



**Vermont Department of Environmental Conservation**

Air Quality and Climate Division

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Montpelier, VT 05620-3802

(802) 828-1288

*Agency of Natural Resources*

June 19, 2015

Mr. Dennis Brazier, President

Central Boiler, Inc.

20502 160<sup>th</sup> Street

Greenbush, MN 56726

**SUBJECT:** Phase II Certification of Central Boiler, Inc. Model Classic Edge 550 Outdoor Wood Boiler under Section 5-204 of the Vermont Air Pollution Control Regulations

Dear Mr. Brazier:

The Vermont Air Quality & Climate Division (AQCD) has completed its review of the information Central Boiler, Inc. (Central Boiler) submitted to this office, including the December 2014 test report (Report # 0117WB033E) prepared by OMNI-Test Laboratories, Inc. (OMNI) regarding the Model Classic Edge 550 outdoor wood boiler (OWB). The test results indicate that the Classic Edge 550 particulate matter emissions were 0.31 lbs/million BTUs of heat output (year round weighted average), which is lower than Vermont's Phase II emission limit of 0.32 lbs/million BTUs of heat output. In addition, the test results indicate that the highest grams/hour emission rate for any individual test run was 7.7 which is lower than the 18 grams/hour maximum set by §5-204(e)(2)(ii) of the Air Pollution Control Regulations (APCR). USEPA has reviewed the OMNI test report and has approved the test methods and results. The test methods used by OMNI are also acceptable under APCR §5-204.

Thank you for providing this office with detailed engineering drawings and specifications for the Classic Edge 550, as required by §5-204(e)(3)(i). We expect that all units designated as the Classic Edge 550 will have the same specifications, within acceptable manufacturing tolerances, and that any components of these units that may affect emissions will be composed of the same materials as those in the tested unit. Please let me know immediately if this assumption is not accurate.

Based on the AQCD's and USEPA's review of the information submitted by Central Boiler and the conditions noted above concerning specifications and materials, the AQCD has determined that the Central Boiler Model Classic Edge 550 OWB complies with the Phase II emission limit in §5-204(e)(2)(ii) of the APCR and that all units with the Classic Edge 550 model designation may be distributed or sold for use in Vermont on or after the date of your receipt of this letter. This certification shall expire five (5) years after the date of its issuance, unless revoked sooner pursuant to APCR §5-204(e)(4).

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Mr. Dennis Brazier  
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I would like to take this opportunity to remind you of a related obligation that Central Boiler has under APCR §5-204(e)(5), "Notification by Manufacturers". When an OWB model is certified, this subsection requires the manufacturer to give written notification, within 30 days of receiving the certification, to its dealers and others who sell or may be selling your OWBs for use in Vermont. This notice should list all the OWB models being sold by Central Boiler and specifically identify the Model Classic Edge 550 as having been approved to be distributed or sold for use in Vermont. Please provide a copy of this written notice and a list of the addressees and their locations to this office when the mailing is completed.

Thank you for Central Boiler Inc.'s interest in reducing the air contaminant emissions from OWBs. If you have any questions about this letter, please contact me or John Wakefield of my staff at (802) 828-1288.

Sincerely,



Heidi Hales, Director  
Air Quality & Climate Division

cc: Amanda Aldridge, USEPA, OAQPS, RTP, NC  
Lisa Rector, NESCAUM

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