



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)
KAWASAKI HEAVY INDUSTRIES, LTD.	BKAXS.6032CA (U-U-004-0475)	603	Gasoline
	BKAXS.6032CB (U-U-004-0476)	726	
	BKAXS.7262CA (U-U-004-0477)	745	
	AKAXS.7262CC (U-U-004-0421)	852	
	BKAXS.7262CC (U-U-004-0484)		
	BKAXS.7452IB (U-U-004-0470)		
	BKAXS.8522CA (U-U-004-0480)		
KOHLER COMPANY	BKHXS.7252GC (U-U-005-0341-1)	725	Gasoline
	CKHXS.7252GC (U-U-005-0373)	747	
	CKHXS.7472PC (U-U-005-0378)		
S.A. = See Attachment TBC = To Be Certified			
EQUIPMENT DESCRIPTION			
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2012	COSCGCXLP	20.3, 20.8, 24.6, 30.3, 32.2	Walk-Behind Lawnmower, Riding Mower
EMISSION CONTROL SYSTEMS (ECS)		ENGINE and/or EQUIPMENT MODEL	
Canister/Other		See Attachment	
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 Sealar=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.

*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, C-U-05-009 C-U-05-013	*	*	1.4	Q-09-021, Q-09-023

BE IT FURTHER RESOLVED: That the listed equipment is in conformance with the evaporative emission requirements specified in 13 CCR Section 2766(b) (small production volume tank exemption).

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 supersedes Executive Order U-U-089-0029-2 dated January 12, 2012.

Executed at El Monte, California on this 23 day of April 2012.

Annette Hebert, Chief
Mobile Source Operations Division

**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											
	SW32-481FS SW36A-481FS SW48V-481FS SW52V-541FS SWZ36A-481FS SWZ-481FS-16 SWZ48V-541FS SWZ-541FS-16 SWZ52V-600FS SWZ-600FS-16 SWZ-600FS	X			II	CARB	20.8	.56	CPE	748	6.35	BKAXS.6032CA CKAXS.6032CA	N/A	G-05-018 C-U-05-013	Q-09-021
	SVR36A-541FS	X			II	CARB	20.3	.55	CPE	824	6.35	BKAXS.6032CA CKAXS.6032CA	N/A	G-05-018 C-U-05-013	Q-09-021
	SFZ36-541FS	X			II	CARB	24.6	.73	CPE	1332	6.35	BKAXS.6032CA CKAXS.6032CA	N/A	G-05-018 C-U-05-013	Q-09-023
	SVR36A-600FX	X			II	CARB	20.3	.55	CPE	824	6.35	BKAXS.6032CB CKAXS.6032CB	N/A	G-05-018 C-U-05-013	Q-09-021
	SWZ-651FSE	X			II	CARB	20.8	.56	CPE	778	6.35	BKAXS.7262CA CKAXS.7262CA	N/A	G-05-018 C-U-05-013	Q-09-021
	SVR48V-691FX	X			II	CARB	20.3	.55	CPE	854	6.35	BKAXS.7262CC CKAXS.7262CC	N/A	G-05-018 C-U-05-013	Q-09-021
	SVR52V-730FX	X			II	CARB	30.3	.72	CPE	854	6.35	AKAXS.7262CC BKAXS.7262CC CKAXS.7262CC	N/A	G-05-018 C-U-05-013	Q-09-023
	STT61V-791DFI STT-791DFI	X			II	FI	32.2	1.0	CPE	1,143 305 57	6.35 7.94 12.70	BKAXS.7452IB CKAXS.7452IB	N/A	G-05-018 C-U-05-013	Q-09-023
	SVR61V-801FX	X			II	CARB	30.3	.72	CPE	919	6.35	BKAXS.8522CA CKAXS.8522CA	N/A	G-05-018 C-U-05-013	Q-09-023

	STT52V-27CH STT61V-27CH	X			II	CARB	32.2	1.0	CPE	935 51	6.35 7.94	BKHXS.7252GC CKHXS.7252GC	N/A	G-05-018 C-U-05-013	Q-09-023
	STT52V-29CH-EFI STT61V-29CH-EFI STT-29CH-EFI	X			II	FI	32.2	1.0	CPE	1618 51	6.35 7.94	BKHXS.7472PC CKHXS.7472PC	N/A	G-05-018 C-U-05-009 C-U-05-013	Q-09-023

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