

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER Q-16-002

Small Off-Road Engine Evaporative Emission System Components

Suzhou Cleva Precision Machinery & Technology Co., Ltd.
Model TEYH10.00.00 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 2755;

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 SORE evaporative emission system component conforms to the applicable performance requirements set forth in Cal. Code Regs., title 13, and 2755; 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 Suzhou Cleva Precision Machinery & Technology Co., Ltd. model TEYH10.00.00 fuel tank conforms with the 2.0 grams per square meter per day permeation performance requirements set forth in Cal. Code Regs., title 13, section 2755, when tested at a constant temperature of 40 °C pursuant to test procedure TP-901 using an approved test fuel of California Phase 2 Certification Fuel.

IT IS ORDERED AND RESOLVED that the four Suzhou Cleva Precision Machinery & Technology Co., Ltd. fuel tanks listed in Table 1 with volume/internal surface area ratios equal to or greater than 11.8 cubic centimeters /meter² will emit evaporative emissions equal to or less than 1.76 grams/meter²/day. Suzhou Cleva Precision Machinery & Technology Co., Ltd. has designated the model TEYH10.00.00 fuel tank as the representative tank for all four models, and based on the emissions data submitted, the four Suzhou Cleva Precision Machinery & Technology Co., Ltd. fuel tank models listed in Table 1 are certified for use in SORE equipment with engine displacement sizes equal to or less than 80 cc.

Table 1

Models and Specifications for Suzhou Cleva Precision Machinery & Technology Co., Ltd. Fuel Tanks		
Fuel Tank Model Numbers	Minimum Volume/Internal Surface Area Ratio (cubic centimeters /meter ²)	Reported Permeation Rate (grams/meter ² /day)
TEYH10.00.00* TEYH20.00.00 TEYH30.00.00 TEYH40.00.00	11.8	1.76

* Designated fuel tank representative

IT IS FURTHER ORDERED that Suzhou Cleva Precision Machinery & Technology Co., Ltd. shall provide a warranty to equipment manufacturers purchasing the Suzhou Cleva Precision Machinery & Technology Co., Ltd. model TEYH10.00.00, TEYH20.00.00, TEYH30.00.00, and TEYH40.00.00 fuel tanks. The warranty must conform to the requirements of Cal. Code Regs., title 13, section 2760.

IT IS FURTHER ORDERED that the certified Suzhou Cleva Precision Machinery & Technology Co., Ltd. model TEYH10.00.00, TEYH20.00.00, TEYH30.00.00, and TEYH40.00.00 fuel tanks shall be installed in accordance with the manufacturer's installation and use instructions for the Suzhou Cleva Precision Machinery & Technology Co., Ltd. model TEYH10.00.00, TEYH20.00.00, TEYH30.00.00, and TEYH40.00.00 fuel tanks. A copy of this EO and fuel tank installation and use instructions shall be provided to original equipment manufacturers purchasing Suzhou Cleva Precision Machinery & Technology Co., Ltd. model TEYH10.00.00, TEYH20.00.00, TEYH30.00.00, and TEYH40.00.00 fuel tanks for installation on small off-road engines and equipment introduced into commerce in California.

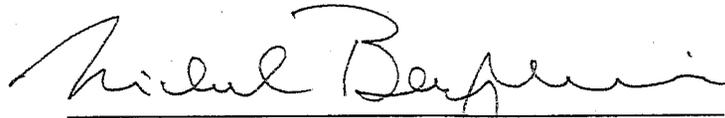
IT IS FURTHER ORDERED that the Suzhou Cleva Precision Machinery & Technology Co., Ltd. model TEYH10.00.00, TEYH20.00.00, TEYH30.00.00, and TEYH40.00.00 fuel tanks introduced into commerce in California shall be clearly identified by a permanent identification showing the manufacturer's name, model number, and EO number.

IT IS FURTHER ORDERED that any alteration to the Suzhou Cleva Precision Machinery & Technology Co., Ltd. model TEYH10.00.00, TEYH20.00.00, TEYH30.00.00, and TEYH40.00.00 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 Suzhou Cleva Precision Machinery & Technology Co., Ltd. model TEYH10.00.00, TEYH20.00.00, TEYH30.00.00, and TEYH40.00.00 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 Suzhou Cleva Precision Machinery & Technology Co., Ltd. model TEYH10.00.00, TEYH20.00.00, TEYH30.00.00, and TEYH40.00.00 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 Suzhou Cleva Precision Machinery & Technology Co., Ltd. model TEYH10.00.00, TEYH20.00.00, TEYH30.00.00, and TEYH40.00.00 fuel tanks no longer meet the performance requirements set forth in Cal. Code Regs., title 13, section 2755, when tested pursuant to Cal. Code Regs., title 13, section 2765.

Executed at Sacramento, California, this 24th day of May 2016.



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