Test number	119		
Category #	Cat. #1		
Test Date	2/8/2011		
Operator	Anthony Tronerud		
Stove Model	FF 30	Serial Number	120110009

Run Time	160	min
Wood Type	Crib Wood	
Total Fuel Weight	40.3	lb
Moisture Content	17.65	%

Qin (HHV)	293410.00	BTU
Qin (LHV)	256622.00	BTU
Qout	229940.00	BTU
Qoutput	86227.5	BTU/hr

Emissions Summary

Burn Rate	BR	5.826707257	kg/hr
Particulate Matter	Mn	2.8	mg
Volume of Gas	Vm(std)	23.08966708	ft^3
Gas Velocity	Vs	11.69	ft/sec
Particulate Concentration	Cs	0.000121266	g/dscf
Avg. Gas Flow Rate	Qsd	29396.67	dscf/hr

E_T	9.51	g
$E_{g/MJ}$	0.04	g/MJ
$E_{lb/MMBTU\ input\ HHV}$	0.07	lb/MMBTU input HHV
$E_{lb/MMBTU\ input\ LHV}$	0.08	lb/MMBTU input LHV
$E_{lb/MMBTU\ output}$	0.09	lb/MMBTU output
$E_{g/hr}$	3.56	g/hr
$E_{g/kg}$	0.00	g/kg
$E_{g/hr\ 10,000\ BTU}$	0.16	g/hr 10,000 BTU

Test number	120		
Category #	Cat. #3		
Test Date	2/10/2011		
Operator	Anthony Tronerud		
Stove Model	FF 30	Serial Number	120110009

Run Time	380.6	min
Wood Type	Cord Wood	
Total Fuel Weight	50.2	lb
Moisture Content	20.37	%

Qin (HHV)	350890.00	BTU
Qin (LHV)	306896.00	BTU
Qout	265063.00	BTU
Qoutput	41786.07462	BTU/hr

Emissions Summary

Burn Rate	BR	2.982228862	kg/hr
Particulate Matter	Mn	9.2	mg
Volume of Gas	Vm(std)	54.42451855	ft^3
Gas Velocity	Vs	11.43	ft/sec
Particulate Concentration	Cs	0.000169041	g/dscf
Avg. Gas Flow Rate	Qsd	29138.66	dscf/hr

E_T	31.24	g
$E_{g/MJ}$	0.11	g/MJ
$E_{lb/MMBTU\ input\ HHV}$	0.20	lb/MMBTU input HHV
$E_{lb/MMBTU\ input\ LHV}$	0.22	lb/MMBTU input LHV
$E_{lb/MMBTU\ output}$	0.26	lb/MMBTU output
$E_{g/hr}$	4.93	g/hr
$E_{g/kg}$	0.00	g/kg
$E_{g/hr\ 10,000\ BTU}$	0.19	g/hr 10,000 BTU

Test number	0126		
Category #	Cat. #3		
Test Date	10/4/2011		
Operator	Kory Johnson		
Stove Model	FF30	Serial Number	120110009

Run Time	171.1	min
Wood Type	Crib Wood	
Total Fuel Weight	52.5	lb
Moisture Content	21.80	%

Qin (HHV)	368397.00	BTU
Qin (LHV)	340391.00	BTU
Qout	329435.00	BTU
Qoutput	115523.6704	BTU/hr

Emissions Summary

Burn Rate	BR	6.856244584	kg/hr
Particulate Matter	Mn	2.4	mg
Volume of Gas	Vm(std)	24.13968046	ft^3
Gas Velocity	Vs	10.59	ft/sec
Particulate Concentration	Cs	9.94214E-05	g/dscf
Avg. Gas Flow Rate	Qsd	26090.62	dscf/hr

E_T	7.40	g
$E_{g/MJ}$	0.02	g/MJ
$E_{lb/MMBTU\ input\ HHV}$	0.04	lb/MMBTU input HHV
$E_{lb/MMBTU\ input\ LHV}$	0.05	lb/MMBTU input LHV
$E_{lb/MMBTU\ output}$	0.05	lb/MMBTU output
$E_{g/hr}$	2.59	g/hr
$E_{g/kg}$	0.00	g/kg
$E_{g/hr\ 10,000\ BTU}$	0.08	g/hr 10,000 BTU

