

**State of California
AIR RESOURCES BOARD**

EXECUTIVE ORDER RM-19-002

Spark-Ignition Marine Watercraft Evaporative Emissions System Components

**Kawasaki Motors Corp., U.S.A.
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, Catherine Dunwoody, Chief of MLD, find that the Kawasaki Motors Corp., U.S.A. fuel hose representative model, LKAXPLINE012, conforms 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 40°C pursuant to test procedure SAE J1737 using an approved test fuel of CE10.

IT IS ORDERED AND RESOLVED that the Kawasaki Motors Corp., U.S.A. fuel hose models listed in Table 1 with 0.250 +0.200/-0.150 mm minimum barrier thickness are certified for use in SIMW introduced into commerce in California.

Table 1

Models and Specifications for Kawasaki Motors Corp., U.S.A. Fuel Hose			
Component Type Model Number	Nominal Inside Diameters (mm)	Minimum EFTE Barrier Thickness (mm)	Test Emission Rate (grams/meter ² /day)
LKAXPLINE012	6.000 +/- 0.100 or greater	0.250 +0.200/- 0.150	<10

IT IS FURTHER ORDERED that Kawasaki Motors Corp., U.S.A. shall provide a warranty to watercraft manufacturers purchasing any of the Kawasaki Motors Corp., U.S.A. 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 Kawasaki Motors Corp., U.S.A. fuel hose models listed in Table 1 shall be installed in accordance with the manufacturer's installation and use instructions for the Kawasaki Motors Corp., U.S.A. fuel hose models. A copy of this EO and fuel hose installation and use instructions shall be provided to original watercraft manufacturers purchasing Kawasaki Motors Corp., U.S.A. 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 Kawasaki Motors Corp., U.S.A. fuel hose models listed in Table 1 and introduced into commerce in California shall be clearly identified by a permanent identification that includes EPA-KAX-012.

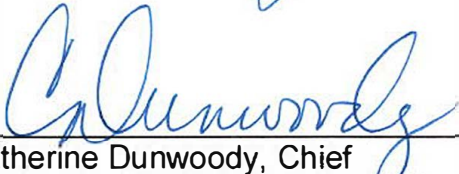
IT IS FURTHER ORDERED that any alteration to the Kawasaki Motors Corp., U.S.A. fuel hose models listed in Table 1 and certified hereby is prohibited. Any alteration or modification of the designs approved by this EO will require the manufacturer to apply for a new EO.

IT IS FURTHER ORDERED that the Kawasaki Motors Corp., U.S.A. 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.

IT IS FURTHER ORDERED that the component certification of the Kawasaki Motors Corp., U.S.A. 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 Kawasaki Motors Corp., U.S.A. 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 31st day of January 2019.



Catherine Dunwoody, Chief
Monitoring and Laboratory Division

