State of California
AIR RESOURCES BOARD

Small Off-Road Engine Evaporative Emission System Components

Q-12-009
Briggs & Stratton Corporation
Fuel Tanks

WHEREAS, Pursuant to California Health and Safety Code (CH&SC), 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, as described in California Code of Regulations (CCR), title 13, section 2767.1;

WHEREAS, Pursuant to CH&SC, section 43013, ARB has established criteria and test procedures for determining the compliance of evaporative emission system components with the design requirements in CCR, title 13, section 2754;

WHEREAS, Pursuant to CCR, title 13, section 2767.1, ARB Executive Officer may issue an executive order if he determines that the small off-road engine evaporative emission system components conform to the applicable performance requirements set forth in CCR, title 13, section 2754; and

WHEREAS, Pursuant to CH&SC, sections 39515 and 39516, ARB Executive Officer issued Executive Order G-05-008 delegating to the Chief of ARB Monitoring and Laboratory Division (MLD) the authority to certify small off-road engine evaporative system components.

NOW, THEREFORE, I, Alberto Ayala, Chief of MLD, find that the Briggs & Stratton Corporation model 799485 fuel tanks conform with the 1.5 grams per square meter per day permeation performance requirements set forth in CCR, 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 Phase II California Reformulated Certification Fuel.

IT IS ORDERED AND RESOLVED that all Briggs & Stratton Corporation model 799485 fuel tanks with volume/internal surface area ratios equal to or greater than the ratio listed in Table 1 are certified for use in small off-road equipment.

Table 1
Specification for Briggs & Stratton Corporation Model 799485 Fuel Tanks

Minimum Volume/Internal Surface Area (liters/meter^2)
13.9

IT IS FURTHER ORDERED that Briggs & Stratton Corporation shall provide a warranty to equipment manufacturers purchasing the Briggs & Stratton Corporation model

799485 fuel tanks. The warranty must conform to the requirements of CCR, title 13, section 2760.

IT IS FURTHER ORDERED that the certified Briggs & Stratton Corporation model 799485 fuel tanks shall be installed in accordance with the manufacturer's installation and use instructions. A copy of this executive order and installation and use instructions for the fuel tanks shall be provided to manufacturers purchasing the Briggs & Stratton Corporation model 799485 fuel tanks for installation on small off-road engines and equipment introduced into commerce in California.

IT IS FURTHER ORDERED that Briggs & Stratton Corporation model 799485 fuel tanks introduced into commerce in California shall be clearly identified by a permanent identification that allows ARB to identify the manufacturer's name, executive order number, and model number.

IT IS FURTHER ORDERED that any alteration to the certified fuel tank family hereby is prohibited. Any alteration or modification of the designs approved by this executive order will require the manufacturer to apply for a new executive order.

IT IS FURTHER ORDERED that the Briggs & Stratton Corporation model 799485 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 Briggs & Stratton Corporation model 799485 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 Briggs & Stratton Corporation model 799485 fuel tanks no longer meet the performance requirements set forth in CCR, title 13, section 2754, when tested pursuant to CCR, title 13, section 2765.

Executed at Sacramento, California, this 7th day of March 2012.

Alberto Ayala, Ph.D., M.S.E.
Chief, Monitoring and Laboratory Division