

**Pellet Stoves Meeting Emission Standards for  
 the Fairbanks North Star Borough PM2.5 Nonattainment Area**

These standards only apply to heating devices being **sold or installed** in the FNSB PM2.5 Nonattainment Area beginning **August 31, 2015**. Only pellet stoves that appear on this list and meet the emission standards may be sold or installed inside the nonattainment area beginning August 31, 2015.

<b>DEC Standards (INSIDE FNSB PM2.5 NONATTAINMENT AREA ONLY) – 18 AAC 50.077</b>			
<b>Wood-Fired Heating Device Type</b>	<b>Particulate Matter Emission Standard</b>		<b>Effective Date</b>
Woodstoves & 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

More [information and a map of the FNSB PM2.5 Nonattainment Area](#) is available online

**NEW:** A summary of changes to this month’s list can be found at the end of the document.

<b>Manufacturer Name</b>	<b>Model Name</b>	<b>Annual Avg Emission Rate (grams/hr)</b>	<b>Heat Output (BTU/hr)</b>
APR Industries Ltd.	BayWin Free Standing and Insert	0.56	7441-27818
APR Industries Ltd.	Kozi 100 Free Standing and Insert and KSH 120	0.61	8420 – 30596
APR Industries Ltd.	Previa	1	8077-27113
Ardisam	Serenity Castle	1.1	9831-22266
American Energy Systems, Inc. (AES)	Little Rascal	1.1	10247-24028
American Energy Systems, Inc. (AES)	3500P, 35001, and 3502	1	4917-20,607
American Energy Systems, Inc. (AES)	Baby Country Side	1	10330-25519
Bosca Chile S.A.(Ingeniera De Combustion)	Soul Pellet Stove Insert, Soul 700 free standing, Soul 700 Insert	2.2	6100-30000



Manufacturer Name	Model Name	Annual Avg Emission Rate (grams/hr)	Heat Output (BTU/hr)
England's Stove Works, Inc.	55-SHPCB120, 55-TRPCB120 and 25-CB120	1.4	11993-23466
England's Stove Works, Inc.	25-EP, 55-TRPEP, 55-SHPEP, 25-EPI, 55-TRPEPI, 55-SHPEPI25-EPI, 55-TRPEPI, 55-SHPEPI	1.4	10700-25100
England's Stove Works, Inc.	10-CPM, 49-TRCPM, 49-SHCPM	1.6	10500-24600
England's Stove Works, Inc.	25-SSP01, 25-SSP01S, 55-SHSSP01, 55-SHSSP01S, 55-TRSSP01, and 55-TRSSP01S	0.56	15997 – 36144
England's Stove Works, Inc.	25-IP, 55-SHIP and 55-TRPIP	1.8	14108 - 35023
Even Temp, Inc	Hastings	1.1	7232 – 27455
Even Temp, Inc	Prescott EXP and Prescott EXL	0.53	6293 – 30089
Even Temp, Inc	Eclipse-P	1.6	13723-35989
Even Temp, Inc	Element-P	0.66	6956 – 25380
Even Temp, Inc	Ashby-P	1	5682-31713
Extraflame S.P.A.	V5.2	0.59	15940-44978
Extraflame S.P.A.	V4.5	0.93	12606-37218
Extraflame S.P.A.	V3.4	1.1	10234-28441
Fireplace Products International Limited	Hampton GC60, GCI60 Hampton Cast Pellet Stove and Insert	1	9400-45500
Fireplace Products International Limited	Regency GF55, GFI55 Regency Greenfire Pellet Stove and Insert	2	6500-40000
Glow Boy	HR-2	0.9	10500-33400
Gruppo Piazzetta S.P.A.	P960, P961, P962	2	10000-38500
Gruppo Piazzetta S.P.A.	P963	2	10000-37900
Gruppo Piazzetta S.P.A.	Monia, Marcella, Marcella, Mia, Maira	2.2	9900-37200
Gruppo Piazzetta S.P.A.	Sabrina, Sveva, Samanta, Siria	2.3	9900-37200
Gruppo Piazzetta S.P.A.	P958	2.3	81200-31400