Test number	0127		
Category #	Cat. #1		
Test Date	10/5/2011		
Operator	Kory Johnson		
Stove Model	FF30	Serial Number	120110009

Run Time	476.1	min
Wood Type	Crib Wood	
Total Fuel Weight	48.92	lb
Moisture Content	20.70	%

Qin (HHV)	346471.00	BTU
Qin (LHV)	320131.00	BTU
Qout	295853.00	BTU
Qoutput	37284.56207	BTU/hr

Emissions Summary

Burn Rate	BR	2.316889349	kg/hr
Particulate Matter	Mn	5.2	mg
Volume of Gas	Vm(std)	68.7198826	ft^3
Gas Velocity	Vs	10.96	ft/sec
Particulate Concentration	Cs	7.56695E-05	g/dscf
Avg. Gas Flow Rate	Qsd	27909.57	dscf/hr

E_T	16.76	g
$E_{g/MJ}$	0.05	g/MJ
$E_{lb/MMBTU\ input\ HHV}$	0.11	lb/MMBTU input HHV
$E_{lb/MMBTU\ input\ LHV}$	0.12	lb/MMBTU input LHV
$E_{lb/MMBTU\ output}$	0.12	lb/MMBTU output
$E_{g/hr}$	2.11	g/hr
$E_{g/kg}$	0.00	g/kg
$E_{g/hr\ 10,000\ BTU}$	0.07	g/hr 10,000 BTU

Test number	0128		
Category #	Cat. #2		
Test Date	10/6/2011		
Operator	Kory Johnson		
Stove Model	FF30	Serial Number	120110009

Run Time	348.1	min
Wood Type	Crib Wood	
Total Fuel Weight	53	lb
Moisture Content	21.80	%

Qin (HHV)	372099.00	BTU
Qin (LHV)	343811.00	BTU
Qout	334217.00	BTU
Qoutput	57607.06693	BTU/hr

Emissions Summary

Burn Rate	BR	3.402113939	kg/hr
Particulate Matter	Mn	2.2	mg
Volume of Gas	Vm(std)	47.87724281	ft^3
Gas Velocity	Vs	11.26	ft/sec
Particulate Concentration	Cs	4.59508E-05	g/dscf
Avg. Gas Flow Rate	Qsd	28548.07	dscf/hr

E_T	7.61	g
$E_{g/MJ}$	0.02	g/MJ
$E_{lb/MMBTU\ input\ HHV}$	0.05	lb/MMBTU input HHV
$E_{lb/MMBTU\ input\ LHV}$	0.05	lb/MMBTU input LHV
$E_{lb/MMBTU\ output}$	0.05	lb/MMBTU output
$E_{g/hr}$	1.31	g/hr
$E_{g/kg}$	0.00	g/kg
$E_{g/hr\ 10,000\ BTU}$	0.04	g/hr 10,000 BTU

Test number	0129		
Category #	Cat. #1		
Test Date	11/29/2011		
Operator	Kory Johnson		
Stove Model	FF30	Serial Number	120110009

Run Time	190 min	414	Eff run time
Wood Type	Cord Wood		
Total Fuel Weight	40.2 lb		
Moisture Content	14.62 %		

Qin (HHV)	300172.00 BTU
Qin (LHV)	262536.00 BTU
Qout	243842.00 BTU
Qoutput	77002.73684 BTU/hr

Emissions Summary

Burn Rate	BR	5.023977143	kg/hr
Particulate Matter	Mn	3.6	mg
Volume of Gas	Vm(std)	26.87610493	ft^3
Gas Velocity	Vs	11.43	ft/sec
Particulate Concentration	Cs	0.000133948	g/dscf
Avg. Gas Flow Rate	Qsd	29287.21	dscf/hr

E_T	12.42	g
$E_{g/MJ}$	0.05	g/MJ
$E_{lb/MMBTU\ input\ HHV}$	0.09	lb/MMBTU input HHV
$E_{lb/MMBTU\ input\ LHV}$	0.10	lb/MMBTU input LHV
$E_{lb/MMBTU\ output}$	0.11	lb/MMBTU output
$E_{g/hr}$	1.80	g/hr
$E_{g/kg}$	0.00	g/kg
$E_{g/hr\ 10,000\ BTU}$	0.16	g/hr 10,000 BTU

Test number	0130		
Category #	Cat. #1		
Test Date	12/15/2011		
Operator	Kory Johnson		
Stove Model	FF30	Serial Number	120110009

