State of California
AIR RESOURCES BOARD

Small Off-Road Engine Evaporative Emission System Components

Q-12-004
Ninghai Hongyu Rubber & Plastic Equipment Factory
Carbon Canister

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 component conforms 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 Ninghai Hongyu Rubber & Plastic Equipment Factory model HY-045-150CC carbon canister conforms with the performance requirements set forth in the CCR, title 13, section 2754, when tested in accordance with TP-902.

IT IS ORDERED AND RESOLVED that the following small off-road engine carbon canister manufactured by Ninghai Hongyu Rubber & Plastic Equipment Factory and listed in Table 1 is certified for use in small off-road equipment.

Table 1
Specifications for the Ninghai Hongyu Rubber & Plastic Equipment Factory
Model HY-045-150CC Carbon Canister

Nominal Capacity (cc)	Working Capacity (grams)	Maximum Fuel Tank Volume (liters)
150	9.9	7.1

IT IS FURTHER ORDERED that Ninghai Hongyu Rubber & Plastic Equipment Factory shall provide a warranty to equipment manufacturers purchasing the Ninghai Hongyu Rubber & Plastic Equipment Factory model HY-045-150CC carbon canister. The warranty must conform to the requirements of CCR, title 13, section 2760.

IT IS FURTHER ORDERED that the certified Ninghai Hongyu Rubber & Plastic Equipment Factory model HY-045-150CC carbon canister shall be installed in accordance with the manufacturer's installation and use instructions for the Ninghai Hongyu Rubber & Plastic Equipment Factory model HY-045-150CC carbon canister. A copy of this executive order and carbon canister installation and use instructions shall be provided to manufacturers purchasing the Ninghai Hongyu Rubber & Plastic Equipment Factory model HY-045-150CC carbon canister for installation on small off-road engines and equipment introduced into commerce in California.

IT IS FURTHER ORDERED that the Ninghai Hongyu Rubber & Plastic Equipment Factory model HY-045-150CC carbon canister shall be clearly identified by a permanent identification that allows ARB to identify manufacturer's name, executive order number, and model number.

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

IT IS FURTHER ORDERED that the Ninghai Hongyu Rubber & Plastic Equipment Factory model HY-045-150CC carbon canister 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 Ninghai Hongyu Rubber & Plastic Equipment Factory model HY-045-150CC carbon canister 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 Ninghai Hongyu Rubber & Plastic Equipment Factory model HY-045-150CC carbon canister no longer meets 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 24th day of February 2012.

Manjit Ahuja for AA

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