## **ECI FUEL SYSTEMS**

EXECUTIVE ORDER U-U-140-0109

New Off-Road Small Spark-Ignition

Equipment

Pursuant to the authority vested in California 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-19-095;

**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 INC.	NCEXS.2522IC ( PCEXS.2522IC (	,	252	Gasoline					
TBC = To Be Certified  EQUIPMENT DESCRIPTION										
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK NOMINAL CAPACITY (liters)	EQUIPMENT APPLICATION							
2023	EFSCM12	See Attachment	Generator Set and Pump							
EMISSION	SION CONTROL SYSTEMS (ECS) ENGINE and/or EQUIPMENT MODEL				T MODEL					
	СМ	See Attachment								
Metal=M Trea	A. ECS TYPE (Venting Control Type/Tank Barrier Type): 1. <u>Venting Control Type and Code</u> :- Canister=C Sealed Tank=S Other=O 2. <u>Tank Barrier Type and Code</u> :- Metal=M Treated HDPE or PE=P Co-extruded=C Selar=L Nylon=N Acetal=A Other=O B. <b>EVAPORATIVE FAMILY 2-Letter CODE</b> (Venting Control Codes = C, S, O); (Tank Barrier Codes = M, P, C, L, N, A, O). <u>Note</u> : 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 standard (Title 13, California Code of Regulations, Section 2754 or 2754.1, as applicable), and certification level in g organic material hydrocarbon equivalent day. The running loss emissions control has been demonstrated by the manufacturer.

*=not applicable	DIURNAL EMISSION STANDARD (g organic material hydrocarbon equivalent day⁻¹)								
STANDARD	EVAPORATIVE FAMILY EMISSION LIMIT DIFFERENTIAL (EFELD)	EVAPORATIVE MODEL EMISSION LIMIT (EMEL)	CERTIFICATION LEVEL						
1.20 + 0.056 × Nominal Capacity (L)	0.54	= (STANDARD) - (EFELD)	1.4						

**BE IT FURTHER RESOLVED:** That the evaporative model emission limit (EMEL), as applicable, is the diurnal or hot soak plus diurnal emission rate declared by the manufacturer based on evaporative emissions test results for the model of engine or equipment model within the evaporative family that is expected to exhibit the highest evaporative emission rate relative to the applicable diurnal or hot soak plus diurnal emission standard, obtained by following TP-902. No engine or equipment emissions within the evaporative family can have a diurnal emissions rate that is higher than the final declared EMEL established by final test data pursuant to TP-902.

**BE IT FURTHER RESOLVED:** That the evaporative family emission limit differential (EFELD), as applicable, is an emission rate differential between the diurnal or hot soak plus diurnal emission standard in Tables 1, 2 or 3 of section 2754(a) for the model of engine or equipment within the evaporative family that is expected to exhibit the highest evaporative emission rate relative to the applicable diurnal or hot soak plus diurnal emission standard and the EMEL declared for the model and is applicable to the entire evaporative family represented by the model. The EFELD is used to determine the EO holder's compliance with the applicable diurnal emission standard, on a corporate average basis, for any equipment within this evaporative family. (See Title 13 CCR Section 2754.1(f).)

**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 Title 13 CCR Section 2759 (labeling), Section 2774 (bond requirements) and 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 evaporative 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 on this 6th day of January 2023.