Run Time	960.1	min	If test was a cold start	
Wood Type	Cord Wood		Eff run time	min
Total Fuel Weight	50.9	lb		
Moisture Content	15.69	%		

Qin (HHV)	376178.00	BTU
Qin (LHV)	329013.00	BTU
Qout	251777.00	BTU
Qoutput	15734.4235	BTU/hr

Emissions Summary

Burn Rate	BR	1.24718928	kg/hr
Particulate Matter	Mn	6.8	mg
Volume of Gas	Vm(std)	133.4035927	ft^3
Gas Velocity	Vs	11.70	ft/sec
Particulate Concentration	Cs	5.09731E-05	g/dscf
Avg. Gas Flow Rate	Qsd	30097.47	dscf/hr

E_T	24.55	g
$E_{g/MJ}$	0.09	g/MJ
$E_{lb/MMBTU\ input\ HHV}$	0.14	lb/MMBTU input HHV
$E_{lb/MMBTU\ input\ LHV}$	0.16	lb/MMBTU input LHV
$E_{lb/MMBTU\ output}$	0.21	lb/MMBTU output
$E_{g/hr}$	1.53	g/hr
$E_{g/kg}$	0.00	g/kg
$E_{g/hr\ 10,000\ BTU}$	0.06	g/hr 10,000 BTU

Test number	131		
Category #	Cat. #2		
Test Date	1/3/2012		
Operator	Kory Johnson		
Stove Model	FF30	Serial Number	120110009

Run Time	617	min	If test was a cold start	
Wood Type	Cord Wood		Eff run time	min
Total Fuel Weight	50	lb		
Moisture Content	15.73	%		

Qin (HHV)	369410.00	BTU
Qin (LHV)	323093.00	BTU
Qout	288859.00	BTU
Qoutput	28090.01621	BTU/hr

Emissions Summary

Burn Rate	BR	1.905737955	kg/hr
Particulate Matter	Mn	3.9	mg
Volume of Gas	Vm(std)	85.44909964	ft^3
Gas Velocity	Vs	11.25	ft/sec
Particulate Concentration	Cs	4.56412E-05	g/dscf
Avg. Gas Flow Rate	Qsd	28709.60	dscf/hr

E_T	13.47	g
$E_{g/MJ}$	0.04	g/MJ
$E_{lb/MMBTU\ input\ HHV}$	0.08	lb/MMBTU input HHV
$E_{lb/MMBTU\ input\ LHV}$	0.09	lb/MMBTU input LHV
$E_{lb/MMBTU\ output}$	0.10	lb/MMBTU output
$E_{g/hr}$	1.31	g/hr
$E_{g/kg}$	0.00	g/kg
$E_{g/hr\ 10,000\ BTU}$	0.05	g/hr 10,000 BTU

Test number	132		
Category #	Cat. #2		
Test Date	1/10/2012		
Operator	Kory Johnson		
Stove Model	FF30	Serial Number	120110009

Run Time	627	min	If test was a cold start	
Wood Type	Cord Wood		Eff run time	min
Total Fuel Weight	49.44	lb		
Moisture Content	21.14	%		

Qin (HHV)	348939.00	BTU
Qin (LHV)	305189.00	BTU
Qout	283418.00	BTU
Qoutput	27121.33971	BTU/hr

Emissions Summary

Burn Rate	BR	1.771526479	kg/hr
Particulate Matter	Mn	6.4	mg
Volume of Gas	Vm(std)	87.10224656	ft^3
Gas Velocity	Vs	11.01	ft/sec
Particulate Concentration	Cs	7.34769E-05	g/dscf
Avg. Gas Flow Rate	Qsd	28125.17	dscf/hr

E_T	21.60	g
$E_{g/MJ}$	0.07	g/MJ
$E_{lb/MMBTU\ input\ HHV}$	0.14	lb/MMBTU input HHV
$E_{lb/MMBTU\ input\ LHV}$	0.16	lb/MMBTU input LHV
$E_{lb/MMBTU\ output}$	0.17	lb/MMBTU output
$E_{g/hr}$	2.07	g/hr
$E_{g/kg}$	0.00	g/kg
$E_{g/hr\ 10,000\ BTU}$	0.07	g/hr 10,000 BTU

