

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 at:
<http://burnwise.alaska.gov/requirements>

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)
American Energy Systems, Inc. (AES)	3500P, 35001, 3502	1	4,917 - 20,607
American Energy Systems, Inc. (AES)	Baby Country Side	1	10,330 - 25,519
American Energy Systems, Inc. (AES)	Little Rascal	1.1	10,247 - 24,028
APR Industries Ltd.	BayWin Free Standing and Insert	.56	7,441 - 27,818
APR Industries Ltd.	Kozi 100 Free Standing and Insert and KSH 120	.61	8,420 - 30,596
APR Industries Ltd.	Previa	1	8,077 - 27,113
Ardisam	Serenity Castle	1.1	9,831 - 22,266
Blaze King Industries, Inc.	Blaze King Auto Light PAL-4000	2.5	12,200 - 33,700
Bosca Chile S.A.	Spirit 500, Classic 500	1.2	8,700 - 21,700



Manufacturer Name	Model Name	Annual Avg Emission Rate (grams/hr)	Heat Output (BTU/hr)
(Ingeniera De Combustion)			
Bosca Chile S.A. (Ingeniera De Combustion)	Soul Pellet Stove Insert, Soul 700 free standing, Soul 700 Insert	2.2	6,100 - 30,000
Country Stoves, Inc. (Innovative Hearth Products)	Winslow PS40 and PI40	1.1	7,500 - 21,300
Dansons Incorporated	HR-2	0.9	10,500 - 33,400
Dansons, Incorporated	Eclipse	1.0	7,800 - 33,100
Dell Point Technologies	DC 2000, Europa	0.6	10,400 - 24,100
England's Stove Works, Inc.	25-SSP01, 25-SSP01S, 55-SHSSP01, 55-SHSSP01S, 55-TRSSP01, and 55-TRSSP01S	0.56	15,997 - 36,144
England's Stove Works, Inc.	25-EP, 55-TRPEP, 55-SHPEP, 25-EPI, 55-TRPEPI, 55-SHPEPI 25-EPI, 55-TRPEPI, 55-SHPEPI	1.4	10,700 - 25,100
England's Stove Works, Inc.	10-CPM, 49-TRCPM, 49-SHCPM	1.6	10,500 - 24,600
England's Stove Works, Inc.	25-IP, 55-SHPIP and 55-TRPIP	1.8	14,108 - 35,023
Even Temp, Inc	Prescott EXP and Prescott EXL	0.53	6,293 - 30,089
Even Temp, Inc	Ashby-P	1	5,682 - 31,713
Even Temp, Inc	Hastings	1.1	7,232 - 27,455
Evergreen Metal Products Inc.	Schrader Pelletmiser 905-P	1.0	11,000 - 32,700
Extraflame S.P.A.	V5.2	.59	15,940 - 44,978
Extraflame S.P.A.	V4.5	.93	12,606 - 37,218
Extraflame S.P.A.	V3.4	1.1	10,234 - 28,441
F. Huemer Ges. M.B.H.	Austroflamm Wega II	1.3	8,500 - 42,000
Fireplace Products International Limited	Hampton GC60, GCI60 Hampton Cast Pellet Stove & Insert	1.0	9,400 - 45,500
Fireplace Products International Limited	Regency GF55, GFI55 Regency Greenfire Pellet Stove & Insert	2.0	6,500 - 40,000
Glow Boy	HR-2	0.9	10,500 - 33,400
Gruppo Piazzetta S.P.A.	P960, P961, P962	2.0	10,000 - 38,500



