California Environmental Protection Agency AIR RESOURCES BOARD	TORO COMPANY	EXECUTIVE ORDER U-U-052-0016 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.

ENGINE DESCRIPTION			
MANUFACTURER	**ENGINE FAMILY (E.O. NUMBER)**	**ENGINE SIZE (cc)**	**FUEL TYPE** (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)
KOHLER COMPANY	7KHXS.7252GC (U-U-005-0246-1)	674, 725	Gasoline
KAWASAKI HEAVY INDUSTRIES, LTD.	7KAXS.7452IA (U-U-004-0316)	745	

* TBC = To Be Certified

EQUIPMENT DESCRIPTION	
MODEL YEAR	**EQUIPMENT APPLICATION**
2008	Commercial Turf
EQUIPMENT MODELS	74253, 74254, 74282, 74283, 74284, 74291, 74292

EXEMPTION CRITERIA
(1) Small production volume tank exemption criteria as defined in Section 2752(a)(26)

BE IT FURTHER RESOLVED: That the aforementioned equipment is exempt, pursuant to 13 CCR Section 2766, from (1) fuel tank permeation emissions standards and diurnal emissions standards described in section 2754 for engine displacement greater than or equal to 225 cc or (2) diurnal performance requirements in section 2754 and fuel tank permeation and carbon canister design requirements in section 2754(b) because it meets at least one of the exemption criteria listed above.

This Executive Order is only granted to the equipment models and model-year listed above. Equipment that is produced for any other model-year is not covered by this Executive Order.

Executed at El Monte, California on this 11th day of January 2008.

J. Lourenco
for Annette Hebert, Chief
Mobile Source Operations Division

Attachment 1 of 5

U-U-052-0016

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											
	Fuel Tank 110-0426														
	Z589 Z Master, With 60in														
	74253			X	II	Carb	45.4	N/A	Multilayer	60.3	7.92	7KAXS.7452IA		G-05-018	N/A
	74253			X	II	Carb	45.4	N/A	Multilayer	101.6	6.35	7KAXS.7452IA		G-05-018	N/A
	74253			X	II	Carb	45.4	N/A	Multilayer	349.3	6.35	7KAXS.7452IA		G-05-018	N/A
	74253			X	II	Carb	45.4	N/A	Multilayer	457.2	6.35	7KAXS.7452IA		G-05-018	N/A
	74253			X	II	Carb	45.4	N/A	Multilayer	520.7	6.35	7KAXS.7452IA		G-05-018	N/A
	74253			X	II	Carb	45.4	N/A	Multilayer	660.4	6.35	7KAXS.7452IA		G-05-018	N/A
	74253			X	II	Carb	45.4	N/A	Multilayer	850.9	6.35	7KAXS.7452IA		G-05-018	N/A
	74253			X	II	Carb	45.4	N/A	Multilayer	920.8	7.92	7KAXS.7452IA		G-05-018	N/A
	74253			X	II	Carb	45.4	N/A	Multilayer	1320.8	7.92	7KAXS.7452IA		G-05-018	N/A

	74253			X	II	Carb	45.4	N/A	Multilayer	230.0	6.35	7KAXS.7452IA		C-U-05-006	N/A
	74253			X	II	Carb	45.4	N/A	Multilayer	200.0	6.35	7KAXS.7452IA		C-U-05-006	N/A
	Z589 Z Master, With 72in														
	74254			X	II	Carb	45.4	N/A	Multilayer	60.3	7.92	7KAXS.7452IA		G-05-018	N/A
	74254			X	II	Carb	45.4	N/A	Multilayer	101.6	6.35	7KAXS.7452IA		G-05-018	N/A
	74254			X	II	Carb	45.4	N/A	Multilayer	349.3	6.35	7KAXS.7452IA		G-05-018	N/A
	74254			X	II	Carb	45.4	N/A	Multilayer	457.2	6.35	7KAXS.7452IA		G-05-018	N/A
	74254			X	II	Carb	45.4	N/A	Multilayer	520.7	6.35	7KAXS.7452IA		G-05-018	N/A
	74254			X	II	Carb	45.4	N/A	Multilayer	660.4	6.35	7KAXS.7452IA		G-05-018	N/A
	74254			X	II	Carb	45.4	N/A	Multilayer	850.9	6.35	7KAXS.7452IA		G-05-018	N/A
	74254			X	II	Carb	45.4	N/A	Multilayer	920.8	7.92	7KAXS.7452IA		G-05-018	N/A
	74254			X	II	Carb	45.4	N/A	Multilayer	1320.8	7.92	7KAXS.7452IA		G-05-018	N/A
	74254			X	II	Carb	45.4	N/A	Multilayer	230.0	6.35	7KAXS.7452IA		C-U-05-006	N/A
	74254			X	II	Carb	45.4	N/A	Multilayer	200.0	6.35	7KAXS.7452IA		C-U-05-006	N/A
	Fuel Tank 110-0428														
	Z557 Z Master, With 52in														
	74282			X	II	Carb	45.4	N/A	Multilayer	127.0	6.35	7KHXS.7252GC		G-05-018	N/A

