

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER Q-16-003

Small Off-Road Engine Evaporative Emission System Components

SEMCO Plastic Company, Inc.
Model 751-0656 Fuel Tanks

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 component conforms 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 SEMCO Plastic Company, Inc. model 751-0656 fuel tank conforms with the 1.5 grams per square meter per day permeation performance requirements set forth in Cal. Code Regs., title 13, section 2754, when tested at a constant temperature of 40 °C pursuant to test procedure TP-901 using an approved test fuel of CE10.

IT IS ORDERED AND RESOLVED that all SEMCO Plastic Company, Inc. model 751-0656 fuel tanks will conform to the specifications in Table 1 and emit evaporative emissions equal to or less than 0.90 grams/meter²/day, and that SEMCO Plastic Company, Inc. model 751-0656 fuel tanks are certified for use in SORE equipment.

Table 1

Specifications for SEMCO Plastic Company, Inc. Model 751-0656 Fuel Tanks		
Minimum Tank Wall Thickness (millimeter)	Minimum Volume/Internal Surface Area Ratio (liters/meter ²)	Reported Permeation Rate (grams/meter ² /day)
1.14	28.2	0.90

IT IS FURTHER ORDERED that SEMCO Plastic Company, Inc. shall provide a warranty to equipment manufacturers purchasing the SEMCO Plastic Company, Inc. model 751-0656 fuel tanks. The warranty must conform to the requirements of Cal. Code Regs., title 13, section 2760.

IT IS FURTHER ORDERED that the certified SEMCO Plastic Company, Inc. model 751-0656 fuel tanks shall be installed in accordance with the manufacturer's installation and use instructions for the SEMCO Plastic Company, Inc. model 751-0656 fuel tanks. A copy of this EO and fuel tank installation and use instructions shall be provided to original equipment manufacturers purchasing SEMCO Plastic Company, Inc. model 751-0656 fuel tanks for installation on small off-road engines and equipment introduced into commerce in California.

IT IS FURTHER ORDERED that the SEMCO Plastic Company, Inc. model 751-0656 fuel tanks 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 SEMCO Plastic Company, Inc. model 751-0656 fuel tanks 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 SEMCO Plastic Company, Inc. model 751-0656 fuel tanks 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 SEMCO Plastic Company, Inc. model 751-0656 fuel tanks can be referenced in certification applications for small off-road engines and equipment that use small off-road engines unless the Executive Officer finds that the SEMCO Plastic Company, Inc. model 751-0656 fuel tanks 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 23rd day of May 2016.



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