

**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.

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

Manufacturer Name	Model Name	Annual Avg Emission Rate (grams/hr)	Heat Output (BTU/hr)
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



Manufacturer Name	Model Name	Annual Avg Emission Rate (grams/hr)	Heat Output (BTU/hr)
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	Absolute 43	1.8	11800-33900
Hearth and Home Technologies	Harman Stove Company XXV	1.8	10600-36900



Manufacturer Name	Model Name	Annual Avg Emission Rate (grams/hr)	Heat Output (BTU/hr)
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
Ravelli SRL	Francesca 2015, Monica 2015, and RV80 Ceramica.	0.6	13400-34000



Manufacturer Name	Model Name	Annual Avg Emission Rate (grams/hr)	Heat Output (BTU/hr)
Ravelli SRL	RV100 Classic	0.7	10750-34500
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.	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
Stove Builder International, Inc.	DC Series Osburn Volta and Drolet Edison	2.5	6600-25500
Theлин Company Inc. (Cardon Products)	Providence, Providence Signature	1.2	12800-35700
Theлин Company Inc. (Cardon Products)	Theлин Parlour 3000	0.43	9045-15844



Manufacturer Name	Model Name	Annual Avg Emission Rate (grams/hr)	Heat Output (BTU/hr)
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	SP1000	1.5	4900-32500

Source: <http://www.epa.gov/compliance/list-epa-certified-wood-stoves> (accessed July 27, 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	Ravelli SRL	RV100 Classic	New to EPA List
Added	United States Stove Company	5780, AP5780, VG5780, SP5780, and SP58	New to EPA List



Change Type	Manufacturer	Models	Reason for Change
Added	United States Stove Company	SPC4000, APC4000 and 5040	New to EPA List
Added	Theelin Company Inc. (Cardon Products)	Theelin Gnome	New to EPA List
Added	Ravelli SRL	RV100 Classic	New to EPA List
Added	Sierra Products, Inc.	EasyFire Pellet Stove	New to EPA List
Added	Stove Builder International Inc.	55 Series Eco-55 and Eco-55 ST	New to EPA List

