| California Environmental Protection Agency AIR RESOURCES BOARD | THE TORO COMPANY | **EXECUTIVE ORDER U-U-052-0049** 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) |
| KAWASAKI HEAVY INDUSTRIES, LTD. | 8KAXS.6752CC (U-U-004-0349)<br>8KAXS.6752CD (U-U-004-0359)<br>8KAXS.8522CA (U-U-004-0348) | 675<br>675<br>852 | Gasoline |
| KOHLER COMPANY | 8KHXS.7252GE (U-U-005-0264) | 674, 725 | |

TBC = To Be Certified

| EQUIPMENT DESCRIPTION | | | |
|---|---|---|---|
| **MODEL YEAR** | **EVAPORATIVE FAMILY** | **FUEL TANK SIZE (liters)** | **EQUIPMENT APPLICATION** |
| 2009 | OO9L4XBC | 46.9 | Riding Mower, Commercial Turf |

| | |
|---|---|
| **EQUIPMENT MODELS** | See Attachment |

**BE IT FURTHER RESOLVED:** That the listed equipment is not subject to the evaporative emission standards in 13 CCR Sections 2754 for the aforementioned model-year pursuant to 13 CCR Section 2766(b) (small production volume tank exemption).

**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 23rd day of December 2008.

Raphael Susnowitz

for Annette Hebert, Chief
Mobile Source Operations Division

Attachment, Page 1 of 7

## 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 | | | | | | | | | | | |
| | *Lazer Z* | | | | | | | | | | | | | | |
| | LZZ23KC486 | | | X | II | Carb | 46.9 | NA | Multilayer | 260.4 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | LZZ23KC486 | | | X | II | Carb | 46.9 | NA | Multilayer | 762.0 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | LZZ23KC486 | | | X | II | Carb | 46.9 | NA | Multilayer | 158.8 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | LZZ23KC486 | | | X | II | Carb | 46.9 | NA | Multilayer | 330.2 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | *Lazer Z* | | | | | | | | | | | | | | |
| | LZZ23KC526 | | | X | II | Carb | 46.9 | NA | Multilayer | 260.4 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | LZZ23KC526 | | | X | II | Carb | 46.9 | NA | Multilayer | 762.0 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | LZZ23KC526 | | | X | II | Carb | 46.9 | NA | Multilayer | 158.8 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | LZZ23KC526 | | | X | II | Carb | 46.9 | NA | Multilayer | 330.2 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | *Lazer Z* | | | | | | | | | | | | | | |
| | LZZ27KC526 | | | X | II | Carb | 46.9 | N/A | Multilayer | 260.4 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LZZ27KC526 | | | X | II | Carb | 46.9 | N/A | Multilayer | 762.0 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | LZZ27KC526 | | | X | II | Carb | 46.9 | N/A | Multilayer | 158.8 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | LZZ27KC526 | | | X | II | Carb | 46.9 | N/A | Multilayer | 330.2 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | *Lazer Z* | | | | | | | | | | | | | | |
| | LZZ27KC606 | | | X | II | Carb | 46.9 | NA | Multilayer | 260.4 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | LZZ27KC606 | | | X | II | Carb | 46.9 | NA | Multilayer | 762.0 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | LZZ27KC606 | | | X | II | Carb | 46.9 | NA | Multilayer | 158.8 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | LZZ27KC606 | | | X | II | Carb | 46.9 | NA | Multilayer | 330.2 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | *Lazer Z* | | | | | | | | | | | | | | |
| | LZZ26LKA606 | | | X | II | Carb | 46.9 | NA | Multilayer | 260.4 | 6.35 | 8KAXS.6752CD | N/A | G-05-018 | N/A |
| | LZZ26LKA606 | | | X | II | Carb | 46.9 | NA | Multilayer | 762.0 | 6.35 | 8KAXS.6752CD | N/A | G-05-018 | N/A |
| | LZZ26LKA606 | | | X | II | Carb | 46.9 | NA | Multilayer | 260.4 | 169.9 | 8KAXS.6752CD | N/A | G-05-018 | N/A |
| | LZZ26LKA606 | | | X | II | Carb | 46.9 | NA | Multilayer | 762.0 | 400.0 | 8KAXS.6752CD | N/A | G-05-018 | N/A |
| | *Lazer Z* | | | | | | | | | | | | | | |
| | LZZ23KA526 | | | X | II | Carb | 46.9 | NA | Multilayer | 114.3 | 6.35 | 8KAXS.6752CC | N/A | G-05-018 | N/A |
| | LZZ23KA526 | | | X | II | Carb | 46.9 | NA | Multilayer | 266.7 | 6.35 | 8KAXS.6752CC | N/A | G-05-018 | N/A |
