California Environmental Protection Agency AIR RESOURCES BOARD	JOHN DEERE	EXECUTIVE ORDER U-U-077-0005-2 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)
See Attachment	See Attachment	See Attachment	See Attachment

* TBC = To Be Certified

EQUIPMENT DESCRIPTION			
MODEL YEAR	**EVAPORATIVE FAMILY**	**FUEL TANK SIZE (liters)**	**EQUIPMENT APPLICATION**
2007	N/A	9.1-45	Commercial Turf, Riding Mower, Tractor, Other OEM Products

EMISSION CONTROL SYSTEMS	EQUIPMENT MODEL
N/A	See Attachment

C=canister S=sealed tank M=metal P=treated HDPE or PE C=coextruded L=selar N=nylon A=acetal O=other

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	PERFORMANCE BASED (g/day)	
STANDARD	**EVAPORATIVE FAMILY EMISSION LIMIT DIFFERENTIAL**	**CERTIFICATION LEVEL**
N/A	N/A	N/A

DESIGN BASED					
FUEL HOSE PERMEATION (g/m^2/day)		**FUEL TANK PERMEATION (g/m^2/day)**		**CARBON CANISTER BUTANE WORKING CAPACITY (g/l)**	
STANDARD	**CERTIFICATION LEVEL OR EXCUTIVE ORDER**	**STANDARD**	**CERTIFICATION LEVEL OR EXECUTIVE ORDER**	**STANDARD**	**CERTIFICATION LEVEL OR EXECUTIVE ORDER**
15	C-U-05-002, C-U-05-006, C-U-05-011, C-U-05-013, G-05-016, G-05-017A, G-05-018, G-05-019	N/A	N/A	N/A	N/A

BE IT FURTHER RESOLVED: That the evaporative family emission limit differential (EFELD), as applicable, is an emission limit declared by the manufacturer for use in the averaging and banking program and in lieu of an emission standard for certification. It serves as the applicable evaporative emission standard for determining compliance of any equipment within this evaporative family under 13 CCR Sections 2754.2(e)(1) and 2765(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.

This Executive Order hereby supersedes Executive Order U-U-077-0005-1 dated October 27, 2006.

Executed at El Monte, California on this 10 day of January 2007.

Annette Hebert, Chief
Mobile Source Operations Division

attachment

ATTACHMENT

ENGINE DESCRIPTION

MANUFACTURER	ENGINE FAMILY (E.O. NUMBER)	ENGINE SIZE (cc)	FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)
BRIGGS & STRATTON CORP.	6BSXS.5012VP (U-U-002-0348) 6BSXS.7242VF (U-U-002-0358-1) 6BSXS.4802HR (U-U-002-0345)	501 724 480	Gasoline
KOHLER COMPANY	6KHXS.4262GC (U-U-005-0222) 6KHXS.7252GC (U-U-005-0228) 6KHXS.4902GB (U-U-005-0224)	426 725 490	Gasoline
KAWASAKI HEAVY INDUSTRIES, LTD.	6KAXS.2872CA (U-U-004-0297) 6KAXS.6752CA (U-U-004-0291) 6KAXS.2502CA (U-U-004-0298) 6KAXS.4722CA (U-U-004-0308) 6KAXS.7452CA (U-U-004-0289) 6KAXS.6172IA (U-U-004-0293) 6KAXS.6752CB (U-U-004-0292) 6KAXS.7452IA (U-U-004-0290) 6KAXS.5852CB (U-U-004-0306) 6KAXS.6172CA (U-U-004-0294) 6KAXS.4902GB (U-U-004-0224) 6KAXS.4012CB (U-U-004-0310) 6KAXS.6172CB (U-U-004-0295) 7KAXS.6172IA (U-U-004-0332)	287 675 250 472 745 617 675 745 585 617 490 401 617 617	Gasoline

* TBC = To Be Certified

EQUIPMENT DESCRIPTION

MODEL YEAR	EVAPORATIVE FAMILY	FUEL TANK SIZE (liters)	EQUIPMENT APPLICATION
2007	N/A	9.1-45	Commercial Turf, Riding Mower, Tractor, Other OEM Products

EMISSION CONTROL SYSTEMS	EQUIPMENT MODEL
N/A	LA100, LA110, 1200A, 1200H, LA120, LA130, LA140, LA150, LA160, 2500B, 2500EH, 647A, 657A, 667A, 717A, 727A, 737, 757, 777, 797, 7G18, 7H17, 7H19, Aercore 800, CS Gator, CX Gator, G15, HPX GATOR, TH GATOR, TS GATOR, TX GATOR, X300, X300R, X304, X320, X324, X340, X500, X520, X534, X540, X700, X720, X724, X728, Z225, Z425, Z445, XUV 620i Gator