Category #	Cat. #1		
Test Date	2/20/2012		
Operator	Kory Johnson		
Stove Model	FF30	Serial Number	120110009

Run Time	224.1	min	If test was a cold start		
Wood Type	Cord Wood		Eff run time	862.1	min
Total Fuel Weight	50	lb		calculated	
Moisture Content	14.50	%			
Qin (HHV)	385000.00	BTU			
Qin (LHV)	335000.00	BTU			
Qout	285500.00	BTU			
Qoutput	76439.08969	BTU/hr			

Emissions Summary

Burn Rate	BR	5.303309307	kg/hr
Particulate Matter	Mn	4.1	mg
Volume of Gas	Vm(std)	31.14663141	ft^3
Gas Velocity	Vs	11.12	ft/sec
Particulate Concentration	Cs	0.000131635	g/dscf
Avg. Gas Flow Rate	Qsd	28058.39	dscf/hr

E_T	13.80	g
$E_{g/MJ}$	0.05	g/MJ
$E_{lb/MMBTU\ input\ HHV}$	0.08	lb/MMBTU input HHV
$E_{lb/MMBTU\ input\ LHV}$	0.09	lb/MMBTU input LHV
$E_{lb/MMBTU\ output}$	0.11	lb/MMBTU output
$E_{g/hr}$	0.96	g/hr
$E_{g/kg}$	0.00	g/kg
$E_{g/hr\ 10,000\ BTU}$	0.13	g/hr 10,000 BTU

Test Summary

Test number	0134		
Category #	Cat. #1		
Test Date	4/18/2012		
Operator	Jennifer Kokesch		
Stove Model	FF30	Serial Number	120110009

Run Time	260.1	min	If test was a cold start	
Wood Type	Cord Wood		Eff run time	260.1 min
Total Fuel Weight	45.7	lb		
Moisture Content	16.23	%		

Qin (HHV)	335000.00	BTU
Qin (LHV)	300000.00	BTU
Qout	252500.00	BTU
Qoutput	58246.82814	BTU/hr

Emissions Summary

Burn Rate	BR	4.114020521	kg/hr
Particulate Matter	Mn	3.2	mg
Volume of Gas	Vm(std)	32.60926482	ft^3
Gas Velocity	Vs	11.15	ft/sec
Particulate Concentration	Cs	9.81316E-05	g/dscf
Avg. Gas Flow Rate	Qsd	28231.54	dscf/hr

E_T	12.01	g
$E_{g/MJ}$	0.05	g/MJ
$E_{lb/MMBTU\ input\ HHV}$	0.08	lb/MMBTU input HHV
$E_{lb/MMBTU\ input\ LHV}$	0.09	lb/MMBTU input LHV
$E_{lb/MMBTU\ output}$	0.10	lb/MMBTU output
$E_{g/hr}$	2.77	g/hr
$E_{g/kg}$	0.00	g/kg
$E_{g/hr\ 10,000\ BTU}$	0.11	g/hr 10,000 BTU

Test Summary

Test number	135		
Category #	Cat. #1		
Test Date	4/25/2012		
Operator	Kory Johnson		
Stove Model	FF30	Serial Number	120110009

Run Time	349.1 min	If test was a cold start	
Wood Type	Crib Wood	Eff run time	min
Total Fuel Weight	40.16 lb		
Moisture Content	16.97 %		

Qin (HHV)	297754.78 BTU
Qin (LHV)	260422.25 BTU
Qout	191069.95 BTU
Qoutput	32839.29315 BTU/hr

Emissions Summary

Burn Rate	BR	2.676696126	kg/hr
Particulate Matter	Mn	53	mg
Volume of Gas	Vm(std)	42.93181749	ft^3
Gas Velocity	Vs	11.08	ft/sec
Particulate Concentration	Cs	0.001234516	g/dscf
Avg. Gas Flow Rate	Qsd	27985.37	dscf/hr

E_T	201.01	g
$E_{g/MJ}$	1.00	g/MJ
$E_{lb/MMBTU\ input\ HHV}$	1.49	lb/MMBTU input HHV
$E_{lb/MMBTU\ input\ LHV}$	1.70	lb/MMBTU input LHV
$E_{lb/MMBTU\ output}$	2.32	lb/MMBTU output
$E_{g/hr}$	34.55	g/hr
$E_{g/kg}$	0.06	g/kg
$E_{g/hr\ 10,000\ BTU}$	1.81	g/hr 10,000 BTU

