

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)
Briggs & Stratton Corporation	See Attachment	See Attachment	Gasoline
Chongqing Zongshen General Power Machine Co., Ltd.	See Attachment	See Attachment	Gasoline
Fuji Heavy Industries, Ltd.	See Attachment	See Attachment	Gasoline
Kawasaki Heavy Industries, Ltd.	See Attachment	See Attachment	Gasoline
Kohler Company	See Attachment	See Attachment	Gasoline
S.A. = See Attachment TBC = To Be Certified			
EQUIPMENT DESCRIPTION			
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2017	CP1	4.75, 5.15, 10.69, 12.51, 15.35, 21.8, 26.48	Riding Mower, Tractor, Commercial Turf, Other OEM Product
EMISSION CONTROL SYSTEMS (ECS)		ENGINE and/or EQUIPMENT MODEL	
Canister / Treated HDPE		See Attachment	
<small>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.</small>			

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						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, Q-14-008		1.5	C-U-07-020, Q-12-015, Q-13-002, Q-11-011, Q-16-003A		1.4	C-U-06-015, Q-09-021, Q-09-023, Q-09-024				

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.

This Executive Order hereby supercedes Executive Order U-U-130-0045 dated December 14, 2016.

Executed at El Monte, California on this 22 day of November 2017.



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

ATTACHMENT - page 1 of 5

ENGINE DESCRIPTION			
MANUFACTURER	ENGINE FAMILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)
Briggs & Stratton Corporation	FBSXS.3442VA (U-U-002-0868) GBSXS.3442VA (U-U-002-0919) HBSXS.3442VA (U-U-002-0958) FBSXS.5002VV (U-U-002-0892) GBSXS.5002VV (U-U-002-0941) HBSXS.5002VV (U-U-002-0959) FBSXS.7242VA (U-U-002-0869) GBSXS.7242VA (U-U-002-0944-1) HBSXS.7242VA (U-U-002-0961)	344, 500, 656, 724	Gasoline
Chongqing Zongshen General Power Machine Co., Ltd.	GCZHS.4392V1 (U-U-082-0224) HCZHS.4392V1 (U-U-082-0252) FCZHS.4522V1 (U-U-082-0167) GCZHS.4522V1 (U-U-082-0189-1) HCZHS.4522V1 (U-U-082-0235) FCZHS.5472V1 (U-U-082-0156) GCZHS.5472V1 (U-U-082-0190) HCZHS.5472V1 (U-U-082-0238)	439, 452, 547	Gasoline
Fuji Heavy Industries, Ltd.	GFJXS.4042GB (U-U-012-0503) HFJXS.4042GB (U-U-012-0524)	404	Gasoline
Kawasaki Heavy Industries, Ltd.	FKAXS.6032CC (U-U-004-0621) GKAXS.6032CC (U-U-004-0672) HKAXS.6032CC (U-U-004-0717) FKAXS.7262CB (U-U-004-0610) GKAXS.7262CB (U-U-004-0661) HKAXS.7262CB (U-U-004-0708) FKAXS.7262CC (U-U-004-0611) GKAXS.7262CC (U-U-004-0653) HKAXS.7262CC (U-U-004-0707)	603, 726	Gasoline
Kohler Company	FKHXS.5972GB (U-U-005-0444) GKHXS.5972GB (U-U-005-0478) HKHXS.5972GB (U-U-005-0522) JKHXS.5412GB (U-U-005-0554) FKHXS.5972GN (U-U-005-0445) FKHXS.7252GB (U-U-005-0458) GKHXS.7252GB (U-U-005-0486-1) HKHXS.7252GB (U-U-005-0537) GKHXS.7472GF (U-U-005-0515) HKHXS.7472GF (U-U-005-0524) GKHXS.7472PE (U-U-005-0479) HKHXS.7472PE (U-U-005-0532)	541, 597, 674, 725, 747	Gasoline

