

2015 NSPS

July 13, 2015

2015 NSPS Step 1

- Step 1 requirements
 - Went into effect May 15, 2015.
 - Emissions requirements of 4.5 g/hr or less for both non-catalytic and catalytic woodstoves.
 - Catalyst equipped models (including hybrids) must be shipped with a catalyst temperature sensor.
 - New first one hour test run emissions measurement and filter change.
 - Required efficiency, heat output and carbon monoxide testing and reporting.
 - New permanent labeling requirements.
 - Post Owner's Manual and other information on product website.
 - This includes efficiency, heat output and carbon monoxide values from testing with EPA's test method.

Step 2

- Step 2 requirements
 - Goes into effect May 2020, five years after Step 1 went into effect.
 - Emissions requirement of 2.0 g/hr for both non-catalytic and catalytic woodstoves.
 - Possible efficiency and CO requirements based on the results obtained from Step 1.

Manufacturer Challenges

- 60 days to meet NSPS requirements
 - Update all installation instructions with new requirements per model
 - Create and order new labels for each model
 - Update all brochures
 - Submit efficiency and CO data per model for EPA website
 - Update manufacturer's websites with efficiency and CO data per mode

Pellet Fuel Requirements

- A positive from the NSPS is the requirement of calling out of a graded fuel for the pellet appliance and approved by an approved third party organization.
- Inconsistent and poor quality fuels leads to:
 - Bridging due to inconsistent lengths
 - Clinkers
 - Low heat output
 - Higher cleaning requirements

Inconsistent Fuel