Test number	0092		
Category #	Cat. #2		
Test Date	6/4/2010		
Operator	Matt Waldal		
Stove Model	FF 60 KW	Serial Number	1234

Run Time	315.117	min
Wood Type	Crib Wood	
Total Fuel Weight	103.47	lb
Moisture Content	22.86	%

Qin (HHV)	681506.00	BTU
Qin (LHV)	572498.00	BTU
Qout	599504.00	BTU
Qoutput	114148.84	BTU/hr

Emissions Summary

Burn Rate	BR	7.273717022	kg/hr
Particulate Matter	Mn	17.5	mg
Volume of Gas	Vm(std)	44.83610088	ft^3
Gas Velocity	Vs	14.10	ft/sec
Particulate Concentration	Cs	0.00039031	g/dscf
Avg. Gas Flow Rate	Qsd	36084.32	dscf/hr

E_T	73.97	g
$E_{g/MJ}$	0.12	g/MJ
$E_{lb/MMBTU\ input\ HHV}$	0.24	lb/MMBTU input HHV
$E_{lb/MMBTU\ input\ LHV}$	0.28	lb/MMBTU input LHV
$E_{lb/MMBTU\ output}$	0.27	lb/MMBTU output
$E_{g/hr}$	14.08	g/hr
$E_{g/kg}$	0.00	g/kg
$E_{g/hr\ 10,000\ BTU}$	0.23	g/hr 10,000 BTU

Test number	0091		
Category #	Cat. #2		
Test Date	6/3/2010		
Operator	Matt Waldal		
Stove Model	FF 60 kW	Serial Number	1234

Run Time	314.617	min
Wood Type	Crib Wood	
Total Fuel Weight	101.8	lb
Moisture Content	18.98	%
Qin (HHV)	686707.00	BTU
Qin (LHV)	576868.00	BTU
Qout	577949.00	BTU
Qoutput	110219.5368	BTU/hr

Emissions Summary

Burn Rate	BR	7.401434908	kg/hr
Particulate Matter	Mn	14	mg
Volume of Gas	Vm(std)	45.24243968	ft^3
Gas Velocity	Vs	13.91	ft/sec
Particulate Concentration	Cs	0.000309444	g/dscf
Avg. Gas Flow Rate	Qsd	35573.31	dscf/hr

E_T	57.72	g
$E_{g/MJ}$	0.09	g/MJ
$E_{lb/MMBTU\ input\ HHV}$	0.19	lb/MMBTU input HHV
$E_{lb/MMBTU\ input\ LHV}$	0.22	lb/MMBTU input LHV
$E_{lb/MMBTU\ output}$	0.22	lb/MMBTU output
$E_{g/hr}$	11.01	g/hr
$E_{g/kg}$	0.00	g/kg
$E_{g/hr\ 10,000\ BTU}$	0.19	g/hr 10,000 BTU

Test number	0090
Category #	Cat. #3
Test Date	6/2/2010
Operator	Matt Waldal
Stove Model	FF 60 Kw 120V Serial Number Northwest 1

Run Time	173.1	min
Wood Type	Crib Wood	
Total Fuel Weight	96	lb
Moisture Content	23.05	%

Qin (HHV)	634436.00	BTU
Qin (LHV)	532958.00	BTU
Qout	373127.00	BTU
Qoutput	129333.4489	BTU/hr

Emissions Summary

Burn Rate	BR	12.26639211	kg/hr
Particulate Matter	Mn	7.6	mg
Volume of Gas	Vm(std)	25.12966009	ft^3
Gas Velocity	Vs	14.18	ft/sec
Particulate Concentration	Cs	0.000302431	g/dscf
Avg. Gas Flow Rate	Qsd	35682.62	dscf/hr

E_T	31.13	g
$E_{g/MJ}$	0.08	g/MJ
$E_{lb/MMBTU\ input\ HHV}$	0.11	lb/MMBTU input HHV
$E_{lb/MMBTU\ input\ LHV}$	0.13	lb/MMBTU input LHV
$E_{lb/MMBTU\ output}$	0.18	lb/MMBTU output
$E_{g/hr}$	10.79	g/hr
$E_{g/kg}$	0.00	g/kg
$E_{g/hr\ 10,000\ BTU}$	0.29	g/hr 10,000 BTU

