| California Environmental Protection Agency AIR RESOURCES BOARD | Kawasaki Heavy Industries, Ltd. | EXECUTIVE ORDER U-U-004-0333-1 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. | 7KAXS.6752CB (U-U-004-0315)<br>7KAXS.7452IA (U-U-004-0316)<br>7KAXS.7452CA (U-U-004-0317)<br>7KAXS.6172CB (U-U-004-0318)<br>7KAXS.5852CA (U-U-004-0319)<br>7KAXS.4012CA (U-U-004-0320)<br>7KAXS.4372CA (U-U-004-0321)<br>7KAXS.2872CA (U-U-004-0322)<br>7KAXS.2502CA (U-U-004-0323)<br>7KAXS.6172CA (U-U-004-0324) | 675<br>745<br>745<br>617<br>585<br>401<br>437<br>287<br>250<br>617 | Gasoline |

* TBC = To Be Certified

| EQUIPMENT DESCRIPTION | | | |
|---|---|---|---|
| **MODEL YEAR** | **EVAPORATIVE FAMILY** | **FUEL TANK SIZE (liters)** | **EQUIPMENT APPLICATION** |
| 2007 | N/A | N/A | Riding Mower, Tractor, Compressor, Pump, Generator Set, Pressure Washer, Tiller, Commercial Turf, Leaf Blower/Vacuum, Utility Vehicle (MULE), Lawn Tractor |

| EMISSION CONTROL SYSTEMS (ECS) | EQUIPMENT MODEL |
|---|---|
| Low Permeation Fuel Hose | 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.

| 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 | C-U-05-006 | * | * | * | * |

**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-004-0333 dated February 16, 2007.

Executed at El Monte, California on this 23 day of February 2007.

Annette Hebert, Chief
Mobile Source Operations Division

Attachment 1 of 1

7KAXS.6752CB
FD680
FD731

7KAXS.7452IA
FD711D
FD791D

7KAXS.7452CA
FD750D-S03
FD750D-S04
FD711D-S00
FD711D-S01
FD671D-S00
FD671D-S02
FD671D-S03
FD750D-S06
FD750D-S07

7KAXS.5852CA
FD590B

7KAXS.4012CA
FE350A
FE400
FE400B

7KAXS.4372CA
FD501D

7KAXS.2872CA
FE290A
FE290D-c

7KAXS.2502CA
FE250A
FE250B

7KAXS.6172CA
FD620B

7KAXS.6172CB
FD620S14
FD620A
FD620B
FD620C