| | LZZ23KA526 | | | X | II | Carb | 46.9 | NA | Multilayer | 160.0 | 6.35 | 8KAXS.6752CC | N/A | G-05-018 | N/A |
| | LZZ23KA526 | | | X | II | Carb | 46.9 | NA | Multilayer | 199.9 | 6.35 | 8KAXS.6752CC | N/A | G-05-018 | N/A |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *Lazer Z* | | | | | | | | | | | | | | |
| | LZZ29KA606 | | | X | II | Carb | 46.9 | NA | Multilayer | 114.3 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | LZZ29KA606 | | | X | II | Carb | 46.9 | NA | Multilayer | 266.7 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | LZZ29KA606 | | | X | II | Carb | 46.9 | NA | Multilayer | 140.0 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | LZZ29KA606 | | | X | II | Carb | 46.9 | NA | Multilayer | 195.1 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | *Lazer Z* | | | | | | | | | | | | | | |
| | LZAS23KC524 | | | X | II | Carb | 46.9 | NA | Multilayer | 114.3 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | LZAS23KC524 | | | X | II | Carb | 46.9 | NA | Multilayer | 889.0 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | LZAS23KC524 | | | X | II | Carb | 46.9 | NA | Multilayer | 330.2 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | LZAS23KC524 | | | X | II | Carb | 46.9 | NA | Multilayer | 158.8 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | *Lazer Z* | | | | | | | | | | | | | | |
| | LZAS27KC524 | | | X | II | Carb | 46.9 | NA | Multilayer | 114.3 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | LZAS27KC524 | | | X | II | Carb | 46.9 | NA | Multilayer | 889.0 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | LZAS27KC524 | | | X | II | Carb | 46.9 | NA | Multilayer | 330.2 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | LZAS27KC524 | | | X | II | Carb | 46.9 | NA | Multilayer | 158.8 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | *Lazer Z* | | | | | | | | | | | | | | |
| | LZAS25KC604 | | | X | II | Carb | 46.9 | NA | Multilayer | 114.3 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | LZAS25KC604 | | | X | II | Carb | 46.9 | NA | Multilayer | 889.0 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | LZAS25KC604 | | | X | II | Carb | 46.9 | NA | Multilayer | 330.2 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | LZAS25KC604 | | | X | II | Carb | 46.9 | NA | Multilayer | 158.8 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | *Lazer Z* | | | | | | | | | | | | | | |
| | LZAS27KC604 | | | X | II | Carb | 46.9 | NA | Multilayer | 114.3 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | LZAS27KC604 | | | X | II | Carb | 46.9 | NA | Multilayer | 889.0 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | LZAS27KC604 | | | X | II | Carb | 46.9 | NA | Multilayer | 330.2 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | LZAS27KC604 | | | X | II | Carb | 46.9 | NA | Multilayer | 158.8 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | *Lazer Z* | | | | | | | | | | | | | | |
| | LZZ29KA526 | | | X | II | Carb | 46.9 | NA | Multilayer | 114.3 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | LZZ29KA526 | | | X | II | Carb | 46.9 | NA | Multilayer | 266.7 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | LZZ29KA526 | | | X | II | Carb | 46.9 | NA | Multilayer | 160.0 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | LZZ29KA526 | | | X | II | Carb | 46.9 | NA | Multilayer | 199.9 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | *Z Master* | | | | | | | | | | | | | | |
| | 74901 | | | X | II | Carb | 46.9 | NA | Multilayer | 114.3 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | 74901 | | | X | II | Carb | 46.9 | NA | Multilayer | 889.0 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | 74901 | | | X | II | Carb | 46.9 | NA | Multilayer | 140.0 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | 74901 | | | X | II | Carb | 46.9 | NA | Multilayer | 195.0 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | *Z Master* | | | | | | | | | | | | | | |