Manufacturer Name	Model Name	Annual Avg Emission Rate (grams/hr)	Heat Output (BTU/hr)
Gruppo Piazzetta S.P.A.	P963	2.0	10,000 - 37,900
Gruppo Piazzetta S.P.A.	Monia, Marcella, Marcella, Mia, Maira	2.2	9,900 - 37,200
Gruppo Piazzetta S.P.A.	P955, P956, and P957	2.3	9,000 - 29,700
Gruppo Piazzetta S.P.A.	Sabrina, Sveva, Samanta, Siria	2.3	9,900 - 37,200
Gruppo Piazzetta S.P.A.	P958	2.3	8,120 - 31,400
Hearth and Home Technologies	Pleasant Hearth (PH35PS), Pel Pro PP60	0.28	9,600 - 25,000
Hearth and Home Technologies	Pleasant Hearth (PH50PS)	0.74	9,300 - 32,400
Hearth and Home Technologies	PelPro PPC90	2	11,055 - 47,378
Hearth and Home Technologies	Harman Stove Company P43	1.3	12,600 - 31,300
Hearth and Home Technologies	PelPro PP130	1.6	10,600 - 35,000
Hearth and Home Technologies	Quadra-fire Santa Fe/Castile	1.8	8,500 - 28,200
Hearth and Home Technologies	Heatilator ECO-ADV-PS35 (PS35)	2.1	9,300 - 24,400
Hearth and Home Technologies	Mount Vernon E2 Freestanding and Insert	0.5	13,900 - 42,200
Hearth and Home Technologies	Quadra Fire CB1200/Classic Bay 1200	1.1	13,500 - 37,600
Hearth and Home Technologies	Harman Stove Company P68	1.3	11,800 - 53,500
Hearth and Home Technologies	Quadra-fire CB12001/Classic Bay 1200i	1.3	11,500 - 34,600
Hearth and Home Technologies	Absolute 63	1.4	10,164 - 46,399
Hearth and Home Technologies	P35i	1.5	9,600 - 28,800
Hearth and Home Technologies	Harman Stove Company Accentra 52i	1.5	10,300 - 39,800
Hearth and Home Technologies	Harman Stove Co. Invincible RS	1.5	6,200 - 32,800
Hearth and Home Technologies	Allure 50	1.5	9,001 - 39,105
Hearth and Home Technologies	Heatilator CAB50/PS50	1.7	11,900 - 31,400
Hearth and Home Technologies	P61-a	1.7	10,600 - 45,100
Hearth and Home Technologies	Mount Vernon AE Freestanding and Insert	1.7	12,500 - 40,200



Manufacturer Name	Model Name	Annual Avg Emission Rate (grams/hr)	Heat Output (BTU/hr)
Hearth and Home Technologies	XXV-TC	1.7	7,096 - 35,283
Hearth and Home Technologies	Absolute 43	1.8	11,800 - 33,900
Hearth and Home Technologies	Advance	1.8	5,411 - 29,468
Hearth and Home Technologies	Harman Stove Company XXV	1.8	10,600 - 36,900
Hearth and Home Technologies	Harman Stove Co. TL 2.0	2.1	9,600 - 31,800
Hearth and Home Technologies	400	2.1	8,700 - 2,200
Hearth and Home Technologies	Adventure III	2.1	11,200 - 43,300
Hearth and Home Technologies	Quadra-Fire 4100I and Bodega Bay	2.2	9,000 - 41,800
Hearth and Home Technologies	Harman Stove Co. TL 2.6	2.2	11,300 - 32,700
Hearth and Home Technologies	2590	2.2	9,900 - 34,300
Hearth and Home Technologies	WoodPro WS-TS-2500 (formerly HCS-03)	2.2	13,000 - 30,800
Hearth and Home Technologies	WoodPro WS-TS-1500 (formerly HCS-01)	2.2	10,700 - 27,300
Hearth and Home Technologies	Accentra-2	2.2	6,253 - 25,210
Hearth and Home Technologies	WoodPro WS-TS-2000 (formerly HCS-02)	2.2	13,500 - 31,600
Hearthstone Quality Home Heating Products Inc.	Heritage 8090, 8091, Manchester 8330	2.2	15,300 - 31,200
Hearthstone Quality Home Heating Products Inc.	Homestead 8570	2.2	10,500 - 33,600
Hearthstone Quality Home Heating Products Inc.	Shelburne 1 8371	2.3	11,800 - 32,400
Hearthstone Quality Home Heating Products Inc.	Manchester 2 8361	2.3	11,600 - 34,000
Hearthstone Quality Home Heating Products Inc.	Heritage	2.3	10,700 - 29,400
Hearthstone Quality Home Heating Products Inc.	Phoenix 8612	2.3	10,500 - 41,500
Hearthstone Quality Home Heating Products Inc.	Tula 8190	2.3	11,500 - 29,300
Hearthstone Quality Home Heating Products Inc.	Heritage I (8021), Heritage (8022)	2.3	11,700 - 32,800
Hearthstone Quality Home Heating Products Inc.	Castleton 8030	2.3	11,400 - 24,600



