California Environmental Protection Agency AIR RESOURCES BOARD	MTD Consumer Group Inc.	EXECUTIVE ORDER U-U-020-0052 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.

S.A. = See Attachment

ENGINE DESCRIPTION

MODEL YEAR	MANUFACTURER	ENGINE FAMILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)
2007	Briggs & Stratton Corporation	7BSXS.3442VM (U-U-002-0414) 7BSXS.5012VP (U-U-002-0411) 7BSXS.7242VF (U-U-002-0408)	344 501 724	Gasoline
	Kawasaki Heavy Industries, Ltd.	7KAXS.4312CA (U-U-004-0330) 7KAXS.2872CA (U-U-004-0322) 7KAXS.5852CB (U-U-004-0325) 7KAXS.6752CA (U-U-004-0329)	431 287 585 675	Gasoline
	Kohler Company	7KHXS.5972GB (U-U-005-0243) 7KHXS.6242GC (U-U-005-0244) 7KHXS.7252GB (U-U-005-0238) 7KHXS.7252GC (U-U-005-0246)	597 624 725 725	Gasoline
	Tecumseh Products Company	7TPXS.3582AA (U-U-007-0296)	358	Gasoline

* TBC = To Be Certified

EQUIPMENT DESCRIPTION

MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2007	N/A	5.7, 6.2, 8.5, 9.5, 10.7, 11.4, 11.5, 13.2, 15.1, 17.0, 18.9, 25.5, 37.9, 49.2	Walk-Behind Lawnmower, Riding Mower, Tractor, Commercial Turf, Other OEM Product (Utility Vehicle)

EMISSION CONTROL SYSTEMS (ECS)	EQUIPMENT MODEL
N/A	S.A.

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.

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 EXCUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER	STANDARD	CERTIFICATION LEVEL OR EXECUTIVE ORDER
15	G-05-015-A, G-05-018	N/A	N/A	N/A	N/A

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.

Executed at El Monte, California on this 19 day of January 2007.

Annette Hebert, Chief
Mobile Source Operations Division

E-O-#: U-U-020-0052

MTD For A Growing World

Small Off-Road Evaporative Certification Database Form
(Supplementary Information)

MODEL SUMMARY

S1	S2	S3			S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14
Worst Case (Check One)	Engine or Equipment Model	Sales Codes (check all appropriate)			Engine Class (I or II)	Fuel System (FI or CARB)	Fuel Tank Vol. (Liters)	Fuel Tank Internal Surface Area (m2)	Fuel Line Type	Nominal Fuel Line Length (mm)	Fuel Line Inside Diameter (mm)	Exhaust Family	Fuel Tank Executive Order	Fuel Line Executive Order	Carbon Canister or Other Venting Control Executive Order
		CA Only	49-State	50-State											
	708678			X	II	CARB	18.9	0.12	Multi Layer	609.6	6.4	7KAXS.4312CA	N/A	G-05-015-A	N/A
	708680			X	II	CARB	18.9	0.12	Multi Layer	609.6	6.4	7KAXS.4312CA	N/A	G-05-015-A	N/A
	708682			X	II	CARB	18.9	0.12	Multi Layer	609.6	6.4	7KAXS.4312CA	N/A	G-05-015-A	N/A
	708684			X	II	CARB	18.9	0.12	Multi Layer	609.6	6.4	7KAXS.5852CB	N/A	G-05-015-A	N/A
	708686			X	II	CARB	18.9	0.12	Multi Layer	609.6	6.4	7KAXS.4312CA	N/A	G-05-015-A	N/A
	708687			X	II	CARB	18.9	0.12	Multi Layer	609.6	6.4	7KAXS.5852CB	N/A	G-05-015-A	N/A
	708688			X	II	CARB	18.9	0.12	Multi Layer	609.6	6.4	7KAXS.5852CB	N/A	G-05-015-A	N/A
	708700			X	II	CARB	18.9	0.12	Multi Layer	609.6	6.4	7KAXS.5852CB	N/A	G-05-015-A	N/A
	708702			X	II	CARB	18.9	0.12	Multi Layer	609.6	6.4	7KAXS.5852CB	N/A	G-05-015-A	N/A
	721745			X	II	CARB	37.9	0.28	Multi Layer	1828.8	6.4	7KAXS.6752CA	N/A	G-05-015-A	N/A
	721748			X	II	CARB	37.9	0.28	Multi Layer	1828.8	6.4	7KAXS.6752CA	N/A	G-05-015-A	N/A
	721751			X	II	CARB	37.9	0.28	Multi Layer	1828.8	6.4	7KAXS.6752CA	N/A	G-05-015-A	N/A
	13#17#2####			X	II	CARB	5.7	0.1	Multi Layer	228.6	6.4	7TPXS.3582AA	N/A	G-05-018	N/A
	13#C7#2####			X	II	CARB	5.7	0.1	Multi Layer	330.2	6.4	7BSXS.3442VM	N/A	G-05-018	N/A
	13#D7#1####			X	II	CARB	5.7	0.1	Multi Layer	330.2	6.4	7BSXS.5012VP	N/A	G-05-018	N/A