<b>Manufacturer Name</b>	<b>Model Name</b>	<b>Annual Avg Emission Rate (grams/hr)</b>	<b>Heat Output (BTU/hr)</b>
Hearth and Home Technologies	PelPro PPC90, PelPro TSC90, Pleasant Hearth PHC90	1.1	11055-47378
Hearth and Home Technologies	Absolute 63	1.4	10164-46399
Hearth and Home Technologies	Pelpro PPC90	2	11055-47,378
Hearth and Home Technologies	XXV-TC	1.7	7096-35283
Hearth and Home Technologies	Pleasant Hearth (PH35PS), Pel Pro PP60	0.28	9600-25000
Hearth and Home Technologies.	Allure 50	1.5	9001-39105
Hearth and Home Technologies	Advance	1.8	5411-29468
Hearth and Home Technologies	Pleasant Hearth (PH50PS)	0.74	9300-32400
Hearth and Home Technologies	Harman Stove Company P43	1.3	12600-31300
Hearth and Home Technologies	PelPro PP130	1.6	10600 -35000
Hearth and Home Technologies	Quadra-fire Santa Fe/Castile	1.8	8500-28200
Hearth and Home Technologies	Heatilator ECO-ADV-PS35 (PS35)	2.1	9300-24400
Hearth and Home Technologies	Mount Vernon E2 Freestanding and Insert	0.5	13900-42200
Hearth and Home Technologies	Quadra Fire CB1200/Classic Bay 1200	1.1	13500-37600
Hearth and Home Technologies	Harman Stove Company P68	1.3	11800-53500
Hearth and Home Technologies	Quadra-fire CB12001/Classic Bay 1200i	1.3	11500-34600
Hearth and Home Technologies	P35i	1.5	9600-28800
Hearth and Home Technologies	Harman Stove Company Accentra 52i	1.5	10300-39800
Hearth and Home Technologies	Harman Stove Co. Invincible RS	1.5	6200-32800
Hearth and Home Technologies	Heatilator CAB50/PS50	1.7	11900-31400
Hearth and Home Technologies	P61-a	1.7	10600-45100
Hearth and Home Technologies	Mount Vernon AE Freestanding and Insert	1.7	12500-40200
Hearth and Home Technologies	Quadra Fire Mount Vernon E2-C and Quadra Fire Mount Vernon E2-C Insert	0.7	12682-39428
Hearth and Home Technologies	Absolute 43	1.8	11800-33900



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Hearth and Home Technologies	Harman Stove Company XXV	1.8	10600-36900
Hearth and Home Technologies	Accentra-2	0.62	6253-25210
Heat Tech Industries	HTP 26 Bay	0.54	8637-22999
Heat Tech Industries	HTP 26 Standard	0.77	7038-16,701
High Energy Manufacturing, Limited	J1000 Pellet Stove	2.1	13000-21800
Innovative Hearth Products	Bella	1	
Innovative Hearth Products	Winslow PS40, PI40	1.1	7500-21300
LMF Manufacturing, Ltd.	America's Heat B-100	1.7	9098-18,773
MCZ S.p.a.	Musa Air	1.3	7400-27000
MCZ S.p.a.	Star Air 7109021	1.4	8200-24500
MCZ S.p.a.	Musa Multi-Air 7109023	1.8	9700-31800
Ningbo Hongsheng Fireplace Company (SMG Hearth and Home, LLC)	HP50S Comfortbilt	2.5	13400-38600
Ningbo Hongsheng Fireplace Company (SMG Hearth and Home, LLC)	HP 61	1.2	21425 – 42246
Ningbo Hongsheng Fireplace Company (SMG Hearth and Home, LLC)	HP 21	1.3	14820 – 33458
Ningbo Hongsheng Fireplace Company (SMG Hearth and Home, LLC)	HP22 ComfortBilt	1.9	14503 – 36449
Pacific Energy Fireplace Products Limited	True North TN40	1.4	6672-27949
Pacific Energy Fireplace Products Limited	True North 40 Insert	0.69	6033 – 25617
Quality Craft	QCPS - 28000	2.4	13100- 14800
Ravelli SRL	Roma (034-00-001A	0.74	10300-31500



