

**DEC Alaska State Standards (INSIDE FNSB PM2.5 NONATTAINMENT AREA ONLY) – 18 AAC 50.077**  
 Heaters sold for installation inside the nonattainment area must meet the emission standards beginning on the effective date

<b>HEATING DEVICE TYPE</b>	<b>PARTICULATE MATTER EMISSION STANDARD NEW DEVICES</b>	<b>INSTALLATION REQUIREMENTS</b>	<b>REMOVAL REQUIREMENT</b>	<b>EFFECTIVE DATE</b>
Wood-Fired Hydronic Heaters < <b>350,000 Btu/hr</b>	No new outdoor hydronic heaters may be sold.	Prohibited	Existing devices removed and rendered inoperable by 12/31/2024.	<b>1/8/2020</b>
Pellet Fueled Hydronic Heaters < <b>350,000 Btu/hr</b>	EPA certified <b>AND</b> 0.10 lbs. per million Btu of heat output for each individual burn rate. (DEC listed)	Professionally Installed  May not be installed within 330 feet from closest property line or 660 feet from a school, clinic, hospital, or senior housing unit.	Non-EPA certified devices must be removed or replaced by 12/31/2024 or upon conveyance as part of a real estate transaction, whichever is earlier and rendered inoperable.	<b>1/8/2020</b>
Woodstoves and Pellet Stoves < <b>350,000 Btu/hr</b>	EPA certified <b>AND</b> 2.0 grams per hour (DEC listed)	Professionally Installed	Non-EPA certified devices must be removed or replaced by 12/31/2024 or upon conveyance as part of a real estate transaction, whichever is earlier and rendered inoperable.	<b>1/8/2020</b>
	<b>AND</b> not exceed 6.0 grams per hour any valid 1-hr filter pull <b>OR</b> TEOM data indicates that no rolling 60-minute period exceeds 4.0 grams per hour. (DEC listed)			<b>9/1/2020</b>
			EPA certified devices, greater than 2.0 grams per hour <b>AND</b> 25 years or older must be removed or replaced by 12/31/2024 or upon conveyance as part of a real estate transaction, whichever is earlier and rendered inoperable.  For devices manufactured less than 25 years before the effective date of the finding, then removal is required before device is 25 years old and rendered inoperable.	<b>Effective date of an EPA published finding</b>
Coal-Fired Heating Devices	No new coal fired heaters may be sold.	Prohibited	Existing devices removed by 12/31/2024, unless wintertime source tested to demonstrate compliance.	<b>1/8/2020</b>
Wood-Fired Heating Devices > <b>350,000 Btu/hr</b>	0.10 lbs. per million Btu of heat output for each individual burn rate	Professionally Installed	Not applicable	<b>1/8/2020</b>

**\*EPA Federal Standards (STATEWIDE) – Enforced by EPA**

Heaters that do not meet these emission standards may be sold to customers outside the nonattainment area through December 31, 2015.  
After that date, all devices sold must meet the emission standards

<b>Wood-Fired Heating Device Type</b>	<b>Step</b>	<b>Effective Date</b>	<b>Particulate Matter Emission Standard</b>	<b>Test Fuel</b>
Woodstoves & Pellet Stoves (both adjustable and single burn rate) (both catalytic & non-catalytic)	1	May 15, 2015	4.5 g/hr	Cribwood <u>or</u> Cordwood
	2	May 15, 2020	2.0 g/hr	Cribwood
			2.5 g/hr	Cordwood
Hydronic Heaters	1	May 15, 2015	0.32 lbs/MMBtu <i>weighted average</i> <u>AND</u> 18.0 g/hr individual test run cap <u>OR</u> EPA “Phase 2” Qualified	Cribwood <u>or</u> Cordwood
	2	May 15, 2020	0.10 lbs/MMBtu <i>for each burn rate</i>	Cribwood
			0.15 lbs/MMBtu <i>for each burn rate</i>	Cordwood
Forced Air Furnaces	1	May 15, 2015	New work practice and operational standards, including providing information on best operating practices in owner’s manuals	N/A
	2	Small: May 15, 2016 Large: May 15, 2017	0.93 lbs/MMBtu <i>weighted average</i>	Cordwood
	3	All: May 15, 2020	0.15 lbs/MMBtu <i>for each burn rate</i>	Cordwood