State of California
AIR RESOURCES BOARD

Small Off-Road Engine Evaporative Emission System Components

Q-09-024
Flex Technologies
Carbon Canister

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, as described in title 13, California Code of Regulations (13 CCR), 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 13 CCR, section 2754;

WHEREAS, Pursuant to 13 CCR, 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 13 CCR, section 2754; and

WHEREAS, Pursuant to Health and Safety Code, 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, William V. Loscutoff, Chief of MLD, find that the Flex Technologies part number 231941 carbon canister conforms with the performance requirements set forth in the 13 CCR, section 2754, when tested in accordance with TP-902.

IT IS ORDERED AND RESOLVED that the following small off-road engine carbon canisters manufactured by Flex Technologies are certified for use in small off-road equipment.

Table 1
Specifications for Flex Technologies
part number 231941 carbon canister

Nom Capacity (cc)	Working Capacity (g)	Max Fuel Tank Volume (liters)
300	20.39	14.57

IT IS FURTHER ORDERED that Flex Technologies shall provide a warranty to equipment manufacturers purchasing the Flex Technologies part number 231941

carbon canisters. The warranty must conform to the requirements of 13 CCR, section 2760.

IT IS FURTHER ORDERED that the certified Flex Technologies part number 231941 carbon canister shall be installed in accordance with the manufacturer's installation and use instructions for the Flex Technologies part number 231941 carbon canister. A copy of this Executive Order and carbon canister installation and use instructions shall be provided to manufacturers purchasing Flex Technologies part number 231941 carbon canisters for installation on small off-road engines and equipment introduced into commerce in California.

IT IS FURTHER ORDERED that carbon canisters listed in Table 1 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 Flex Technologies part number 231941 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 Flex Technologies part number 231941 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 Flex Technologies part number 231941 carbon canister no longer meets the performance requirements set forth in 13 CCR, section 2754, when tested pursuant to 13 CCR, section 2765.

Executed at Sacramento, California, this 30th day of September 2009.

William V. Loscutoff, Chief
Monitoring and Laboratory Division