mm)				Venting																														
		Only	State	State	1	l	Max.	Nom.	Area		ļ					Control																														
									(m2)							Executive																														
			 													Order																														
	4.0CKW9			X	II	CARB	37.5	34.1	0.547	MULTI	1184	7.9 to 38.1	AN5XS.3042GG	METAL	C-U-06-030	Q-07-015																														
	5.5CKW9			X	l II	CARB	37.5	34.1	0.547	LAYER	1184	7.9 to 38.1	AN5XS.6532GG	TANK	G-05-016	Q-07-015																														
	7.0EKW9	ŀ		X	II	FI	37.5	34.1	0.547	LATER	1184	7.9 to 38.1	AN5XS.6532GI	/	G-03-010	Q-07-015																														
	4.0CKW30 ·			х	II	CARB	126.2	113.6	0.725	MULTI	1184	7.9 to 38.1	AN5XS,3042GG	METAL	C-U-06-030	Q-07-016																														
	5.5CKW30	ĺ		l x	l II	CARB	126.2	113.6	0.725	LAYER	1184	7.9 to 38.1	AN5XS.6532GG	TANK	G-05-016	Q-07-016																														
	7.0EKW30			X	l II	FI	126.2	113.6	0.725	LAIER	1184	7.9 to 38.1	AN5XS.6532GI		G-03-016	Q-07-016																														
	4.0CKW25			x	II	CARB	105.1	94.7	0,616	1 47 TV (T)	1184	7.9 to 38.1	AN5XS,3042GG	METAL	G ** 0 / 020	Q-07-016																														
	5.5CKW25			х	II	CARB	105.1	94.7	0.616	MULTI	1184	7.9 to 38.1	AN5XS.6532GG	TANK	C-U-06-030	Q-07-016																														
	7.0EKW25			X	II	FI	105.1	94.7	0.616	LAYER	1184	7.9 to 38.1	AN5XS.6532GI		G-05-016	Q-07-016																														
	4.0CKW15			х	II	CARB	63.1	56.8	0.418		1184	7.9 to 38.1	AN5XS.3042GG	METAL		Q-07-016																														
	5.5CKW15			x	II	CARB	63.1	56.8	0.418	MULTI	1184	7.9 to 38.1	AN5XS.6532GG	TANK	C-U-06-030	Q-07-016																														
	7.0EKW15			x	II	FI	63.1	56.8	0.418	LAYER	1184	7.9 to 38.1	AN5XS.6532GI		G-05-016	Q-07-016																														
	4.0CKW30R			х	II	CARB	126.2	113.6	0.725		1184	7.9 to 38.1	AN5XS.3042GG	METAL		Q-07-016																														
	5.5CKW30R			X	II II	CARB	126.2	113.6	0.725	MULTI	1184	7.9 to 38.1	AN5XS.6532GG	TANK	C-U-06-030	Q-07-016																														
	7.0EKW30R			X	II II	FI	126.2	113.6	0.725	LAYER	1184	7.9 to 38.1	AN5XS.6532GI		G-05-016	Q-07-016																														
	4.0CKW25R			Х	II	CARB	105.1	94.7	0.616		1184	7.9 to 38.1	AN5XS.3042GG	METAL		Q-07-016																														
	5.5CKW25R			X	II .	CARB	105.1	94.7	0.616	MULTI	1184	7:9 to 38.1	AN5XS.6532GG	TANK	C-U-06-030	Q-07-016																														
	7.0EKW25R			x	II	FI	105.1	94.7	0.616	LAYER	1184	7.9 to 38.1	AN5XS.6532GI		G-05-016	Q-07-016																														
	4.0CKW15R			X	II	CARB	63.1	56.8	0.418	Y CI IV COV	1184	7.9 to 38.1	AN5XS.3042GG	METAL	G 11 06 000	Q-07-016																														
	5.5CKW15R			X	II	CARB	63.1	56.8	0.418	MULTI	1184	7.9 to 38.1	ANSXS.6532GG	TANK	C-U-06-030	Q-07-016																														
	7.0EKW15R			x	ו זו ו	FI	63.1	56.8	0.418	LAYER	1184	7.9 to 38.1	AN5XS.6532GI		G-05-016	O-07-016																														

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