Manufacturer Name	Model Name	Annual Avg Emission Rate (grams/hr)	Heat Output (BTU/hr)
Hearthstone Quality Home Heating Products Inc.	Mansfield 2 8012	2.3	11,400 - 28,900
Hearthstone Quality Home Heating Products Inc.	Tribute 8040	2.4	10,600 - 28,300
Hearthstone Quality Home Heating Products Inc.	Manchester 8360	2.4	11,300 - 47,500
Hearthstone Quality Home Heating Products Inc.	Craftsbury 1 8391	2.4	11,000 - 25,600
Hearthstone Quality Home Heating Products Inc.	Equinox 8000	2.4	12,000 - 37,900
Hearthstone Quality Home Heating Products Inc.	Clydesdale 8490, 8491	2.4	11,900 - 33,100
Hearthstone Quality Home Heating Products Inc.	Starlet	2.4	9,200 - 25,400
Hearthstone Quality Home Heating Products Inc.	Bennington	2.4	11,900 - 32,600
Hearthstone Quality Home Heating Products Inc.	Morgan 8470	2.4	10,500 - 29,300
Heat Tech Industries	HTP 26 Bay	.54	8,637 - 22,999
Heat Tech Industries	HTP 26 Standard	.77	7,038 - 16,701
Henan Hi-Flame	Hi-Flame 905	2.4	10,500 - 30,500
High Energy Manufacturing, Limited	J1000 Pellet Stove	2.1	13,000 - 21,800
High Sierra Stoves, Ltd.	Evolution 8000TE	2.4	7,900 - 40,500
High Sierra Stoves, Ltd.	Ambassador 4700TE	2.5	10,100 - 37,600
High Sierra Stoves, Ltd.	Sweet Home Catalytic Fir AK-18	2.5	8,800 - 29,500
High Sierra Stoves, Ltd.	Cricket MHCR 5200	2.5	6,800 - 27,600
High Sierra Stoves, Ltd.	Evolution 7000TE,7000C	2.5	11,200 - 43,000
High Valley Stoves by Stoll	High Valley 1600	2.5	11,800 - 40,400
High Valley Stoves by Stoll	High Valley Stoves 2500	2.5	7,700 - 40,900
High Valley Stoves by Stoll	High Valley 1500	2.5	9,400 - 34,200
Hi-Teck Stoves	Hi Teck H 2000C	2.5	12,600 - 41,400
Horizon Research Inc.	HR-2	0.9	10,500 - 33,400



Manufacturer Name	Model Name	Annual Avg Emission Rate (grams/hr)	Heat Output (BTU/hr)
Horizon Research Inc.	Eclipse	1.0	7,800 - 33,100
Horse Flame Metal USA, Inc.	517 HF	2.5	8,600 - 24,400
Hussong Manufacturing Company, Inc.(Kozy Heat)	Kozy Heat Z 42	2.5	11,500 - 35,100
HWAM Heat Design A/S	Monet	2.5	11,000 - 26,200
HWAM Heat Design A/S	3055	2.5	11,000 - 26,200
Innovative Hearth Products	Bella	1.0	11,200 - 25,900
Innovative Hearth Products	Winslow PS40, PI40	1.1	7,500 - 21,300
Lennox Hearth Products (Innovative Hearth Products)	Whitfield WP-1, III T, II-T, II-TC, Advantage Series	1.0	9,100 - 37,800
Lennox Hearth Products (Innovative Hearth Products)	WP-2 III T, II-TC, Advantage Series	1.0	9,100 - 37,800
Lennox Hearth Products (Innovative Hearth Products)	BELLA	1.0	11,200 - 25,900
Lennox Hearth Products (Innovative Hearth Products)	Whitfield Fireplace/Hearth Stove	1.0	11,000 - 35,700
Lennox Hearth Products (Innovative Hearth Products)	WINSLOW PS40 and PI40	1.1	7,500 - 21,300
Lennox Hearth Products (Innovative Hearth Products)	Whitfield Advantage WP-2	1.3	10,900 - 35,100
LMF Manufacturing, Ltd.	America's Heat B-100	1.7	9,098 - 18,773
MCZ S.p.a.	Musa Air	1.3	7,400 - 27,000
MCZ S.p.a.	Star Air 7109021	1.4	8,200 - 24,500
MCZ S.p.a.	Musa Multi-Air 7109023	1.8	9,700 - 31,800
Ningbo Hongsheng Fireplace Co,	Comfortbilt HP50S	2.5	13,400 - 38,600
Pacific Energy Fireplace Products Limited	True North 40 Insert	.69	6,033 - 25,617
Pacific Energy Fireplace Products Limited	True North TN40	1.4	6,672 - 27,949
Pellefier Inc.	Venturi PVI-87	0.5	9,000 - 31,800
Quality Craft	QCPS - 28000	2.4	13,100 - 14,800
Ravelli SRL	Roma 034-00-001A	.74	10,300 - 31,500