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	13#J7#5####			X	II	CARB	5.7	0.1	Multi Layer	330.2	6.4	7BSXS.5012VP	N/A	G-05-018	N/A
	13#K1#B####			X	II	CARB	15.1	0.38	Multi Layer	406.4	6.4	7KHXS.7252GB	N/A	G-05-018	N/A
	13#M7#2####			X	II	CARB	5.7	0.1	Multi Layer	330.2	6.4	7BSXS.5012VP	N/A	G-05-018	N/A
	13#N7#1####			X	II	CARB	5.7	0.1	Multi Layer	330.2	6.4	7BSXS.5012VP	N/A	G-05-018	N/A
	13#N7#2####			X	II	CARB	5.7	0.1	Multi Layer	330.2	6.4	7BSXS.5012VP	N/A	G-05-018	N/A
	13#N7#5####			X	II	CARB	5.7	0.1	Multi Layer	330.2	6.4	7BSXS.5012VP	N/A	G-05-018	N/A
	13#N7#T####			X	II	CARB	5.7	0.1	Multi Layer	330.2	6.4	7BSXS.5012VP	N/A	G-05-018	N/A
	13#O7#2####			X	II	CARB	5.7	0.1	Multi Layer	330.2	6.4	7BSXS.5012VP	N/A	G-05-018	N/A
	13#P1#C####			X	II	CARB	13.2	0.38	Multi Layer	406.4	6.4	7KHXS.7252GB	N/A	G-05-018	N/A
	13#P6#5####			X	II	CARB	9.5	0.29	Multi Layer	406.4	6.4	7KHXS.7252GB	N/A	G-05-018	N/A
	13#P6#R####			X	II	CARB	11.4	0.36	Multi Layer	406.4	6.4	7KHXS.7252GB	N/A	G-05-018	N/A
	13#Q1#B####			X	II	CARB	15.1	0.38	Multi Layer	406.4	6.4	7KHXS.7252GB	N/A	G-05-018	N/A
	13#X1#C####			X	II	CARB	11.4	0.29	Multi Layer	381	6.4	7KHXS.5972GB	N/A	G-05-018	N/A
	13#X6#5####			X	II	CARB	9.5	0.29	Multi Layer	317.5	6.4	7KHXS.5972GB	N/A	G-05-018	N/A
	13#X6#R####			X	II	CARB	11.4	0.36	Multi Layer	317.5	6.4	7KHXS.5972GB	N/A	G-05-018	N/A
	13#X6#T####			X	II	CARB	11.4	0.36	Multi Layer	317.5	6.4	7KHXS.5972GB	N/A	G-05-018	N/A
	13#X7#5####			X	II	CARB	6.2	0.2	Multi Layer	279.4	6.4	7KHXS.5972GB	N/A	G-05-018	N/A
	14#-2#2####			X	II	CARB	8.5	0.29	Multi Layer	1295.4	6.4	7KHXS.6242GC	N/A	G-05-018	N/A
	14#-2#7####			X	II	CARB	8.5	0.29	Multi Layer	1295.4	6.4	7KHXS.7252GC	N/A	G-05-018	N/A
	14#-6#1####			X	II	CARB	17	0.56	Multi Layer	1371.6	6.4	7KHXS.7252GC	N/A	G-05-018	N/A
	14#-6#2####			X	II	CARB	17	0.56	Multi Layer	1371.6	6.4	7KHXS.7252GC	N/A	G-05-018	N/A
	14#A8#5####			X	II	CARB	9.5	0.29	Multi Layer	355.6	6.4	7BSXS.7242VF	N/A	G-05-018	N/A
	14#A8#T####			X	II	CARB	11.4	0.36	Multi Layer	355.6	6.4	7BSXS.7242VF	N/A	G-05-018	N/A
	14#K1#B####			X	II	CARB	15.1	0.38	Multi Layer	406.4	6.4	7KHXS.7252GB	N/A	G-05-018	N/A
	14#Q8#5####			X	II	CARB	9.5	0.29	Multi Layer	406.4	6.4	7KHXS.7252GB	N/A	G-05-018	N/A