	74282			X	II	Carb	45.4	N/A	Multilayer	127.0	6.35	7KHXS.7252GC		G-05-018	N/A
	74282			X	II	Carb	45.4	N/A	Multilayer	349.3	6.35	7KHXS.7252GC		G-05-018	N/A
	74282			X	II	Carb	45.4	N/A	Multilayer	457.2	6.35	7KHXS.7252GC		G-05-018	N/A
	74282			X	II	Carb	45.4	N/A	Multilayer	508.0	6.35	7KHXS.7252GC		G-05-018	N/A
	74282			X	II	Carb	45.4	N/A	Multilayer	609.6	6.35	7KHXS.7252GC		G-05-018	N/A
	74282			X	II	Carb	45.4	N/A	Multilayer	63.3	6.35	7KHXS.7252GC		G-05-018	N/A
	74282			X	II	Carb	45.4	N/A	Multilayer	236.2	6.35	7KHXS.7252GC		G-05-018	N/A
	Z557 Z Master, With 60in														
	74283			X	II	Carb	45.4	N/A	Multilayer	127.0	6.35	7KHXS.7252GC		G-05-018	N/A
	74283			X	II	Carb	45.4	N/A	Multilayer	127.0	6.35	7KHXS.7252GC		G-05-018	N/A
	74283			X	II	Carb	45.4	N/A	Multilayer	349.3	6.35	7KHXS.7252GC		G-05-018	N/A
	74283			X	II	Carb	45.4	N/A	Multilayer	457.2	6.35	7KHXS.7252GC		G-05-018	N/A
	74283			X	II	Carb	45.4	N/A	Multilayer	508.0	6.35	7KHXS.7252GC		G-05-018	N/A
	74283			X	II	Carb	45.4	N/A	Multilayer	609.6	6.35	7KHXS.7252GC		G-05-018	N/A
	74283			X	II	Carb	45.4	N/A	Multilayer	63.3	6.35	7KHXS.7252GC		G-05-018	N/A
	74283			X	II	Carb	45.4	N/A	Multilayer	236.2	6.35	7KHXS.7252GC		G-05-018	N/A
	Z557 Z Master, With 72in														

	74284			X	II	Carb	45.4	N/A	Multilayer	127.0	6.35	7KHXS.7252GC		G-05-018	N/A
	74284			X	II	Carb	45.4	N/A	Multilayer	127.0	6.35	7KHXS.7252GC		G-05-018	N/A
	74284			X	II	Carb	45.4	N/A	Multilayer	349.3	6.35	7KHXS.7252GC		G-05-018	N/A
	74284			X	II	Carb	45.4	N/A	Multilayer	457.2	6.35	7KHXS.7252GC		G-05-018	N/A
	74284			X	II	Carb	45.4	N/A	Multilayer	508.0	6.35	7KHXS.7252GC		G-05-018	N/A
	74284			X	II	Carb	45.4	N/A	Multilayer	609.6	6.35	7KHXS.7252GC		G-05-018	N/A
	74284			X	II	Carb	45.4	N/A	Multilayer	63.3	6.35	7KHXS.7252GC		G-05-018	N/A
	74284			X	II	Carb	45.4	N/A	Multilayer	236.2	6.35	7KHXS.7252GC		G-05-018	N/A
	Z500 Z Master, With 52in														
	74291			X	II	Carb	45.4	N/A	Multilayer	127.0	6.35	7KHXS.7252GC		G-05-018	N/A
	74291			X	II	Carb	45.4	N/A	Multilayer	127.0	6.35	7KHXS.7252GC		G-05-018	N/A
	74291			X	II	Carb	45.4	N/A	Multilayer	349.3	6.35	7KHXS.7252GC		G-05-018	N/A
	74291			X	II	Carb	45.4	N/A	Multilayer	457.2	6.35	7KHXS.7252GC		G-05-018	N/A
	74291			X	II	Carb	45.4	N/A	Multilayer	508.0	6.35	7KHXS.7252GC		G-05-018	N/A
	74291			X	II	Carb	45.4	N/A	Multilayer	609.6	6.35	7KHXS.7252GC		G-05-018	N/A
	74291			X	II	Carb	45.4	N/A	Multilayer	63.3	6.35	7KHXS.7252GC		G-05-018	N/A
	74291			X	II	Carb	45.4	N/A	Multilayer	236.2	6.35	7KHXS.7252GC		G-05-018	N/A

	Z500 Z Master, With 60in														
	74292			X	II	Carb	45.4	N/A	Multilayer	127.0	6.35	7KHXS.7252GC		G-05-018	N/A
	74292			X	II	Carb	45.4	N/A	Multilayer	127.0	6.35	7KHXS.7252GC		G-05-018	N/A
	74292			X	II	Carb	45.4	N/A	Multilayer	508.0	6.35	7KHXS.7252GC		G-05-018	N/A
	74292			X	II	Carb	45.4	N/A	Multilayer	457.2	6.35	7KHXS.7252GC		G-05-018	N/A
	74292			X	II	Carb	45.4	N/A	Multilayer	349.3	6.35	7KHXS.7252GC		G-05-018	N/A
	74292			X	II	Carb	45.4	N/A	Multilayer	609.6	6.35	7KHXS.7252GC		G-05-018	N/A
	74292			X	II	Carb	45.4	N/A	Multilayer	63.3	6.35	7KHXS.7252GC		G-05-018	N/A
	74292			X	II	Carb	45.4	N/A	Multilayer	236.2	6.35	7KHXS.7252GC		G-05-018	N/A

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