## THE TORO COMPANY

EXECUTIVE ORDER U-U-052-0273 New Off-Road Small Spark-Ignition Equipment

Pursuant to the authority vested in California 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-19-095;

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 DE                                 | SCRIPTION             |                     |  |  |  |  |  |  |  |
|--|-------------------------|---|-----------------------|---------------------|--|--|--|--|--|--|--|
|  | MANUFACTURER            | ENGINE FAMILY                             | (E.O. NUMBER)         | ENGINE<br>SIZE (cc) | FUEL TYPE (CNG/LNG=compressed/liquefied natural gas LPG=liquefied petroleum gas)                               |  |  |  |  |  |  |
|  | KOHLER COMPANY          | KKHXS.6742GC                              | (U-U-005-0607)        | 674                 | Gasoline   |  |  |  |  |  |  |
| S.A. = See Attachment TBC = To Be Certified  EQUIPMENT DESCRIPTION |                         |   |                       |                     |  |  |  |  |  |  |  |
| MODEL<br>YEAR  | EVAPORATIVE FAMILY      | FUEL TANK<br>NOMINAL CAPACITY<br>(liters) | EQUIPMENT APPLICATION |                     |  |  |  |  |  |  |  |
| 2020   | L4XCOLBE                | 21.59                                     | Utility Cart/Vehicle  |                     |  |  |  |  |  |  |  |
| EMISSIO  | N CONTROL SYSTEMS (ECS) | ENGINE and/or EQUIPMENT MODEL             |                       |                     |  |  |  |  |  |  |  |
|  | Canister/Other          | See Attachment                            |                       |                     |  |  |  |  |  |  |  |
| Code:- Met   |                         | ed=C Selar=L Nylon=N Acetal               | =A Other=O B. EVAPO   | RATIVE FAMILY       | Other=O 2. Tank Barrier Type and 2.Letter CODE (Venting Control Codes pe or code. Do not use abbreviations for |  |  |  |  |  |  |

The following are the evaporative emission standards (Title 13, California Code of Regulations, 13 CCR Section 2754, as applicable), and certification levels in g organic material hydrocarbon equivalent day or g ROG·m²-day or grams per liter for this evaporative family or the component Executive Order, as applicable. The running loss emissions control has been demonstrated by the manufacturer.

| DIURNAL EMISSION STANDARD (g organic material hydrocarbon equivalent day 1) |  |          |  |   |                    |  |  |  |  |  |
|---|--|----------|--|---|--------------------|--|--|--|--|--|
| 1.20 + 0.056 × Nominal Capacity (L)   |  |          |  |   |                    |  |  |  |  |  |
|   | INE PERMEATION<br>ROG·m <sup>-2</sup> ·day <sup>-1</sup> ) |          | ANK PERMEATION<br>ROG·m <sup>-2</sup> ·day <sup>-1</sup> ) | CARBON CANISTER BUTANE WORKING CAPACITY (grams per liter) |                    |  |  |  |  |  |
| STANDARD  | CERTIFICATION LEVEL OR EXECUTIVE ORDER                     | STANDARD | CERTIFICATION LEVEL OR EXECUTIVE ORDER                     | STANDARD  | OR EXECUTIVE ORDER |  |  |  |  |  |
| 15  | Q-19-003 (G-05-018),<br>Q-19-002 (Q-14-008)                |          | Q-19-109A (Q-08-027A)                                      | 1.4 Q-19-066 (C-U-07-01                                   |                    |  |  |  |  |  |

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), Section 2774 (bond requirements) 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 evaporative 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 \_\_\_\_\_ day of January 2020.

Allen Lyons, Chief

Emissions Certification and Compliance Division

For CARB Use Only
Executive Order: U-U- 052 -0273
Attachment I of I

## **Small Off-Road Evaporative Certification Database Form**

## **MODEL SUMMARY**

| S1.                             | S2.            | S          | 3.  | S4. | S5.                               | S6.                          |         | <b>S</b> 7.                                 | S8.  | <b>S</b> 9.                         | S10.                                    | S11.          | S12.                            | S13.   | S14.   |
|---------------------------------|----------------|------------|---|-----|-----------------------------------|------------------------------|---------|---|--|-------------------------------------|---|---------------|---------------------------------|--|--|
| Worst<br>Case<br>(Check<br>One) | Case<br>(Check |            | Sales Codes<br>(check all<br>appropriate) |     | Fuel<br>System<br>(FI or<br>CARB) | Fuel Tank Volume<br>(Liters) |         | Fuel<br>Tank<br>Internal<br>Surface<br>Area | Fuel Line<br>Type<br>(e.g.<br>Single<br>or | Nomi<br>nal<br>Fuel<br>Line<br>Leng | Fuel Line<br>Inside<br>Diameter<br>(mm) | Engine Family | Fuel Tank<br>Executive<br>Order | Fuel Line<br>Executive<br>Order                  | Carbon Canister (or Working Capacity (g/L))/ |
|                                 |                | CA<br>Only | 50-<br>State                              |     |                                   | Total                        | Nominal | (m²)  | Multi-layer)                               | th <sup>(1)</sup><br>(mm)           | ·                                       |               |                                 |  | Other Venting Control Executive Order        |
|                                 | 07369          |            | ×   | 11  | CARB                              | 28.79                        | 21.59   | 0.650                                       | Multilayer                                 | 2024                                | 6.35                                    | KKHXS.6742GC  | Q-19-109A<br>(Q-08-<br>027A)    | Q-19-003<br>(G-05-018)<br>Q-19-002<br>(Q-14-008) | Q-19-066<br>(C-U-07-<br>016A)                |
|                                 |                |            |   |     |                                   |                              |         |   |  |                                     |   |               |                                 |  |  |

<sup>(1)</sup> The nominal fuel line lengths can be grouped into increment of  $\pm$  3 inches (76 mm)