

**SMALL OFF-ROAD ENGINE (SORE) CARBON CANISTER CERTIFICATION
GUIDELINES
Last Updated 10/23/19**

This document is intended as a general outline for the process that a carbon canister manufacturer must pursue to certify its SORE carbon canisters. The information listed below is required, however more information may be requested during review. The Executive Officer determines whether an application is complete within 30 days of receipt. After the Executive Officer reviews and determines that an application is complete, the Executive Officer will approve or deny the carbon canister certification application within 90 days of the date that the Executive Officer deemed the application to be complete (California Code of Regulations, title 13, section 2767.1(c) and (d)).

- Authorization letter (if using a third-party consultant)
 - Letter of intent (CP-901 Amended September 18, 2017, § 6.2 and CP-902 Amended September 18, 2017, § 5.2)
 - Engineering drawing (CP-902 Amended September 18, 2017, § 6)
 - All emission-related test data
 - Other attachments
 - Untested sample (Cal. Code Regs., tit. 13, §§ 2754, 2755, 2757 (if applicable) and 2767.1)
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1. If using a third-party consultant, include a signed authorization letter from the company representative giving permission to discuss certification application and review process with consultant
2. Letter of intent must include:
 - Company name
 - Specific description of material composition (CP-901 Amended September 18, 2017, § 7)
 - Model/part name of carbon canister
 - Activated carbon brand
 - Activated carbon type
 - Mass of activated carbon (g) with tolerances
 - Butane working capacity (g)
 - Bed volume (cc)
 - Manufacturer recommended purge rate (L/min)
 - Maximum fuel tank volume to be used with canister
3. Engineering drawing must include:
 - Cross section identifying all components
 - All dimensional measurements including units and tolerances
 - Sample of label (Cal. Code Regs., tit. 13, § 2759(b, d))

4. All emission-related test data must include:
 - Reference to the test procedure used to generate the data (Cal. Code Regs., tit. 13, § 2767.1(a-b))
 - TP-902 Amended May 6, 2019
 - Specific description of durability testing (thermal cycling, vibration test) (TP-902 Amended May 6, 2019, § 2.1(d))
 - Working capacity test data from all production component samples (Cal. Code Regs., tit. 13, § 2767.1(a-b))
 - Load rate (g/hr)
 - All problems encountered throughout the certification process (CP-901 Amended September 18, 2017, § 6.10)

5. Other attachments:
 - Installation and maintenance instructions
 - Limits for proper functioning
 - Warranty statements (Cal. Code Regs., tit. 13, § 2760)

6. Send untested production sample to:
 - California Air Resources Board
 - Attn: Testing and Certification Section
 - 1927 13th Street
 - Sacramento, CA 95811