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	14#Q8#R####			X	II	CARB	9.5	0.29	Multi Layer	406.4	6.4	7KHXS.7252GB	N/A	G-05-018	N/A
	17#A5#7####			X	II	CARB	11.5	0.33	Multi Layer	254	6.4	7KHXS.7252GB	N/A	G-05-018	N/A
	17#C2#C####			X	II	CARB	11.5	0.33	Multi Layer	165.1	6.4	7BSXS.5012VP	N/A	G-05-018	N/A
	17#D2#C####			X	II	CARB	11.5	0.33	Multi Layer	254	6.4	7BSXS.7242VF	N/A	G-05-018	N/A
	17#E2#C####			X	II	CARB	11.5	0.33	Multi Layer	406.4	6.4	7KHXS.5972GB	N/A	G-05-018	N/A
	17#F2#C####			X	II	CARB	11.5	0.33	Multi Layer	254	6.4	7KHXS.7252GB	N/A	G-05-018	N/A
	17#F9#K####			X	II	CARB	10.7	0.35	Multi Layer	1295.4	6.4	7KHXS.7252GB	N/A	G-05-018	N/A
	17#H3#G####			X	II	CARB	18.9	0.14	Multi Layer	762	6.4	7KHXS.7252GC	N/A	G-05-015-A	N/A
	17#I2#C####			X	II	CARB	11.5	0.33	Multi Layer	558.8	6.4	7KAXS.6752CA	N/A	G-05-018	N/A
	17#I3#G####			X	II	CARB	18.9	0.14	Multi Layer	762	6.4	7KAXS.6752CA	N/A	G-05-015-A	N/A
	37#B4#1####			X	II	CARB	25.5	0.61	Multi Layer	889	6.4	7KHXS.6242GC	N/A	G-05-018	N/A
	37#C4#6####			X	II	CARB	25.5	0.61	Multi Layer	660.4	7.94	7KHXS.6242GC	N/A	G-05-018	N/A
	37#C4#7####			X	II	CARB	25.5	0.61	Multi Layer	304.8	7.94	7KHXS.6242GC	N/A	G-05-018	N/A
	37#N4#1####			X	II	CARB	25.5	0.61	Multi Layer	1574.8	6.4	7KAXS.2872CA	N/A	G-05-018	N/A
	53#A5#6####			X	II	CARB	18.9	0.14	Multi Layer	762	6.4	7KHXS.6242GC	N/A	G-05-015-A	N/A
	53#H7#R####			X	II	CARB	37.9	0.28	Multi Layer	1371.6	6.4	7KHXS.7252GC	N/A	G-05-015-A	N/A
X	53#H8#S####			X	II	CARB	37.9	0.28	Multi Layer	1828.8	6.4	7KHXS.7252GC	N/A	G-05-015-A	N/A
	53#I3#G####			X	II	CARB	18.9	0.14	Multi Layer	762	6.4	7KAXS.6752CA	N/A	G-05-015-A	N/A
	53#I8#T####			X	II	CARB	49.2	0.35	Multi Layer	1828.8	6.4	7KAXS.6752CA	N/A	G-05-015-A	N/A
	55#E2#0####			X	II	CARB	18.9	0.12	Multi Layer	609.6	6.4	7KAXS.4312CA	N/A	G-05-015-A	N/A
	55#E2#2####			X	II	CARB	18.9	0.12	Multi Layer	609.6	6.4	7KAXS.4312CA	N/A	G-05-015-A	N/A
	55#G5#4####			X	II	CARB	18.9	0.12	Multi Layer	609.6	6.4	7KAXS.5852CB	N/A	G-05-015-A	N/A

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