

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-14-012;

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. | See Attachment A | See Attachment A | Gasoline |
| Briggs & Stratton Corporation | See Attachment A | See Attachment A | |
| Kohler Company | See Attachment A | See Attachment A | |
| * TBC = To Be Certified | | | |
| EQUIPMENT DESCRIPTION | | | |
| MODEL YEAR | EVAPORATIVE FAMILY | FUEL TANK SIZE (liters) | EQUIPMENT APPLICATION |
| 2015 | CC1 | See Attachment B | Riding Mower, Tractor, Utility Vehicle, Commercial Turf, Bunker Rake, Aerator |
| EMISSION CONTROL SYSTEMS (ECS) | | ENGINE and/or EQUIPMENT MODEL | |
| Canister/Co-extruded | | See Attachment B | |
| <small>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.</small> | | | |

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/m²/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 EXECUTIVE ORDER | STANDARD | CERTIFICATION LEVEL OR EXECUTIVE ORDER | STANDARD | CERTIFICATION LEVEL OR EXECUTIVE ORDER |
| 15 | C-U-05-002, C-U-05-013, C-U-06-030, G-05-016, Q-08-013, G-05-017A, G-05-018, Q-14-008 | 1.5 | * | 1.4 | C-U-06-015, C-U-07-010, Q-09-027, Q-08-031 |

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-077-0048-3 dated April 8, 2015.

Executed at El Monte, California on this 10 day of August 2015.


 Annette Hebert, Chief
 Emissions Compliance, Automotive Regulations and Science Division

Attachment A

| 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 Corporation | FBSXS.4792HH (U-U-002-0883) FBSXS.5402VL (U-U-002-0867) FBSXS.7242VA (U-U-002-0869) FBSXS.7242VE (U-U-002-0870) EBSXS.4792HH (U-U-002-0833) EBSXS.5402VL (U-U-002-0808) EBSXS.7242VA (U-U-002-0821) EBSXS.7242VO (U-U-002-0843) DBSXS.7242VA (U-U-002-00747-2) DBSXS.4792HH (U-U-002-0739) DBSXS.5402VL (U-U-002-0744-1) | 479 540 656, 724 | Gasoline |
| Kohler Company | EKHXS.6742GC (U-U-005-0413-1) DKHXS.6742GC (U-U-005-0392-1) FKHXS.6742GC(U-U-005-0450) | 674 | Gasoline |
| Kawasaki Heavy Industries, Ltd. | DKAXS.8522CA (U-U-004-0539) DKAXS.7262CA (U-U-004-0547) DKAXS.7262CC (U-U-004-0549) DKAXS.4012CC (U-U-004-0565) DKAXS.4012CD (U-U-004-0556) DKAXS.6032CA (U-U-004-0555) DKAXS.6172CC (U-U-004-0551) EKAXS.4012CC (U-U-004-0591) EKAXS.4012CD (U-U-004-0589) EKAXS.6032CA (U-U-004-0581) EKAXS.6172CC (U-U-004-0577) EKAXS.7262CA (U-U-004-0583) EKAXS.7262CC (U-U-004-0579) EKAXS.8522CA (U-U-004-0573) FKAXS.8522CA (U-U-004-0613) FKAXS.7262CA (U-U-004-0609) FKAXS.7262CC (U-U-004-0611) FKAXS.4012CC (U-U-004-0622) FKAXS.6032CA (U-U-004-0619) FKAXS.6172CC (U-U-004-0608) FKAXS.6172IC (U-U-004-0625) FKAXS.6172CD (U-U-004-0628) | 352, 401, 603, 617, 726, 852 | Gasoline |

