

**State of California
AIR RESOURCES BOARD**

EXECUTIVE ORDER RM-17-008

Spark-Ignition Marine Watercraft Evaporative Emissions System Components

**Trident Rubber Inc.
Fuel Hose**

WHEREAS, pursuant to California Health and Safety Code, sections 39600, 39601, and 43013, the California Air Resources Board (ARB) has established a certification process for evaporative emissions system components designed to control gasoline emissions from spark-ignition marine watercraft (SIMW), as described in California Code of Regulations, title 13, section 2856;

WHEREAS, pursuant to California Health and Safety Code, section 43013, ARB has established criteria and test procedures for determining the compliance of evaporative emissions system components with the design requirements in Cal. Code Regs., title 13, section 2855;

WHEREAS, pursuant to Cal. Code Regs., title 13, section 2856, ARB Executive Officer may issue an executive order (EO) if he or she determines that SIMW evaporative emissions system components conform to the applicable performance requirements set forth in Cal. Code Regs., title 13, section 2855; and

WHEREAS, pursuant to California Health and Safety Code, sections 39515 and 39516, ARB Executive Officer issued EO G-17-006 delegating to the Chief of ARB Monitoring and Laboratory Division (MLD) the authority to certify SIMW evaporative system components.

NOW, THEREFORE, I, Michael T. Benjamin, Chief of MLD, find that the Trident Rubber Inc. fuel hose representative models, 365 and 319, conform with the 10 grams/meter²/day permeation performance requirements set forth in Cal. Code Regs., title 13, section 2855, when tested at a constant temperature of 23°C pursuant to test procedure TP-1504 using an approved test fuel of CE10.

IT IS ORDERED AND RESOLVED that the Trident Rubber Inc. fuel hose models listed in Table 1 with 0.012 in +/- 0.008 in minimum barrier thickness are certified for use in SIMW introduced into commerce in California.

Table 1

| Models and Specifications for Trident Rubber Inc. fuel hoses 365 and 319 | | | |
|--|-------------------------------|--------------------------------------|--|
| Component Type Model Number | Nominal Inside Diameters (in) | Minimum Nylon Barrier Thickness (in) | Test Emission Rate (grams/meter ² /day) |
| 365 | 0.250 +/- 0.02 or greater | 0.012 +/- 0.008 | 10 |
| 319 | 0.250 +/- 0.02 or greater | 0.012 +/- 0.008 | 9 |

*Manufacturer-designated representative for the fuel hose family

IT IS FURTHER ORDERED that Trident Rubber Inc. shall provide a warranty to watercraft manufacturers purchasing any of the Trident Rubber Inc. fuel hose models listed in Table 1. The warranty must conform to the requirements of Cal. Code Regs., title 13, section 2861.

IT IS FURTHER ORDERED that the certified Trident Rubber Inc. fuel hose models listed in Table 1 shall be installed in accordance with the manufacturer's installation and use instructions for the Trident Rubber Inc. fuel hose models. A copy of this EO and fuel hose installation and use instructions shall be provided to original watercraft manufacturers purchasing Trident Rubber Inc. fuel hose models listed in Table 1 for installation on spark-ignition marine engines and watercraft introduced into commerce in California.

IT IS FURTHER ORDERED that the Trident Rubber Inc. fuel hose models listed in Table 1 and introduced into commerce in California shall be clearly identified by a permanent identification.

IT IS FURTHER ORDERED that any alteration to the Trident Rubber Inc. fuel hose models listed in Table 1 and certified hereby is prohibited. Any alteration or modification of the designs approved by this EO will require the manufacturer to apply for a new EO.


IT IS FURTHER ORDERED that the Trident Rubber Inc. fuel hose models as listed in Table 1 shall be compatible with fuels in common use in California at the time of certification, and any modifications to comply with future California fuel requirements shall be approved in writing by the Executive Officer or Executive Officer's delegate.

BE IT FURTHER RESOLVED that the components listed in Table 1 are conditionally certified based on the statements of compliance in the manufacturer's Conditional Component Certification Compliance Letter. The manufacturer is required to demonstrate compliance with all applicable California evaporative emission standards and requirements, including submission of a complete component certification application, within 90 days of the date of this Executive Order.

BE IT FURTHER RESOLVED that failure to adequately demonstrate compliance within 90 days shall be cause for the Air Resources Board to revoke this Executive Order and it will become null and void ab initio. Components introduced into commerce under the revoked Executive Order shall be deemed uncertified, and the component manufacturer may be subject to enforcement actions.

IT IS FURTHER ORDERED that the component certification of the Trident Rubber Inc. fuel hose models listed in Table 1 can be referenced in certification applications for spark-ignition marine engines and watercraft that use spark-ignition marine engines unless the Executive Officer finds that the Trident Rubber Inc. fuel hose models listed in Table 1 no longer meet the performance requirements set forth in Cal. Code Regs., title 13, section 2855, when tested pursuant to Cal. Code Regs., title 13, section 2864.

Executed at Sacramento, California, this 21st day of April 2017.


Dr. Michael T. Benjamin, Chief
Monitoring and Laboratory Division