Robin U. Lang, Chief

Emissions Certification and Compliance Division

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Date: <u>NOV 2022</u>

Evaporative Family: <u>EFSCM12</u>

Model Summary

For CARB Use Only Executive Order: U-U-140-0109 Attachment \_1\_of\_1\_

(m/2) Other Venti						1		-				1		ı	ı	1
S1.   S2.   Colff. Only   S9-State   S4.   S5.   Engine Class   Fuel System (One)   Colff. Only   S9-State   S4.   S5.   Engine Class   Fuel System (One)   Colff. Only   S9-State   S4.   S5.   Engine Class   Fuel System (One)   Colff. Only   S9-State   S4.   S5.   Engine Class   Fuel System (One)   Colff. Only   S9-State   S4.   S5.   Engine Class   Fuel Class   S4.   S5.   Engine Class   S4.   S5.   Engine Family   S12.   S13.   S14.   Carbon Class   S14.   S5.   Engine Family   S12.   S13.   S14.   S5.   S15.																
S2.   Calif. Only   So State   S4.   Egine Class () Figer Class							Fuel Tank Volume (Liters)								1	
		62				c.	T-4-1	N 1 1	67		co	C40	C44	642	643	644
Check One   Chec		_	Calif. Only	50-State	_		Iotai	Nominai	_							-
Surface Area (mv2)		Model			0								Engine Family			
Ontolon	(Check One)				or II)	(FI or CARB)					Line Length	Diameter (mm)		Order	Executive Order	,
CONTONZA									Surface Area	Multi-Layer)	(mm)					Capacity (g/L)/
ONTONZ.8									(m^2)							Other Venting
ONZONZ.8																<b>Control Executive</b>
ONTONIZA																
FRIONN.2.8		ON7ON2 8		1	11	FI	26 53	23.88	0.55	Multi-laver	10668	6.35		N/A		
FSILONZE		0117 011210		•			20.55	25.00	0.55	maic layer	10000	0.55		1471		Q-20-024
ONIONIZES		FB100N2 8		1	1 11	FI	38 27	34 44	0.74	Multi-laver	10668	6.35		N/A		0-20-024
ONIONIZE		. 5200.12.0		•			50.27	5	0., .	maic layer	10000	0.55				Q 20 02 1
ONIATON2.8		ON100N2 8		./		EI	38 08	25.08	0.7	Multi-lavor	10668	6.25	NCEXS.2522IC	N/A	Q-19-002	0-20-024
ONIATON28		011100112.8		v	"	."	30.36	33.08	0.7	ividiti-layer	10008	0.55		14/74		Q 20-024
ON14b0N2.8		ON14TON2 9		,		EI	E2 00	47.70	1 16	Multi lavor	10669	6 25	NCEXS.2522IC	N/A	Q-19-002	0.20.024
ON1400128		UN141UN2.8		· ·	"	FI	55.09	47.78	1.10	iviuiti-iayer	10008	0.33	PCEXS.2522IC	N/A	Q-09-019A	Q-20-024
ON140N2.8		ONIA AL-ONIA O		,		-	55.64	F0.00	0.04	Marilet Income	10000	6.25	NCEXS.2522IC	N1/0	Q-19-002	0.20.024
ON140N2.8		UN14bUN2.8		<b>√</b>	"	FI	55.64	50.08	0.94	iviuiti-iayer	10668	6.35	PCEXS.2522IC	N/A	Q-09-019A	Q-20-024
ONISON2.8		01440120		,			FF 72	50.45	0.04	Advilled Income	10000	6.25	NCEXS.2522IC	N1/A	Q-19-002	0.20.024
ONISON2.8		UN14UN2.8		<b>√</b>	"	FI	55.72	50.15	0.94	iviuiti-iayer	10668	6.35	PCEXS.2522IC	N/A	Q-09-019A	Q-20-024
ONZOCONZ.8				,												
ONZOCON2.8		ON15ON2.8		✓	ll II	FI	57.34	51.61	0.95	Multi-layer	10668	6.35	PCEXS.2522IC	N/A	O-09-019A	Q-20-024
FRZONNZ.8																
FRZOONZ.8		ON20cON2.8		✓	ll II	FI	74.3	66.87	1.29	Multi-layer	10668	6.35		N/A		Q-20-024
FR200N2.8																
ONZOBONZ.8		FR200N2.8		✓	II	FI	75.7	68.13	1.52	Multi-layer	10668	6.35		N/A		Q-20-024
Figure   F																
BISZOON2.8		ON20bON2.8		✓	II	FI	75.7	68.13	1.2	Multi-layer	10668	6.35		N/A		Q-20-024
BISZOONZ.8																
IND20ON2.8		BIS20ON2.8		✓	II	FI	76.65	68.99	1.75	Multi-layer	10668	6.35		N/A		Q-20-024
INDZOON2.8																
ONZOABONZ.8		IND200N2.8		✓	II	FI	76.69	69.02	1.57	Multi-layer	10668	6.35		N/A		Q-20-024
ONZOBON   ONZO																
ON20ABON2.8		ON20aON2.8		✓	II	FI	76.95	69.26	1.21	Multi-layer	10668	6.35		N/A		Q-20-024
ONZOABONZ.8																
VIN25ON2.8		ON20ABON2.8		✓	II	FI	77.96	70.16	1.4	Multi-layer	10668	6.35		N/A		Q-20-024
VIN25ON2.8																
KS300N2.8		VIN25ON2.8		✓	II	FI	96.23	86.61	1.73	Multi-layer	10668	6.35		N/A		Q-20-024
RS300N2.8																
IND300N2.8		KS300N2.8		✓	II	FI	109.77	98.79	1.96	Multi-layer	10668	6.35		N/A		2.75 g/L
IND300N2.8																
/ FCI400N2 8 / II FI 15141 136 27 2 44 Multi-layer 10668 6 35 NCEXS.2522IC N/A Q-19-002 2 00 g/L		IND300N2.8		✓	II	FI	115.03	103.53	2.12	Multi-layer	10668	6.35		N/A		2.63 g/L
I / I FC1400N2 8 I I / I II I FI I 151.41 I 136.27 I 2.44 I Multi-laver I 10668 I 6.35 I I N/A I I I 2.00 g/L										,				·		
	✓	ECI40ON2.8		✓	II	FI	151.41	136.27	2.44	Multi-layer	10668	6.35		N/A		2.00 g/L
				l	I .			l	1	•			PCEXS.2522IC	·	Q-09-019A	_