

**State of California
AIR RESOURCES BOARD**

EXECUTIVE ORDER RM-18-014

Spark-Ignition Marine Watercraft Evaporative Emissions System Components

**SeaStar Solutions
Fuel Hose**

WHEREAS, pursuant to California Health and Safety Code, sections 39600, 39601, and 43013, the California Air Resources Board (CARB) 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, CARB has established criteria and test procedures for determining the compliance of evaporative emissions system components with the design requirements in Cal. Code Regs., tit. 13, § 2855;

WHEREAS, pursuant to Cal. Code Regs., tit. 13, § 2856, CARB 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., tit. 13, § 2855; and

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

NOW, THEREFORE, I, Catherine Dunwoody, Chief of MLD, find that the SeaStar Solutions fuel hose representative models, Shields Series 375 and Kongsberg Lifeflex T1765, listed in Table 1, contingent upon completion of required testing, are hereby conditionally certified to conform with performance requirements set forth in Cal. Code Regs., tit. 13, § 2855, when tested pursuant to TP-1504.

IT IS ORDERED AND RESOLVED that the SeaStar Solutions fuel hose models listed in Table 1 with .030" +/- .003" minimum barrier thickness are conditionally certified for use in SIMW introduced into commerce in California.

Table 1

Models and Specifications for SeaStar Solutions Fuel Hose			
Component Type Model Number	Nominal Inside Diameters (in)	Minimum Fluorocomp Barrier Thickness (in)	Test Emission Rate (grams/meter ² /day)
Shields Series 375	3/16" - 5/8"	.030" +/- .003"	< 10.0
Kongsberg Lifeflex T1765-XX	3/16" - 5/8"	.030" +/- .003"	< 10.0

IT IS FURTHER ORDERED that SeaStar Solutions shall provide a warranty to watercraft manufacturers purchasing any of the SeaStar Solutions fuel hose models listed in Table 1. The warranty must conform to the requirements of Cal. Code Regs., tit. 13, § 2861.

IT IS FURTHER ORDERED that the conditionally certified SeaStar Solutions fuel hose models listed in Table 1 shall be installed in accordance with the manufacturer's installation and use instructions for the SeaStar Solutions fuel hose models. A copy of this EO and fuel hose installation and use instructions shall be provided to original watercraft manufacturers purchasing SeaStar Solutions 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 SeaStar Solutions fuel hose models listed in Table 1 and introduced into commerce in California shall be clearly identified by a permanent identification that includes Shields Hose Series 116-375, RM 18-014.

IT IS FURTHER ORDERED that any alteration to the SeaStar Solutions fuel hose models listed in Table 1 and conditionally 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.

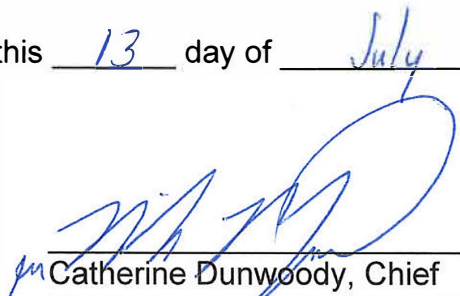
IT IS FURTHER ORDERED that the SeaStar Solutions fuel hose models as listed in Table 1 shall be compatible with fuels in common use in California at the time of conditional certification, and any modifications to comply with future California fuel requirements shall be approved in writing by the Executive 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 120 days of the date of this Executive Order.

BE IT FURTHER RESOLVED that failure to adequately demonstrate compliance within 120 days shall be cause for the CARB 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 conditional component certification of the SeaStar Solutions 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 SeaStar Solutions fuel hose models listed in Table 1 no longer meet the performance requirements set forth in Cal. Code Regs., tit. 13, § 2855, when tested pursuant to Cal. Code Regs., tit. 13, § 2864.

Executed at Sacramento, California, this 13 day of July 2018.



Catherine Dunwoody, Chief
Monitoring and Laboratory Division