

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.	AKAXS.4012CC (U-U-004-0446)	401	Gasoline
S.A. = See Attachment TBC = To Be Certified			
EQUIPMENT DESCRIPTION			
MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2010	CP	22.7	Commercial Turf, Utility Vehicles/Golf Carts
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/m<sup>2</sup>/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 <sup>2</sup> /day)		FUEL TANK PERMEATION (grams ROG/m <sup>2</sup> /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	C-U-06-011, Q-08-022, G-05-018	2.5	0.24	1.4	C-U-07-016

**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-101-0011-1 dated May 13, 2010.

Executed at El Monte, California on this 6<sup>th</sup> day of July 2010.

*Robert J. ...* FOR ANNETTE HEBERT  
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 <sup>2</sup> )	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											
	ST Sport II (605811)	X			2	CARB	22.7	0.492	Low Permeation	940	6.35	AKAXS.4012CC	See pg 43 item 3. b	C-U-06-011 or Q-08-022 or G-05-018	C-U-07-016
	MPT 800 (606685)	X			2	CARB	22.7	0.492	Low Permeation	940	6.35	AKAXS.4012CC	See pg 43 item 3. b	C-U-06-011 or Q-08-022 Or G-05-018	C-U-07-016
	IND 800 (606686)	X			2	CARB	22.7	0.492	Low Permeation	940	6.35	AKAXS.4012CC	See pg 43 item 3. b	C-U-06-011 or Q-08-022 Or G-05-018	C-U-07-016
	Shuttle 2 (606690)	X			2	CARB	22.7	0.492	Low Permeation	940	6.35	AKAXS.4012CC	See pg 43 item 3. b	C-U-06-011 or Q-08-022 Or G-05-018	C-U-07-016
	Shuttle 4/6 (606679)	X			2	CARB	22.7	0.492	Low Permeation	940	6.35	AKAXS.4012CC	See pg 43 item 3. b	C-U-06-011 or Q-08-022 Or G-05-018	C-U-07-016
	5 Passenger Golf Car (606689)	X			2	CARB	22.7	0.492	Low Permeation	940	6.35	AKAXS.4012CC	See pg 43 item 3. b	C-U-06-011 or Q-08-022 Or G-05-018	C-U-07-016
	ST Sport 2+2 (606695)	X			2	CARB	22.7	0.492	Low Permeation	940	6.35	AKAXS.4012CC	See pg 43 item 3. b	C-U-06-011 or Q-08-022 or G-05-018	C-U-07-016

	ST Sport (606694)	X			2	CARB	22.7	0.492	Low Permeation	940	6.35	AKAXS.4012CC	See pg 43 item 3.b	C-U-06-011 or Q-08-022 Or G-05-018	C-U-07- 016
	Clays Car (606676)	X			2	CARB	22.7	0.492	Low Permeation	940	6.35	AKAXS.4012CC	See pg 43 item 3.b	C-U-06-011 or Q-08-022 Or G-05-018	C-U-07- 016
	ST 400 (606698)	X			2	CARB	22.7	0.492	Low Permeation	940	6.35	AKAXS.4012CC	See pg 43 item 3.b	C-U-06-011 or Q-08-022 Or G-05-018	C-U-07- 016
	MPT1200 (606687)	X			2	CARB	22.7	0.492	Low Permeation	940	6.35	AKAXS.4012CC	See pg 43 item 3.b	C-U-06-011 or Q-08-022 Or G-05-018	C-U-07- 016
	Refresher 1200 (606684)	X			2	CARB	22.7	0.492	Low Permeation	940	6.35	AKAXS.4012CC	See pg 43 item 3.b	C-U-06-011 or Q-08-022 Or G-05-018	C-U-07- 016
	IND 1200 (606680)	X			2	CARB	22.7	0.492	Low Permeation	940	6.35	AKAXS.4012CC	See pg 43 item 3.b	C-U-06-011 or Q-08-022 Or G-05-018	C-U-07- 016
	ST Custom (606697)	X			2	CARB	22.7	0.492	Low Permeation	940	6.35	AKAXS.4012CC	See pg 43 item 3.b	C-U-06-011 or Q-08-022 Or G-015-018	C-U-07- 016
	Shuttle 6, Lifted (606688)		X		2	CARB	22.7	0.492	Low Permeation	940	6.35	AKAXS.4012CC	See pg 43 item 3.b	C-U-06-011 or Q-08-022 Or G-015-018	C-U-07- 016
	TXT Freedom (612946)	X			2	CARB	22.7	0.492	Low Permeation	940	6.35	AKAXS.4012CC	See pg 43 item 3.b	C-U-06-011 or Q-08-022 Or G-015-018	C-U-07- 016
	TXT Fleet (614374)	X			2	CARB	22.7	0.492	Low Permeation	940	6.35	AKAXS.4012CC	See pg 43 item 3.b	C-U-06-011 or Q-08-022 or G-05-018	C-U-07- 016

	TXT Shuttle 2+2 614439	X			2	CARB	22.7	0.492	Low Permeation	940	6.35	AKAXS.4012CC	See pg 43 item 3.b	C-U-06-011 or Q-08-022	C-U-07- 016
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