California Environmental Protection Agency AIR RESOURCES BOARD	THE TORO COMPANY	EXECUTIVE ORDER U-U-052-0066-2 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 FAMILY (E.O. NUMBER)**	**ENGINE SIZE (cc)**	**FUEL TYPE** (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)
KAWASAKI HEAVY INDUSTRIES, LTD.	9KAXS.7262CC (U-U-004-0404) AKAXS.7262CC (U-U-004-0421)	726 726	Gasoline
KOHLER COMPANY	9KHXS.7252GC (U-U-005-0277) AKHXS.7252GC (U-U-005-0316) AKHXS.7472PC (U-U-005-0320)	674, 725 674, 725 747	

S.A. = See Attachment
TBC = To Be Certified

EQUIPMENT DESCRIPTION			
MODEL YEAR	**EVAPORATIVE FAMILY**	**FUEL TANK SIZE (liters)**	**EQUIPMENT APPLICATION**
2010	CCAL4XBC	45.9	Riding Mower

EMISSION CONTROL SYSTEMS (ECS)	ENGINE and/or EQUIPMENT MODEL
Canister/Co-extruded	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 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/m^2/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	2.5	*	1.4	Q-09-027

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-052-0066-1 dated March 09, 2010.

Executed at El Monte, California on this 9 day of September 2010.

Annette Hebert, Chief
Mobile Source Operations Division

Attachment, 1 of 3

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											
	Toro / Exmark Fuel Tank 116-1703														
	Exmark Models														
	LZAS22KA484CA LZZ24KA526CA, LZS22KA484CA, LZX24KA526CA	X			II	CARB	45.9	1.06	Multilayer	114.3	6.35	9KAXS.7262CC AKAXS.7262CC	N/A	G-05-018	Q-09-027
	LZAS22KA484CA LZZ24KA526CA, LZS22KA484CA, LZX24KA526CA	X			II	CARB	45.9	1.06	Multilayer	381.0	6.35	9KAXS.7262CC AKAXS.7262CC	N/A	G-05-018	Q-09-027
	LZAS22KA484CA LZZ24KA526CA, LZS22KA484CA, LZX24KA526CA	X			II	CARB	45.9	1.06	Multilayer	184.9	6.35	9KAXS.7262CC AKAXS.7262CC	N/A	G-05-018	Q-09-027
	LZAS22KA484CA LZZ24KA526CA, LZS22KA484CA, LZX24KA526CA	X			II	CARB	45.9	1.06	Multilayer	389.9	6.35	9KAXS.7262CC AKAXS.7262CC	N/A	G-05-018	Q-09-027
	LZAS27KC524CA LZAS27KC604CA LZZ27KC526CA LZZ27KC606CA, LZS27KC524CA, LZS27KC604CA, LZX27KC526CA, LZX27KC606CA	X			II	CARB	45.9	1.06	Multilayer	114.3	6.35	9KHXS.7252GC AKHXS.7252GC	N/A	G-05-018	Q-09-027

4-4-052-0066-2

Attachment, 2 of 3

	LZAS27KC524CA LZAS27KC604CA LZZ27KC526CA LZZ27KC606CA, LZS27KC524CA, LZS27KC604CA, LZX27KC526CA, LZX27KC606CA	X			II	CARB	45.9	1.06	Multilayer	889.0	6.35	9KHXS.7252GC AKHXS.7252GC	N/A	G-05-018	Q-09-027
	LZAS27KC524CA LZAS27KC604CA LZZ27KC526CA LZZ27KC606CA, LZS27KC524CA, LZS27KC604CA, LZX27KC526CA, LZX27KC606CA	X			II	CARB	45.9	1.06	Multilayer	330.2	6.35	9KHXS.7252GC AKHXS.7252GC	N/A	G-05-018	Q-09-027
	LZAS27KC524CA LZAS27KC604CA LZZ27KC526CA LZZ27KC606CA, LZS27KC524CA, LZS27KC604CA, LZX27KC526CA, LZX27KC606CA	X			II	CARB	45.9	1.06	Multilayer	158.8	6.35	9KHXS.7252GC AKHXS.7252GC	N/A	G-05-018	Q-09-027
	LZX29EKC606CA	X			II	FI	45.9	1.06	Multilayer	114.3	6.35	AKHXS.7472PC	N/A	G-05-018	Q-09-027
	LZX29EKC606CA	X			II	FI	45.9	1.06	Multilayer	381.0	6.35	AKHXS.7472PC	N/A	G-05-018	Q-09-027
	LZX29EKC606CA	X			II	FI	45.9	1.06	Multilayer	330.2	6.35	AKHXS.7472PC	N/A	G-05-018	Q-09-027
	LZX29EKC606CA	X			II	FI	45.9	1.06	Multilayer	158.8	6.35	AKHXS.7472PC	N/A	G-05-018	Q-09-027
	LZX29EKC606CA	X			II	FI	45.9	1.06	Multilayer	241.3	6.35	AKHXS.7472PC	N/A	C-U-05-009	Q-09-027
	LZX29EKC606CA	X			II	FI	45.9	1.06	Multilayer	314.3	6.35	AKHXS.7472PC	N/A	C-U-05-009	Q-09-027

U-U-052-0086-2

Attachment, 3 of 3

	Toro Models														
	78922 78924	X			II	CARB	45.9	1.06	Multilayer	114.3	6.35	9KAXS.7262CC AKAXS.7262CC	N/A	G-05-018	Q-09-027
	78922 78924	X			II	CARB	45.9	1.06	Multilayer	381.0	6.35	9KAXS.7262CC AKAXS.7262CC	N/A	G-05-018	Q-09-027
	78922 78924	X			II	CARB	45.9	1.06	Multilayer	184.9	6.35	9KAXS.7262CC AKAXS.7262CC	N/A	G-05-018	Q-09-027
	78922 78924	X			II	CARB	45.9	1.06	Multilayer	389.9	6.35	9KAXS.7262CC AKAXS.7262CC	N/A	G-05-018	Q-09-027
	78926 78928	X			II	FI	45.9	1.06	Multilayer	114.3	6.35	AKHXS.7472PC	N/A	G-05-018	Q-09-027
	78926 78928	X			II	FI	45.9	1.06	Multilayer	381.0	6.35	AKHXS.7472PC	N/A	G-05-018	Q-09-027
	78926 78928	X			II	FI	45.9	1.06	Multilayer	330.2	6.35	AKHXS.7472PC	N/A	G-05-018	Q-09-027
	78926 78928	X			II	FI	45.9	1.06	Multilayer	158.8	6.35	AKHXS.7472PC	N/A	G-05-018	Q-09-027
	78926 78928	X			II	FI	45.9	1.06	Multilayer	241.3	6.35	AKHXS.7472PC	N/A	C-U-05-009	Q-09-027
	78926 78928	X			II	FI	45.9	1.06	Multilayer	314.3	6.35	AKHXS.7472PC	N/A	C-U-05-009	Q-09-027

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

4-4-052-0066-2