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Ravelli SRL	Francesca 2015, Monica 2015, and RV80 Ceramica.	0.6	13400-34000
Ravelli SRL	RC120 Touch, Atena C, and Vitoria C	.62	13800-37500
Ravelli SRL	RV100 Classic	0.7	10750-34500
Ravelli SRL	RV120 Touch, Atena V and Vitoria V	.62	13800-37500
Ravelli /EcoTeck	Monica / Francesca	1.5	8500-35000
Ravelli /EcoTeck	Sofia / Silvia	1.7	8500-50000
SMG Hearth and Home, LLC.	HP61	1.2	21425-42246
SMG Hearth and Home, LLC.	HP 21	1.3	14820-33458
Seraph Industries	Genesis 106/108	2.1	11100-45100
Sherwood Industries, Ltd.	EF2-1, Chatham-1, Davenport-1 and Kinderhook-1	1.4	8852-32134
Sherwood Industries, Ltd.	EF2, Chatham, Davenport and Kinderhook	1.8	10190-25989
Sherwood Industries, Ltd.	Enviro M55, M55C, VF55, Greenfire/Hampton GC60/GCI60	1	9300-45500
Sherwood Industries, Ltd.	EMPRESS FPI, Milan	1.3	25700-30000
Sherwood Industries, Ltd.	EF5/Enviro P4	1.3	8200-22900
Sherwood Industries, Ltd.	Mini (P3)/Greenfire GF40	1.6	22600-30100
Sherwood Industries, Ltd.	Empress FS	1.7	27800-35700
Sherwood Industries, Ltd.	EF3, Meridian, Vista Flame 100, greenfire GF55, GF55FPI	1.1	6500-40000
Sherwood Industries, Ltd.	Maxx-B	2.3	9700-47600
Sierra Products, Inc.	EasyFire Pellet Stove	0.82	7943-17732
Stove Builder International Inc.	Osburn 2500, 55 Series Eco-55 and Eco-55 ST	0.96	6648-28540
Stove Builder International Inc.	BIO-45MF, Eco-45, FP-45, Hybrid- 45MF	1.2	8600-29800
Stove Builder International, Inc.	65 Series Euromax (2014), Eco-65(2014), and Osburn 7000 (2014)	2.4	7200-34000



<b>Manufacturer Name</b>	<b>Model Name</b>	<b>Annual Avg Emission Rate (grams/hr)</b>	<b>Heat Output (BTU/hr)</b>
Stove Builder International, Inc.	DC Series Osburn Volta and Drolet Edison	2.5	6600-25500
Thelin Company Inc. (Cardon Products)	Providence, Providence Signature	1.2	12800-35700
Thelin Company Inc. (Cardon Products)	Thelin Parlour 3000	0.43	9045-15844
Thelin Company Inc. (Cardon Products)	Thelin Gnome	1.2	4361– 8947
Thelin Company Inc. (Cardon Products)	Tiburon	2.5	8500-44500
Travis Industries, Inc.	AGP Insert	0.66	9300-31200
Travis Industries, Inc.	AGP Freestanding	0.67	9600-33000
Travis Industries, Inc.	FoxFire, Deerfield	0.73	12000-41000
United States Stove Company	5780, AP5780, VG5780, SP5780, and SP58	1.3	12293 – 26386
United States Stove Company	5520	0.94	8200-34000
United States Stove Company	6039, 6039 T, 6039 HF, 6039 TP,6041 SP6000	1.5	8500-29900
United States Stove Company	5710, AP5710, VG5710, 5501S, AP5501S and VG5501S	1	13281-27492
United States Stove Company	SP22, SP23, SP24, SP2000, SP2700, SP4000, SPC4000, APC4000 and 5040	1.4	6568-34785
United States Stove Company	SP1000	1.5	4900-32500
United States Stove Company	SP1002	1.7	7300-34000
United States Stove Company	4840	1.8	6300-10800
United States Stove Company	SPC50	1.6	6600-31600
United States Stove Company	SP5500M, 5502M	1.6	9100-27700
United States Stove Company	5660E, AP5660, AP5660L, AP5660PE, and DNMP566	1.9	11155-24361
Winrich International	Winrich Pellet Stove	1.6	8500-27900
Wiseway Pellet Stoves (United States Stove Company)	GW-2014-W, GW-2014	1.6	12600-30400



Manufacturer Name	Model Name	Annual Avg Emission Rate (grams/hr)	Heat Output (BTU/hr)
Wiseway Pellet Stoves (United States Stove Company)	GW1949	1.9	7500-19500
Wolf Steel Ltd.	TPSI35	2.1	11200-36000
Wolf Steel Ltd.	NPS45	2.4	8800-29000

Source: <http://www.epa.gov/compliance/list-epa-certified-wood-stoves> (accessed October 11, 2017)

This list will be updated regularly.

If a wood-fired pellet heating device <350,000 Btu/hr meets the emission standards in 18 AAC 50.077 but does not appear on this list, submit proof of compliance with the standards to DEC for review and approval.

Staff Contact:

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Summary of Changes:

Change Type	Manufacturer	Models	Reason for Change
Added	Hearth and Home Technologies	Quadra Fire Mount Vernon E2-C and Quadra Fire Mount Vernon E2-C Insert	New to EPA List
Added	Ravelli SRL	RC120 Touch, Atena C, and Vitoria C	New to EPA List
Added	Stove Builder International Inc.	Osburn 2500	New to EPA List

