

**State of California  
AIR RESOURCES BOARD**

**EXECUTIVE ORDER RM-18-004A**

**Spark-Ignition Marine Watercraft Evaporative Emissions System Components**

**Advanced Systems Group  
Carbon Canister for Trailerable Watercraft**

WHEREAS, pursuant to California Health and Safety Code, sections 39600, 39601, and 43013, the California Air Resources Board (CARB) has established a certification process for evaporative emissions system components designed to control gasoline emissions from spark-ignition marine watercraft (SIMW), as described in California Code of Regulations, title 13, section 2856;

WHEREAS, pursuant to California Health and Safety Code, section 43013, CARB has established criteria and test procedures for determining the compliance of evaporative emissions system components with the design requirements in Cal. Code Regs., tit. 13, § 2855;

WHEREAS, pursuant to Cal. Code Regs., tit. 13, § 2856, CARB Executive Officer may issue an Executive Order (EO) if he or she determines that SIMW evaporative emissions system components conform to the applicable performance requirements set forth in Cal. Code Regs., tit. 13, § 2855; and

WHEREAS, pursuant to California Health and Safety Code, sections 39515 and 39516, CARB Executive Officer issued EO G-17-006 delegating to the Chief of CARB's Emissions Certification and Compliance Division (ECCD) the authority to certify SIMW evaporative system components.

NOW, THEREFORE, I, Allen Lyons, Chief of ECCD, find that the Advanced Systems Group model 99CC series carbon canisters conform with performance requirements set forth in Cal. Code Regs., tit. 13, § 2855, when tested pursuant to test procedure ATP-1503-01 using an approved test fuel of Phase III certification Fuel.

IT IS ORDERED AND RESOLVED that the Advanced Systems Group model 99CC series carbon canisters listed in Table 1 are certified for use in trailerable > 30 kW SIMW introduced into commerce in California.

Table 1

Advanced Systems Group Model 99CC series Carbon Canister Specifications		
Model	Nominal Capacity (Liters)	Maximum fuel Tank Volume (gal)
99CC035	0.5	22.4
*99CC045	0.5	56
99CC085	1.6	176

\*Manufacturer designated representative for model 99CC series carbon canisters

IT IS FURTHER ORDERED that Advanced Systems Group shall provide a warranty to watercraft manufacturers purchasing the Advanced Systems Group model 99CC series carbon canisters. The warranty must conform to the requirements of Cal. Code Regs., tit. 13, § 2861.

IT IS FURTHER ORDERED that the certified Advanced Systems Group carbon canister models listed in Table 1 shall be installed in accordance with the manufacturer's installation and use instructions for the Advanced Systems Group carbon canister models. A copy of this EO and carbon canister installation and use instructions shall be provided to original watercraft manufacturers purchasing Advanced Systems Group carbon canister models listed in Table 1 for installation in trailerable spark-ignition marine engines and watercraft introduced into commerce in California.

IT IS FURTHER ORDERED that the Advanced Systems Group carbon canister models listed in Table 1 and introduced into commerce in California shall be clearly identified by a permanent identification that includes RM-18-004.

IT IS FURTHER ORDERED that any alteration to the Advanced Systems Group carbon canister models listed in Table 1 and 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 Advanced Systems Group carbon canister models as listed in Table 1 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 Advanced Systems Group carbon canister models listed in Table 1 can be referenced in certification applications for spark-ignition marine engines and trailerable watercraft that use spark-

ignition marine engines unless the Executive Officer finds that the Advanced Systems Group carbon canister models listed in Table 1 no longer meet the performance requirements set forth in Cal. Code Regs., tit. 13, § 2855, when tested pursuant to Cal. Code Regs., tit. 13, § 2864.

Executed this 7th day of March, 2022.



Allen Lyons, Chief  
Emissions Certification and Compliance Division

Note: EO RM-18-004A amends EO RM-18-004 by changing the company's name from Attwood Corporation to Advanced Systems Group.