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 (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								
	13AL78XT299 13AM775S200 13AN77BS211 13AN77SS231 13WM77KS211 13WN77BS211 13WN77SS231			X	II	CARB	6.24	5.15	0.20	MULTI LAYER	419	6.4	FBSXS.5002VV GBSXS.5002VV HBSXS.5002VV	C-U-07-020 Q-12-015 Q-13-002 Q-11-011 Q-16-003A	G-05-018 Q-14-008	C-U-06-015 Q-09-024
	13A277XS299 13A278XS299 13W277SS231			X	II	CARB	6.24	5.15	0.20	MULTI LAYER	468	6.4	FCZHS.4522V1 GCZHS.4522V1 HCZHS.4522V1	C-U-07-020 Q-12-015 Q-13-002 Q-11-011 Q-16-003A	G-05-018 Q-14-008	C-U-06-015 Q-09-024
	13A878XT299			X	II	CARB	6.24	5.15	0.20	MULTI LAYER	406	6.4	FCZHS.5472V1 GCZHS.5472V1 HCZHS.5472V1	C-U-07-020 Q-12-015 Q-13-002 Q-11-011 Q-16-003A	G-05-018 Q-14-008	C-U-06-015 Q-09-024
	13AK78BS211			X	II	CARB	6.24	5.15	0.20	MULTI LAYER	503	6.4	JKHXS.5412GB	C-U-07-020 Q-12-015 Q-13-002 Q-11-011 Q-16-003A	G-05-018 Q-14-008	C-U-06-015 Q-09-024
	13AK79BT211			X	II	CARB	6.24	5.15	0.20	MULTI LAYER	693	6.4	JKHXS.5412GB	C-U-07-020 Q-12-015 Q-13-002 Q-11-011 Q-16-003A	G-05-018 Q-14-008	C-U-06-015 Q-09-024

	13WV78KS211			X	II	CARB	6.24	5.15	0.20	MULTI LAYER	483	6.4	FKHXS.5972GB GKHXS.5972GB HKHXS.5972GB	C-U-07-020 Q-12-015 Q-13-002 Q-11-011 Q-16-003A	G-05-018 Q-14-008	C-U-06-015 Q-09-024
	13WX78BS211 13WX79BT211 13YX79KT211			X	II	CARB	6.24	5.15	0.20	MULTI LAYER	483	6.4	FKHXS.5972GN GKHXS.5972GB HKHXS.5972GB	C-U-07-020 Q-12-015 Q-13-002 Q-11-011 Q-16-003A	G-05-018 Q-14-008	C-U-06-015 Q-09-024
	13CC26JD211			X	II	CARB	6.12	4.75	0.24	MULTI LAYER	508	6.4	FBSXS.3442VA GBSXS.3442VA HBSXS.3442VA	C-U-07-020 Q-12-015 Q-13-002 Q-11-011 Q-16-003A	G-05-018 Q-14-008	C-U-06-015 Q-09-024
	13A721JD210 13B721JD210			X	II	CARB	6.12	4.75	.24	MULTI LAYER	575	6.4	GCZHS.4392V1 HCZHS.4392V1	C-U-07-020 Q-12-015 Q-13-002 Q-11-011 Q-16-003A	G-05-018 Q-14-008	C-U-06-015 Q-09-024
	13B226JD299 13B221JD210			X	II	CARB	6.12	4.75	0.24	MULTI LAYER	595	6.4	FCZHS.4522V1 GCZHS.4522V1 HCZHS.4522V1	C-U-07-020 Q-12-015 Q-13-002 Q-11-011 Q-16-003A	G-05-018 Q-14-008	C-U-06-015 Q-09-024
	131QA1CQ210 13APA1CS210 13APA1CT210 13APA1CT256 13AQA1CQ210 13AQA1CQ256 13AQA1CT210 13AQA1ZT299 13AQA2CA210 13AQA4CA210 13AQA4CN210 13BQA1ZT299 13WPA1CS210 13WPA1CT210 13WQA1CN210 13WQA1CQ210 13WQA1CT210 13WQA4CN210 13YQA1CT210 14AQA3CQ210 14AQA3CQ256 14AQA5CA210 14AQA6CA210			X	II	CARB	13.51	12.51	0.35	MULTI LAYER	859	6.4	FKHXS.7252GB GKHXS.7252GB HKHXS.7252GB GKHXS.7472GF HKHXS.7472GF	C-U-07-020 Q-12-015 Q-13-002 Q-11-011 Q-16-003A	G-05-018 Q-14-008	Q-09-024

