

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER Q-16-001

Small Off-Road Engine Evaporative Emission System Components

Tianjin Binhai New Area Dagang Tianli Rubber Hose Co., Ltd.
Model TL01 and Model TL02
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 emission system components designed to control gasoline emissions from small off-road engines (SORE), as described in California Code of Regulations, title 13, section 2767.1;

WHEREAS, pursuant to California Health and Safety Code, section 43013, ARB has established criteria and test procedures for determining the compliance of evaporative emission system components with the design requirements in Cal. Code Regs., title 13, section 2754;

WHEREAS, pursuant to Cal. Code Regs., title 13, section 2767.1, ARB Executive Officer may issue an executive order (EO) if he or she determines that the SORE evaporative emission system components conform to the applicable performance requirements set forth in Cal. Code Regs., title 13, section 2754; and

WHEREAS, pursuant to California Health and Safety Code, sections 39515 and 39516, ARB Executive Officer issued EO G-05-008 delegating to the Chief of ARB Monitoring and Laboratory Division (MLD) the authority to certify SORE evaporative system components.

NOW, THEREFORE, I, Michael T. Benjamin, Chief of MLD, find that the Tianjin Binhai New Area Dagang Tianli Rubber Hose Co., Ltd. model TL01 and model TL02 fuel hoses identified in Table 1 are certified for use in small off-road equipment and conform to the performance requirements set forth in Cal. Code Regs., title 13, section 2754, when tested at a constant temperature of 40°C, pursuant to Society of Automotive Engineers Specification J1737, using an approved test fuel of California Phase II Certification Fuel.

IT IS ORDERED AND RESOLVED that Tianjin Binhai New Area Dagang Tianli Rubber Hose Co., Ltd. fuel hose models TL01 and TL02 identified in Table 1 are certified for use in small off-road equipment and will emit evaporative emissions up to the reported test emission rate.

Table 1

Dimensions and Tolerances for Tianjin Binhai New Area Dagang Tianli Rubber Hose Co., Ltd. Model TL01 and Model TL02 Fuel Hoses		
Nominal Inside Diameters (millimeters)	Minimum Fluoroelastomer (FKM) Barrier Thickness (millimeter)	Test Emission Rate (grams/meter ² /day)
3.0 or greater	1.0 ± 0.22	12

IT IS FURTHER ORDERED that Tianjin Binhai New Area Dagang Tianli Rubber Hose Co., Ltd. shall provide a warranty to equipment manufacturers purchasing the Tianjin Binhai New Area Dagang Tianli Rubber Hose Co., Ltd. model TL01 and model TL02 fuel hoses. The warranty must conform to the requirements of Cal. Code Regs., title 13, section 2760.

IT IS FURTHER ORDERED that the certified Tianjin Binhai New Area Dagang Tianli Rubber Hose Co., Ltd. model TL01 and model TL02 fuel hoses shall be installed in accordance with manufacturer installation and use instructions for Tianjin Binhai New Area Dagang Tianli Rubber Hose Co., Ltd. model TL01 and model TL02 fuel hoses. A copy of this EO and fuel hose installation and use instructions shall be provided to manufacturers purchasing Tianjin Binhai New Area Dagang Tianli Rubber Hose Co., Ltd. model TL01 and model TL02 fuel hoses for installation on small off-road engines and equipment introduced into commerce in California.

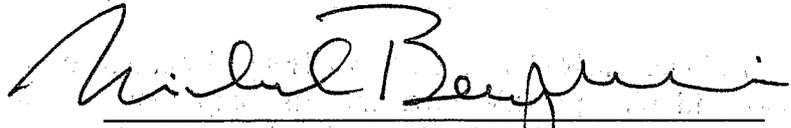
IT IS FURTHER ORDERED that the Tianjin Binhai New Area Dagang Tianli Rubber Hose Co., Ltd. model TL01 and model TL02 fuel hoses introduced into commerce in California shall be clearly identified by a permanent identification showing the manufacturer's name, model number, and EO number.

IT IS FURTHER ORDERED that any alteration to the Tianjin Binhai New Area Dagang Tianli Rubber Hose Co., Ltd. model TL01 and model TL02 fuel hoses certified hereby is prohibited. Any alteration or modification of the design approved by this EO will require the manufacturer to apply for a new EO.

IT IS FURTHER ORDERED that the Tianjin Binhai New Area Dagang Tianli Rubber Hose Co., Ltd. model TL01 and model TL02 fuel hoses 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 for the Tianjin Binhai New Area Dagang Tianli Rubber Hose Co., Ltd. model TL01 and model TL02 fuel hoses can be referenced in certification applications for small off-road engines and equipment that use SORE unless the Executive Officer finds that the Tianjin Binhai New Area Dagang Tianli Rubber Hose Co., Ltd. model TL01 and model TL02 fuel hoses no longer meet the performance requirements set forth in Cal. Code Regs., title 13, section 2754 when tested pursuant to Cal. Code Regs., title 13, section 2765.

Executed at Sacramento, California, this 7th day of June 2016.



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