| California Environmental Protection Agency AIR RESOURCES BOARD | KOMATSU ZENOAH COMPANY | EXECUTIVE ORDER U-U-016-0094 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) |
| KOMATSU ZENOAH COMPANY | 7KZXS.0244XY (U-U-016-0086) | 24 | Gasoline |

*** TBC = To Be Certified**

| EQUIPMENT DESCRIPTION | | | |
|---|---|---|---|
| **MODEL YEAR** | **EVAPORATIVE FAMILY** | **FUEL TANK SIZE (liters)** | **EQUIPMENT APPLICATION** |
| 2007 | SP | 0.47, 0.70 | Chainsaw, Line Trimmer, Hedge Trimmer, Edger, Brushcutter |

| EMISSION CONTROL SYSTEMS | ENGINE and/or EQUIPMENT MODEL(S) |
|---|---|
| P | GZ23N20, GZ23N21, GZ23N22, GZ23N23, GZ23N24 |

TANK TYPE: S=sealed M=metal P=treated HDPE or PE C=coextruded L=selar N=nylon A=acetal O=other (specify)

The following are the evaporative emission standard (Title 13, California Code of Regulations, 13 CCR Section 2755 or 2757, as applicable), and certification level in grams per square meter per day ($g/m^2/day$) for this evaporative family or the component Executive Order, as applicable.

| PERFORMANCE BASED or DESIGN BASED | |
|---|---|
| FUEL TANK PERMEATION ($g/m^2/day$) | |
| **STANDARD** | **CERTIFICATION LEVEL OR EXECUTIVE ORDER** |
| 2 | C-U-06-024, C-U-06-025 |

**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 6 day of April 2007.

Annette Hebert, Chief
Mobile Source Operations Division