



## **ENVIRONMENTAL PROTECTION AGENCY**

**[EPA-HQ-OAR-2007-1196; FRL-9990-29-OAR]**

### **Recent Postings of Broadly Applicable Alternative Test Methods**

**AGENCY:** Environmental Protection Agency (EPA).

**ACTION:** Notice of availability.

**SUMMARY:** This notice announces the broadly applicable alternative test method approval decisions that the Environmental Protection Agency (EPA) has made under and in support of New Source Performance Standards (NSPS) and the National Emission Standards for Hazardous Air Pollutants (NESHAP) between January 1, 2018, and December 31, 2018.

**FOR FURTHER INFORMATION CONTACT:** An electronic copy of each alternative test method approval document is available at <https://www.epa.gov/emc/broadly-applicable-approved-alternative-test-methods>. For questions about this notice, contact Mrs. Lula H. Melton, Air Quality Assessment Division, Office of Air Quality Planning and Standards (E143-02), Environmental Protection Agency, Research Triangle Park, NC 27711; telephone number: (919) 541-2910; fax number: (919) 541-0516; email address: [melton.lula@epa.gov](mailto:melton.lula@epa.gov). For technical questions about individual alternative test method decisions, refer to the contact person identified in the individual approval document(s).

### **SUPPLEMENTARY INFORMATION:**

#### **I. General Information**

##### **A. Does this notice apply to me?**

This notice will be of interest to entities regulated under 40 Code of Federal Regulations (CFR) parts 60, 61, and 63; state, local, and tribal agencies; and the EPA Regional offices

responsible for implementation and enforcement of regulations under 40 CFR parts 60, 61, and 63.

B. How can I get copies of this information?

You may access copies of the broadly applicable alternative test method approval documents at <https://www.epa.gov/emc/broadly-applicable-approved-alternative-test-methods>.

## **II. Background**

This notice identifies broadly applicable alternative test method approval decisions made by the EPA in 2018 under the NSPS, 40 CFR part 60 and the NESHAP programs, and 40 CFR parts 61 and 63 (see Table 1). Source owners and operators may voluntarily use these broadly applicable alternative test methods in lieu of otherwise specified reference test methods. Use of these broadly applicable alternative test methods does not change the applicable emission standards.

The Administrator has the authority to approve the use of alternative test methods for compliance with requirements under 40 CFR parts 60, 61, and 63. This authority is found in sections 60.8(b)(3), 61.13(h)(1)(ii), and 63.7(e)(2)(ii). Additional and similar authority can be found in 40 CFR 65.158(a)(2). The criteria for approval and procedures for submission and review of broadly applicable alternative test methods are explained in a previous *Federal Register* notice published at 72 FR 4257 (January 30, 2007) and located at <https://www.epa.gov/emc/broadly-applicable-approved-alternative-test-methods>. As explained in this notice, we will announce approvals for broadly applicable alternative test methods at <https://www.epa.gov/emc/broadly-applicable-approved-alternative-test-methods> and publish an annual notice that summarizes approvals for broadly applicable alternative test methods during the preceding year.

As also explained in the January 30, 2007 notice, our approval decisions involve thorough technical reviews of numerous source-specific requests for alternatives and modifications to test methods and procedures. Based on these reviews, we have often found that these modifications or alternatives would be equally valid and appropriate to apply to other sources within a particular class, category, or subcategory. Consequently, we have concluded that where a method modification or an alternative method is clearly broadly applicable to a class, category, or subcategory of sources, it is both equitable and efficient to approve its use for all appropriate sources and situations at the same time.

Use of approved alternative test methods are not mandatory but rather permissive. Sources are not required to employ such a method but may choose to do so in appropriate circumstances. As per section 63.7(f)(5), however, a source owner or operator electing to use an alternative method for 40 CFR part 63 standards must continue to use the alternative method until otherwise authorized. Source owners or operators should, therefore, review the specific broadly applicable alternative method approval decision at <https://www.epa.gov/emc/broadly-applicable-approved-alternative-test-methods> before electing to employ any alternative method.

### **III. Approved Alternative Test Methods and Modifications to Test Methods**

This notice specifies ten broadly applicable alternative test methods that the EPA approved between January 1, 2018, and December 1, 2018. The alternative method decision letter/memo number, the reference method affected, sources allowed to use this alternative, and the modification or alternative method allowed are summarized in Table 1 of this notice. A summary of approval documents was previously made available on our Technology Transfer Network between January 1, 2018, and December 31, 2018. For more detailed information, please refer to the complete copies of these approval documents available at

<https://www.epa.gov/emc/broadly-applicable-approved-alternative-test-methods>.

As also explained in our January 30, 2007 notice, we will revisit approvals of alternative test methods in response to written requests or objections indicating that a particular approved alternative test method either should not be broadly applicable or that its use should in some way be limited. Any objection to a broadly applicable alternative test method, as well as the resolution of that objection, will be announced at <https://www.epa.gov/emc/broadly-applicable-approved-alternative-test-methods> and in a subsequent *Federal Register* notice. If we decide to retract a broadly applicable test method, we will likely consider the need for an appropriate transition period for users either to request case-by-case approval or to transition to an approved method.