ATTACHMENT P3 OF 5
EO # U-U-130-0045-1

13AVA1CS256 13WVA1CS210 13AVA1CS210			X	II	CARB	13.51	12.51	0.35	MULTI LAYER	534	6.4	FKHXS.5972GN GKHXS.5972GB HKHXS.5972GB	C-U-07-020 Q-12-015 Q-13-002 Q-11-011 Q-16-003A	G-05-018 Q-14-008	Q-09-024
13A8A1CS210			X	II	CARB	13.51	12.51	0.35	MULTI LAYER	533	6.4	FCZHS.5472V1 GCZHS.5472V1 HCZHS.5472V1	C-U-07-020 Q-12-015 Q-13-002 Q-11-011 Q-16-003A	G-05-018 Q-14-008	Q-09-024
13AOA1CS210 13AOA1CS256			X	II	CARB	13.51	12.51	0.35	MULTI LAYER	1113	6.4	JKHXS.5412GB	C-U-07-020 Q-12-015 Q-13-002 Q-11-011 Q-16-003A	G-05-018 Q-14-008	Q-09-024
17AICAXN210 17BICBDN210 17RICAXN210			X	II	CARB	13.31	10.69	0.35	MULTI LAYER	850	6.4	FKAXS.6032CC GKAXS.6032CC HKAXS.6032CC	C-U-07-020 Q-12-015 Q-13-002 Q-11-011 Q-16-003A	G-05-018 Q-14-008	C-U-06-015 Q-09-024
17AICAXA210 17BICBDA210 17RICAXA210			X	II	CARB	13.31	10.69	0.35	MULTI LAYER	880	6.4	FKAXS.7262CB GKAXS.7262CB HKAXS.7262CB	C-U-07-020 Q-12-015 Q-13-002 Q-11-011 Q-16-003A	G-05-018 Q-14-008	C-U-06-015 Q-09-024
17AKCACS299			X	II	CARB	13.31	10.69	0.35	MULTI LAYER	1188	6.4	FBSXS.7242VA GBSXS.7242VA HBSXS.7242VA	C-U-07-020 Q-12-015 Q-13-002 Q-11-011 Q-16-003A	G-05-018 Q-14-008	C-U-06-015 Q-09-024
17ARCACN209 17ARCACN210 17ARCACQ211 17ARCACS210 17ARCBDA210 17ARCBDN210 17ARCBDS210 17BRCACA209 17BRCBDS210 17CRCACA209 17RRCACS210			X	II	CARB	13.31	10.69	0.35	MULTI LAYER	1291	6.4	FKHXS.7252GB GKHXS.7252GB HKHXS.7252GB GKHXS.7472GF HKHXS.7472GF	C-U-07-020 Q-12-015 Q-13-002 Q-11-011 Q-16-003A	G-05-018 Q-14-008	C-U-06-015 Q-09-024

ATTACHMENT P4 OF 5
EO# U-U-130-0045-1

	53RWEHRF250 53RWEFJF250			X	II	EFI	32.2	26.48	0.79	MULTI LAYER	2121	6.4	GKHXS.7472PE HKHXS.7472PE	C-U-07-020 Q-12-015 Q-13-002 Q-11-011 Q-16-003A	G-05-018 Q-14-008	Q-09-023
	53RIEHRU250 53RIEFJU250			X	II	CARB	32.2	26.48	0.79	MULTI LAYER	1997	6.4	FKAXS.7262CC GKAXS.7262CC HKAXS.7262CC	C-U-07-020 Q-12-015 Q-13-002 Q-11-011 Q-16-003A	G-05-018 Q-14-008	Q-09-023
	37AV3AHK210 37AV3AHN210 37AV3AJK209 37AV3AJK210 37AV3AJN209 37AV3AJN210 37BV3AHK210 37BV3AHN210 37BV3AJK209 37BV3AJK210 37BV3AJN209 37BV3AJN210			X	II	CARB	22.45	21.8	0.53	MULTI LAYER	635 711	6.4 5.6	GFJXS.4042GB HFJXS.4042GB	C-U-07-020 Q-12-015 Q-13-002 Q-11-011 Q-16-003A	G-05-018 Q-14-008	Q-09-021
	37BV3BHK210			X	II	CARB	17.33	15.35	.38	MULTI LAYER	533 711	6.4 5.6	GFJXS.4042GB HFJXS.4042GB	C-U-07-020 Q-12-015 Q-13-002 Q-11-011 Q-16-003A	G-05-018 Q-14-008	Q-09-021

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

ATTACHMENT P5 OF 5
ED# U-U-130-0045-1