

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			
Wood-Fired Heating Device Type	Particulate Matter Emission Standard		Effective Date
Hydronic Heaters <350,000 Btu/hr	EPA Phase 2 Voluntary Partnership Program “White Tag” <u>AND</u> 2.5 g/hr particulate matter annual average emission level	<u>OR</u> 0.32 lbs/MMBtu average annual emission level <u>AND</u> 2.5 g/hr particulate matter annual average emission level <u>AND</u> 18.0 g/hr individual test run cap	02/28/15
Wood-Fired Heating Devices >350,000 Btu/hr	2.5 g/hr particulate matter annual average emission		02/28/15
Woodstoves and Pellet Stoves <350,000 Btu/hr	EPA Certification <u>AND</u> 2.5 g/hr particulate matter annual average emission level	<u>OR</u> Maximum 2.5 g/hr particulate matter annual average emission level	08/31/15

*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				
Wood-Fired Heating Device Type	Step	Effective Date	Particulate Matter Emission Standard	Test Fuel
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
			0.15 lbs/MMBtu <i>for each burn rate</i>	Cordwood