**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 | | | Total | Nominal | | | | | | | | |
| | A40 Aercore | | | X | II | carb | 37.9 | 34.1 | 0.76 | Multi-layer | 1000 | 6.35 | DKHXS.6742GC EKHXS.6742GC FKHXS.6742GC | Exempt-coextruded | C-U-05-013 G-05-017A G-05-018 Q-14-008 | Q-08-031 |
| | 1200A | | | X | II | carb | 15.0 | 13.6 | 0.41 | Multi-Layer | 2100 | 6.35 | DKAXS.4012CD EKAXS.4012CD FKAXS.4012CD | Exempt-coextruded | C-U-05-013 G-05-018 Q-8-013 Q-14-008 | C-U-07-010 |
| | 1200H | | | X | II | carb | 18.9 | 14.8 | 0.42 | Multi-layer | 525 | 6.35 | DBSXS.4792HH EBSXS.4792HH FBSXS.4792HH | Exempt-coextruded | C-U-05-002 C-U-05-013 C-U-06-030 G-05-016 G-05-018 Q-14-008 | C-U-06-015 |
| | 2500B, 2500E Hybrid | | | X | II | carb | 42.8 | 29.9 | 0.95 | Multi-Layer | 475 | 6.35 | DKAXS.6172CC EKAXS.6172CC FKAXS.6172CC | Exempt-coextruded | C-U-05-013 G-05-018 Q-08-013 Q-14-008 | Q-08-031 |
| | D110 | X | X | | II | carb | 12.1 | 9.1 | 0.35 | Multi-Layer | 1980 | 6.35 | DBSXS.5402VL EBSXS.5402VL FBSXS.5402VL | Exempt-coextruded | C-U-05-002 C-U-05-013 C-U-06-030 G-05-016 G-05-018 Q-14-008 | C-U-06-015 |
| | D125 | X | X | | II | Carb | 12.1 | 9.1 | 0.35 | Multi-Layer | 1980 | 6.35 | DBSXS.7242VA EBSXS.7242VA EBSXS.7242VO FBSXS.7242VE | Exempt-coextruded | C-U-05-002 C-U-05-013 C-U-06-030 G-05-016 G-05-018 Q-14-008 | C-U-06-015 |
| | D130, D140, | X | X | | II | carb | 12.1 | 9.1 | 0.35 | Multi-Layer | 2215 | 6.35 | DBSXS.7242VA EBSXS.7242VA EBSXS.7242VO FBSXS.7242VE | Exempt-coextruded | C-U-05-002 C-U-05-013 C-U-06-030 G-05-016 G-05-018 Q-14-008 | C-U-06-015 |

| 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 | | | Total | Nominal | | | | | | | | |
| | D155 | X | X | | II | carb | 12.1 | 9.1 | 0.35 | Multi-Layer | 2215 | 6.35 | EBSXS.7242VA FBSXS.7242VA | Exempt-coextruded | C-U-05-002 C-U-05-013 C-U-06-030 G-05-016 G-05-018 Q-14-008 | C-U-06-015 |
| | D160, D170 | X | X | | II | carb | 12.1 | 9.1 | 0.35 | Multi-Layer | 2215 | 6.35 | DBSXS.7242VA EBSXS.7242VA FBSXS.7242VA | Exempt-coextruded | C-U-05-002 C-U-05-013 C-U-06-030 G-05-016 G-05-018 Q-14-008 | C-U-06-015 |
| | S240 | X | X | | II | Carb | 12.1 | 9.1 | 0.35 | Multi-Layer | 1980 | 6.35 | DKAXS.6032CA EKAXS.6032CA FKAXS.6032CA | Exempt-coextruded | C-U-05-013 G-05-018 Q-8-013 Q-14-008 | C-U-06-015 |
| | TS Gator | | | X | II | carb | 22.3 | 18.9 | 0.54 | Multi-Layer | 1050 | 6.35 | DKAXS.4012CD EKAXS.4012CD FKAXS.4012CC | Exempt-coextruded | C-U-05-013 G-05-018 Q-8-013 Q-14-008 | C-U-06-015 |
| | TX Gator | X | X | | II | carb | 22.3 | 18.9 | 0.54 | Multi-Layer | 1230 | 6.35 | DKAXS.4012CC EKAXS.4012CC FKAXS.4012CC | Exempt-coextruded | C-U-05-013 G-05-018 Q-8-013 Q-14-008 | C-U-06-015 |
| | TX Turf Gator | | | X | II | carb | 22.3 | 18.9 | 0.54 | Multi-Layer | 1230 | 6.35 | DKAXS.4012CC EKAXS.4012CC FKAXS.4012CC | Exempt-coextruded | C-U-05-013 G-05-018 Q-8-013 Q-14-008 | C-U-06-015 |
| | X300, X304 | X | X | | II | carb | 13.7 | 12.5 | 0.52 | Multi-Layer | 1900 | 6.35 | DKAXS.6032CA EKAXS.6032CA FKAXS.6032CA | Exempt-coextruded | C-U-05-013 G-05-018 Q-8-013 Q-14-008 | C-U-06-015 |
| | X300R | X | X | | II | carb | 9.0 | 7.6 | 0.43 | Multi-Layer | 1385 | 6.35 | DKAXS.6032CA EKAXS.6032CA FKAXS.6032CA | Exempt-coextruded | C-U-05-013 G-05-018 Q-8-013 Q-14-008 | C-U-06-015 |
| | X320 | X | X | | II | carb | 13.7 | 12.5 | 0.52 | Multi-Layer | 1900 | 6.35 | DKAXS.7262CA EKAXS.7262CA FKAXS.7262CA | Exempt-coextruded | C-U-05-013 G-05-018 Q-8-013 Q-14-008 | C-U-06-015 |