Manufacturer Name	Model Name	Annual Avg Emission Rate (grams/hr)	Heat Output (BTU/hr)
Ravelli SRL	Francesca 2015, Monica 2015, & RV 80 Ceramica.	0.6	13,400 - 34,000
Ravelli /EcoTeck	Monica / Francesca	1.5	8,500 - 35,000
Ravelli /EcoTeck	Sofia / Silvia	1.7	8,500 - 50,000
Seraph Industries	Genesis 108	2.1	11,100 - 45,100
Sherwood Industries, Ltd.	Enviro M55, M55C, VF55, Greenfire/Hampton GC60	1.0	9,300 - 45,500
Sherwood Industries, Ltd.	EMPRESS FPI, Milan	1.3	25,700 - 30,000
Sherwood Industries, Ltd.	EF5	1.3	8,200 - 22,900
Sherwood Industries, Ltd.	Mini (P3)/Greenfire GF40	1.6	22,600 - 30,100
Sherwood Industries, Ltd.	Empress FS	1.7	27,800 - 35,700
Sherwood Industries, Ltd.	Envirofire - Meridian FS & FPI	2.0	6,500 - 40,000
Sherwood Industries, Ltd.	EF 3, Meridian and Vista Flame 100, Greenfire GF55, GF55FPI	1.1	6,500 - 40,000
Sherwood Industries, Ltd.	EF2, Chatham, Davenport & Kinderhook	1.8	10,190 - 25,989
Sherwood Industries, Ltd.	Maxx-B	2.3	9,700 - 47,600
Stove Builder International Inc.	BIO-45MF, Eco-45, FP-45, Hybrid-45MF	1.2	8,600 - 29,800
Stove Builder International Inc.	Emerald 2000	1.7	7,500 - 24,500
Stove Builder International Inc.	BIO-35MF, Eco-35, FP-35, Hybrid-35MF	1.8	6,700 - 15,300
Stove Builder International, Inc.	Eurostar, Osburn 5000	2.2	10,300 - 30,500
Stove Builder International, Inc.	65 Series Euromax (2014), Eco-65 (2014), and Osburn 7000 (2014)	2.4	7,200 - 34,000
Stove Builder International, Inc.	DC Series Osburn Volta and Drolet Edison	2.5	6,600 - 25,500
Theelin Company Inc. (Cardon Products)	Providence, Providence Signature	1.2	12,800 - 35,700
Theelin Company Inc. (Cardon Products)	Tiburon	2.5	8,500 - 44,500
Thermic, Inc.	Crossfire FS-1	0.5	6,900 - 39,900
Travis Industries, Inc.	AGP Insert	0.66	9,300 - 31,200



Manufacturer Name	Model Name	Annual Avg Emission Rate (grams/hr)	Heat Output (BTU/hr)
Travis Industries, Inc.	AGP Freestanding	0.67	9,600 - 33,000
Travis Industries, Inc.	FoxFire	0.73	12,000 - 41,000
United States Stove Company	5520	0.94	8,200 - 34,000
United States Stove Company	5710, AP5710, VG5710, 5501S, AP5501S & VG5501S	1.0	13,281 - 27,492
United States Stove Company	6039, 6039 T, 6039 HF, 6039 TP, 6041 SP6000	1.5	8,500 - 29,900
United States Stove Company	SP1000	1.5	4,900 - 32,500
United States Stove Company	SPC50	1.5	6,600 - 31,600
United States Stove Company	5500M, 5502M	1.6	9,100 - 27,700
United States Stove Company	SP1002	1.7	7,300 - 34,000
United States Stove Company	4840	1.8	6,300 - 10,800
United States Stove Company	5660E, AP5660, AP5660L, AP5660PE, and DNMP566	1.9	11,155 - 24,361
United States Stove Company	Model-AP5501S & VG5501S	2.0	13,281 - 27,492
Welenco Manufacturing, Inc.	P-1000W	0.7	9,600 - 23,900
Winrich International	Winrich Pellet Stove	1.6	8,500 - 27,900
Winston Stove Company	WP-18	0.6	10,000 - 21,300
Winston Stove Company	WP-24	1.5	9,700 - 29,400
Wiseway Pellet Stoves	GW-2014-W, GW-2014	1.6	12,600 - 30,400
Wiseway Pellet Stoves	GW1949	1.9	7,500 - 19,500
Wolf Steel Ltd.	TPSI35	2.1	11,200 - 36,000
Wolf Steel Ltd.	NPS45	2.4	8,800 - 29,000

Source: <http://www.epa.gov/compliance/list-epa-certified-wood-stoves> (accessed October 17, 2016)

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.



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Summary of Changes:

Change Type	Manufacturer	Models	Reason for Change
Added	APR Industries Ltd.	BayWin Free Standing and Insert	New To EPA List
Added	APR Industries Ltd.	Kozi 100 Free Standing and Insert and KSH 120	New To EPA List
Added	England's Stove Works, Inc.	25-IP, 55-SHPIP and 55-TRPIP	New To EPA List
Added	Pacific Energy Fireplace Products Limited	True North 40 Insert	New To EPA List
Removed	Hearth and Home Technologies	PelPro TSC90, Pleasant Hearth PHC90	Removed From EPA List

