



OFFICE OF ENFORCEMENT AND COMPLIANCE ASSURANCE

WASHINGTON, D.C. 20460

December 20, 2024

Mr. Frank Juel Nielsen
R&D Engineer
Morsø Jernstøberi A/S
Furvej 6
Nykøbing Mors, 7900
DENMARK

Re: Renewal of Certificate of Compliance Number 228-19; Morso 6100 B Series (6140 B, 6143 B, 6148 B and 6170 B) Non-Catalytic Wood Heater Models

Dear Mr. Nielsen:

I am pleased to inform Morsø Jernstøberi A/S (Morsø) that the above-referenced models have been approved for renewal of a Certificate of Compliance pursuant to the 2015 New Source Performance Standard (NSPS) for New Residential Wood Heaters, New Residential Hydronic Heaters and Forced-Air Furnaces at 40 CFR Part 60, Subpart AAA (2015 NSPS) by the United States Environmental Protection Agency. Pursuant to the 2015 NSPS, this Certificate of Compliance is valid through December 26, 2029. As discussed below, this renewal is based, in part, on a certification test report documenting a retest of the above-referenced models. The EPA has determined that the retest demonstrated compliance with the applicable emission standard and was conducted in accordance with the 2015 NSPS. Therefore, this Certificate of Compliance is being renewed with an updated emissions rate, heat output range, overall heating efficiency, and carbon monoxide emission rate resulting from the certification retest. This letter serves as your wood heater Certificate of Compliance. Please refer to the above-referenced Certificate of Compliance number in all future correspondence.

In accordance with the 2015 Wood Heater Rule at 40 CFR Part 60, § 60.533(i)(2), a manufacturer of a heater model line may apply to the EPA for renewal of the model line's Certificate of Compliance. To do so, the manufacturer may submit all required documentation and follow all procedures as specified in §§ 60.533(b) and 60.533(f).

Based on a May 8, 2024,¹ certification test report prepared by Polytests documenting the retest for the above-referenced models and demonstrating compliance with EPA Test Method 28R as

¹ Revised October 1, 2024, December 3, 2024, and December 17, 2024.

well as with American Society of Testing and Materials (ASTM) methods E2515 and E2780, a June 6, 2024,² Certification of Conformity by PFS-TECO and the information provided in your May 16, 2024³, request for renewal of the Certificate of Compliance, the above-referenced models continue to meet the certification requirements at § 60.533. Under the 2015 NSPS, the models' emission rate of 1.8 g/hr meets the 2020 NSPS particulate matter emissions limit of 2.0 g/hr. The heat output range and overall heating efficiency for the above-referenced models are 11,892 – 19,067 BTU/hr and 74%, respectively. This model line's carbon monoxide emission rate is 0.79 g/min. Therefore, pursuant to §§ 60.533(i)(2) and (i)(3), the EPA is renewing the Certificate of Compliance. You may not advertise for sale, offer for sale, or sell heaters under this Certificate of Compliance after December 26, 2029, without applying for and being issued another Certificate of Compliance with an updated expiration date.

All wood heaters manufactured or sold under this Certificate of Compliance must comply with the EPA labeling requirements found at §60.536. These provisions require each wood heater to have a permanent label affixed to it, including the month and year of manufacture, model name or number, serial number, certification test emission value, test method, standard met, and compliance certification statement.

In addition, you must comply with all applicable requirements of the regulation, including:

1. Conducting a third-party certifier-approved quality assurance program which ensures that all units within a model line are similar to the wood heater submitted for certification testing in all respects that would affect emissions and are in compliance with the applicable emission limit, pursuant to §60.533(m);
2. Applying for recertification whenever any change is made to the above-referenced models that affect or is presumed to affect the particulate matter emission rate for the model line, pursuant to §60.533(k)(1);
3. Providing an owner's manual that includes the information listed in §60.536(g)(1) with each affected wood heater model offered for sale;
4. Placing a copy of the full non-Confidential Business Information (non-CBI) certification test report and summary of the test report on the manufacturer's website and available to the public within 30 days after the EPA issues a Certificate of Compliance, pursuant to §60.533(b)(12). The up-to-date non-CBI certification test report and summary (if later revised) should remain posted on the manufacturer's website for as long as the model line is manufactured and offered for sale in the U.S.;
5. Submitting a report to the EPA every two years following issuance of a Certificate of Compliance for each model line. This report must include the sales for each model by

² Revised October 1, 2024, December 10, 2024, and December 17, 2024.

³ Revised December 3, 2024.

state and certify that no changes in the design or manufacture of this model line have been made that require recertification under §60.533(k);

6. Retaining records and submitting reports as required at §60.537; and
7. Submitting wood heaters for audit testing if selected by the EPA under §60.533(n)(1)(i) and (2)(i).

Failure to comply with these requirements may result in revoking this Certificate of Compliance and enforcement action, including penalties as specified under the Clean Air Act. To promote transparency in implementing the Wood Heater Program, we request that manufacturers submit a copy of the Uniform Resource Locator (URL) or web address where the non-CBI certification test report is posted to WoodHeaterReports@epa.gov within ten (10) days of posting.

Once the EPA has verified that the full non-CBI certification test report has been posted on the manufacturer's website, the Agency will add the above-referenced models to the EPA-Certified Wood Heater Database.

If you have any questions concerning this letter, please contact the Wood Heater Program at WoodHeaterReports@epa.gov.

Sincerely,

Loren Denton, Ph.D.
Director
Monitoring, Assistance, and Media Programs Division
Office of Compliance
Office of Enforcement and Compliance Assurance