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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 74903 | | | X | II | Carb | 46.9 | NA | Multilayer | 114.3 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | 74903 | | | X | II | Carb | 46.9 | NA | Multilayer | 889.0 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | 74903 | | | X | II | Carb | 46.9 | NA | Multilayer | 140.0 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | 74903 | | | X | II | Carb | 46.9 | NA | Multilayer | 195.0 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | *Z Master* | | | | | | | | | | | | | | |
| | 74915 | | | X | II | Carb | 46.9 | NA | Multilayer | 260.4 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | 74915 | | | X | II | Carb | 46.9 | NA | Multilayer | 762.0 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | 74915 | | | X | II | Carb | 46.9 | NA | Multilayer | 158.8 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | 74915 | | | X | II | Carb | 46.9 | NA | Multilayer | 330.2 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | *Z Master* | | | | | | | | | | | | | | |
| | 74917 | | | X | II | Carb | 46.9 | NA | Multilayer | 260.4 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | 74917 | | | X | II | Carb | 46.9 | NA | Multilayer | 63.5 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | 74917 | | | X | II | Carb | 46.9 | NA | Multilayer | 140.0 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | 74917 | | | X | II | Carb | 46.9 | NA | Multilayer | 195.0 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | *Z Master* | | | | | | | | | | | | | | |
| | 74921 | | | X | II | Carb | 46.9 | NA | Multilayer | 260.4 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | 74921 | | | X | II | Carb | 46.9 | NA | Multilayer | 762.0 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | 74921 | | | X | II | Carb | 46.9 | NA | Multilayer | 236.2 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 74921 | | | X | II | Carb | 46.9 | NA | Multilayer | 330.2 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | Z Master | | | | | | | | | | | | | | |
| | 74923 | | | X | II | Carb | 46.9 | NA | Multilayer | 260.4 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | 74923 | | | X | II | Carb | 46.9 | NA | Multilayer | 762.0 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | 74923 | | | X | II | Carb | 46.9 | NA | Multilayer | 236.2 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | 74923 | | | X | II | Carb | 46.9 | NA | Multilayer | 330.2 | 6.35 | 8KHXS.7252GE | N/A | G-05-018 | N/A |
| | Z Master | | | | | | | | | | | | | | |
| | 74925 | | | X | II | Carb | 46.9 | NA | Multilayer | 260.4 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | 74925 | | | X | II | Carb | 46.9 | NA | Multilayer | 63.5 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | 74925 | | | X | II | Carb | 46.9 | NA | Multilayer | 140.0 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | 74925 | | | X | II | Carb | 46.9 | NA | Multilayer | 195.0 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | Z Master | | | | | | | | | | | | | | |
| | 74927 | | | X | II | Carb | 46.9 | NA | Multilayer | 260.4 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | 74927 | | | X | II | Carb | 46.9 | NA | Multilayer | 63.5 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | 74927 | | | X | II | Carb | 46.9 | NA | Multilayer | 140.0 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | 74927 | | | X | II | Carb | 46.9 | NA | Multilayer | 195.0 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | Z Master | | | | | | | | | | | | | | |
| | 74935 | | | X | II | Carb | 46.9 | NA | Multilayer | 260.4 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |



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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 74935 | | | X | II | Carb | 46.9 | NA | Multilayer | 63.5 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | 74935 | | | X | II | Carb | 46.9 | NA | Multilayer | 140.0 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | 74935 | | | X | II | Carb | 46.9 | NA | Multilayer | 195.0 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | Z Master | | | | | | | | | | | | | | |
| | 74937 | | | X | II | Carb | 46.9 | NA | Multilayer | 260.4 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | 74937 | | | X | II | Carb | 46.9 | NA | Multilayer | 63.5 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | 74937 | | | X | II | Carb | 46.9 | NA | Multilayer | 140.0 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | 74937 | | | X | II | Carb | 46.9 | NA | Multilayer | 195.0 | 6.35 | 8KAXS.8522CA | N/A | G-05-018 | N/A |
| | | | | | | | | | | | | | | | |

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



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