Dated: January 29, 2019.

Richard A. Wayland,  
Director,  
Air Quality Assessment Division.

TABLE 1. APPROVED ALTERNATIVE TEST METHODS AND MODIFICATIONS TO TEST METHODS REFERENCED IN OR PUBLISHED UNDER APPENDICES IN 40 CFR PARTS 60, 61, AND 63 POSTED BETWEEN JANUARY 2018 AND DECEMBER 2018.

Alternative method decision letter/memo number	As an alternative or modification to ...	For ...	You may ...
ATL-123	Method 3A, Method 3B, or ANSI/ASME PTC 19.10-1981.	Sources subject to 40 CFR part 63, subpart UUUUU-National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-Fired Electric Utility Steam Generating Units.	Use procedures specified in the Appendix of the Agency's approval letter dated February 13, 2018, and the modifications specified in the Agency's approval letter dated March 6, 2018.
ALT-124	40 CFR 63.670 and 63.671.	Sources subject to 40 CFR part 63, subpart CC-National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries.	Use continuous process mass spectrometry in lieu of continuous gas chromatography to measure Net Heating Value (NHV <sub>VG</sub> ) using the measurement approach and requirements specified in the Agency's approval letter dated February 5, 2018.
ALT-125	40 CFR 60.534.	Sources subject to 40 CFR part 60, subpart AAA-Standards of Performance for New Residential Wood Heaters.	Use ASTM E3053-17 and ASTM E2515-11 both with the change(s) specified in the Agency's approval letter dated February 28, 2018, and Canadian Standards Administration (CSA) Method CSA-B415.1-10.
ALT-126	ASTM E2515-11, section 10.2.2.	Sources subject to 40 CFR part 60, subpart AAA-Standards of Performance for New Residential Wood Heaters and 40 CFR part 60, subpart QQQQ-New Residential Wood Heaters, New Residential Hydronic	Use the procedure specified in the Agency's approval letter dated March 6, 2018, Method 5, sections 8.7, 11.2.1 and 11.2.2, and ASTM E2515-11.

		Heaters and Forced-Air Furnaces.	
ALT-127	40 CFR 60.534.	Sources subject to 40 CFR part 60, subpart AAA-Standards of Performance for New Residential Wood Heaters.	Use ASTM E3053-17 and ASTM E2515-11 both with the change(s) specified in the Agency's approval letter dated April 13, 2018, and Canadian Standards Administration (CSA) Method CSA-B415.1-10.
ALT-128	Method 25-Determination of Total Gaseous Nonmethane Organic Emissions as Carbon.	Sources subject to 40 CFR parts 60 and 63, subparts specified in the Agency's approval letter dated April 18, 2018.	Use an alternative filter, filter holder, and filter heater box as specified in the Agency's approval letter dated April 18, 2018.
ALT-129	Method 26-Determination of Hydrogen Halide and Halogen Emissions From Stationary Sources Non-Isokinetic Method and Method 26A-Determination of Hydrogen Halide and Halogen Emissions From Stationary Sources Isokinetic Method.	Sources subject to 40 CFR part 63, subpart UUUUU-National Emission Standards for Hazardous Air Pollutants: Coal- and Oil-fired Electric Utility Steam Generating Units.	Use sorbent trap method (Other Test Method (OTM)-40) for HCl emissions from the specific coal-fired electric utility steam generating units and the provisos in the Agency's approval letter dated May 30, 2018.
ALT-130	SW-846 Method 8260B.	Sources subject to 40 CFR part 63, subpart HHHHHHH-Polyvinyl Chloride and Copolymers Production: National Emission Standards for Hazardous Air Pollutants (NESHAP).	SW-846 Method 8260C and SW-846 Method 8260D with the performance criteria specified in the Agency's approval letter dated October 17, 2018.
ALT-131	Quality assurance procedures in Performance Specification 9 and 40 CFR 63.671(e)(2) and (e)(3).	Sources subject to 40 CFR part 63, subpart CC-National Emission Standards for Hazardous Air Pollutants from Petroleum Refineries.	Use the alternative quality assurance procedures specified in the Agency's approval letter dated December 13, 2018.
ALT-132	40 CFR 63.1350(k)(2)(ii) and (iii).	Sources subject to 40 CFR part 63, subpart LLL-National Emission Standards for	Use the alternative procedure for "above span" mercury calibrations only as specified in the Agency's approval

		Hazardous Air Pollutants from the Portland Cement Manufacturing Industry.	letter dated December 18, 2018. This alternative procedure replaces ALT-120, which expired January 1, 2019.
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Source owners or operators should review the specific broadly applicable alternative method approval letter at <https://www.epa.gov/emc/broadly-applicable-approved-alternative-test-methods> before electing to employ it.

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