



Certificate of Conformity

Issued to: Sierra Products, Inc
Mr. Robert Beck
63 Laxalt Dr.
Carson City, NV 89706
775-241-2586

Model: S2300 (FS/PB)

Effective Date: 1/27/2021

Revised Dates*: 6/16/2021, 7/20/2021, 7/27/2021

Report # 20-651

*See revision schedule on page 2 for full list of changes.

Certification tests were performed by PFS-TECO located at 11785 SE Highway 212, Suite 305, Clackamas, OR 97015

PFS TECO certifies conformity to the following per 40 CFR Part 60 §60.533 (f) (A):

- The test report is complete and accurate.
- The instrumentation used for the test was properly calibrated.
- The representative model tested meets the applicable emission limits.
- The tests have been conducted per the appropriate guidelines.
- The manufacturer's Quality Control Plan has been reviewed to ensure that all production units are similar in all material respects that would affect emissions to the tested/certified model and that the units in the model line will meet all (other) applicable requirements.

PFS TECO certifies that the emissions levels as measured in the test report are in compliance with the 2020 PM emission limit of ≤ 2.5 g/hr using cordwood fuel per ASTM E3053, ASTM E2515.. Efficiency calculated per CSA B415.1-10

The average emissions for the S2300 wood heater is **2.2 g/hr** with an average efficiency of **67%**. Average CO emissions are **1.9 g/min.**

Issued by: PFS TECO
11785 SE Highway 212
Suite 305
Clackamas, OR 97015

John Steinert, Vice President, Hearth Products Division

PFS TECO is accredited by IAS to ISO 17020:2012 "Criteria For Bodies Performing Inspections, ISO 17025: 2005 "Requirements For Testing Laboratories", and by Standards Council of Canada to ISO 17065: 2012 "Requirements For Bodies Operating Product Certification Systems".



Revision summary

-Date: 1/27/2021 - Original issue

-Date: 6/16/2021 – The following revisions to the report were reviewed:

-Edited comment in the “notes” section regarding pre-conditioning to include information about moisture content, see page 5.

-The Test Narrative for Run 4 was updated to include information on the high fire test preceding it and included the statement that all results were appropriate and valid, see page 10.

-Revised FB Volume drawing, to show volume calculations, see page 13.

- Added a comment in the “notes” section, page 5, discussing room ambient sampling.

-Deleted some blank pages from Run 3 test data sheets in Appendix A.

- Date: 7/20/2021 - Revised the following items per request from EPA.

-Conditioning data sheet in Appendix A updated with additional information, see page 24 of Non-CBI Test Report.

- Date: 7/27/2021 - Revised the following items per request from EPA.

-Conditioning data sheet in Appendix A further updated with additional information regarding moisture content of the fuel, see page 24 of Non-CBI Test Report.