| 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 | | | Total | Nominal | | | | | | | | |
| | X500 | X | X | | II | carb | 19.3 | 16.7 | 0.88 | Multi-Layer | 1900 | 6.35 | DKAXS.7262CA EKAXS.7262CA FKAXS.7262CA | Exempt-coextruded | C-U-05-013 G-05-018 Q-8-013 Q-14-008 | C-U-06-015 |
| | Z235, Z255 | X | X | | II | carb | 12.1 | 7.9 | 0.35 | Multi-Layer | 1295 | 6.35 | DBSXS.7242VA EBSXS.7242VA EBSXS.7242VO FBSXS.7242VE | Exempt-coextruded | C-U-05-002 C-U-05-013 C-U-06-030 G-05-016 G-05-018 Q-14-008 | C-U-06-015 |
| | Z425 | X | X | | II | carb | 15.4 | 13.2 | 0.45 | Multi-Layer | 1200 | 6.35 | DBSXS.7242VA EBSXS.7242VA FBSXS.7242VA | Exempt-coextruded | C-U-05-002 C-U-05-013 C-U-06-030 G-05-016 G-05-018 Q-14-008 | C-U-06-015 |
| | Z920M | X | X | X | II | Carb | 48.3 | 42.3 | 1.2 | Multi-Layer | 1055 | 6.35 | DKAXS.7262CC EKAXS.7262CC FKAXS.7262CA | Exempt-coextruded | C-U-05-013 G-05-017A G-05-018 Q-14-008 | Q-09-027 |
| X | Z930M | X | X | | II | Carb | 48.3 | 42.3 | 1.2 | Multi-Layer | 855 | 6.35 | DKAXS.8522CA EKAXS.8522CA FKAXS.8522CA | Exempt-coextruded | C-U-05-013 G-05-017A G-05-018 Q-14-008 | Q-09-027 |
| | XUV625i | | | X | II | FI | 31.4 | 29.5 | 0.5 | Multi-Layer | 1610 | 6.35 | FKAXS.6172IC | Exempt-coextruded | C-U-05-013 G-05-018 Q-8-013 Q-14-008 | Q-08-031 |
| | HPX Gator | | | X | II | carb | 25.0 | 20.0 | 0.48 | Multi-Layer | 1230 | 6.35 | FKAXS.6172CD | Exempt-coextruded | C-U-05-013 G-05-018 Q-8-013 Q-14-008 | Q-08-031 |

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