Test number	0089
Category #	Cat. #4
Test Date	6/1/2010
Operator	Matt Waldal
Stove Model	FF 60 Kw 120V Serial Number Northwest 1

Run Time	169.617	min
Wood Type	Crib Wood	
Total Fuel Weight	102	lb
Moisture Content	22.57	%

Qin (HHV)	672502.00	BTU
Qin (LHV)	564935.00	BTU
Qout	533342.00	BTU
Qoutput	188663.4005	BTU/hr

Emissions Summary

Burn Rate	BR	13.35275573	kg/hr
Particulate Matter	Mn	10.4	mg
Volume of Gas	Vm(std)	23.08268334	ft^3
Gas Velocity	Vs	14.28	ft/sec
Particulate Concentration	Cs	0.000450554	g/dscf
Avg. Gas Flow Rate	Qsd	35933.66	dscf/hr

E_T	45.77	g
$E_{g/MJ}$	0.08	g/MJ
$E_{lb/MMBTU\ input\ HHV}$	0.15	lb/MMBTU input HHV
$E_{lb/MMBTU\ input\ LHV}$	0.18	lb/MMBTU input LHV
$E_{lb/MMBTU\ output}$	0.19	lb/MMBTU output
$E_{g/hr}$	16.19	g/hr
$E_{g/kg}$	0.00	g/kg
$E_{g/hr\ 10,000\ BTU}$	0.30	g/hr 10,000 BTU

Test number	0077
Category #	Cat. #3
Test Date	5/3/2010
Operator	Matt Waldal
Stove Model	FF 60 kw 120v Serial Number Northwest 1

Run Time	333.617	min
Wood Type	Crib Wood	
Total Fuel Weight	103	lb
Moisture Content	21.27	%

Qin (HHV)	726178.00	BTU
Qin (LHV)	635130.00	BTU
Qout	536546.00	BTU
Qoutput	96496.16177	BTU/hr

Emissions Summary

Burn Rate	BR	6.928831032	kg/hr
Particulate Matter	Mn	7.8	mg
Volume of Gas	Vm(std)	48.66475695	ft^3
Gas Velocity	Vs	14.21	ft/sec
Particulate Concentration	Cs	0.00016028	g/dscf
Avg. Gas Flow Rate	Qsd	36201.14	dscf/hr

E_T	32.26	g
$E_{g/MJ}$	0.06	g/MJ
$E_{lb/MMBTU\ input\ HHV}$	0.10	lb/MMBTU input HHV
$E_{lb/MMBTU\ input\ LHV}$	0.11	lb/MMBTU input LHV
$E_{lb/MMBTU\ output}$	0.13	lb/MMBTU output
$E_{g/hr}$	5.80	g/hr
$E_{g/kg}$	0.38	g/kg
$E_{g/hr\ 10,000\ BTU}$	0.11	g/hr 10,000 BTU

Test number	0078		
Category #	Cat. #2		
Test Date	5/4/2010		
Operator	Anthony Tronerud		
Stove Model	FF 60 kW	Serial Number	Northwest 1

Run Time	606.1	min
Wood Type	Crib Wood	
Total Fuel Weight	100	lb
Moisture Content	21.43	%

Qin (HHV)	704090.00	BTU
Qin (LHV)	615811.00	BTU
Qout	471836.00	BTU
Qoutput	46708.72793	BTU/hr

Emissions Summary

Burn Rate	BR	3.697890247	kg/hr
Particulate Matter	Mn	11.7	mg
Volume of Gas	Vm(std)	86.33880311	ft^3
Gas Velocity	Vs	14.36	ft/sec
Particulate Concentration	Cs	0.000135513	g/dscf
Avg. Gas Flow Rate	Qsd	36740.71	dscf/hr

E_T	50.29	g
$E_{g/MJ}$	0.10	g/MJ
$E_{lb/MMBTU\ input\ HHV}$	0.16	lb/MMBTU input HHV
$E_{lb/MMBTU\ input\ LHV}$	0.18	lb/MMBTU input LHV
$E_{lb/MMBTU\ output}$	0.23	lb/MMBTU output
$E_{g/hr}$	4.98	g/hr
$E_{g/kg}$	0.00	g/kg
$E_{g/hr\ 10,000\ BTU}$	0.11	g/hr 10,000 BTU