

EPA NSPS WEIGHTED AVERAGE CALCULATION

V 1.1

8/27/2010

Project Number: G101687556

Manufacturer: Pacific Energy

Model: FP 30 Series B

Sample ID No: PRT1406271402-001

Type of

Stove:

2

Weighted Average

1=cat

2=noncat

3=pellet

Test No.	(E) Ave.			Heat		(K)		
	Burn Rate	Emission Rate g/hr	HHV (OHE)	Output (BTU/HR)	Prob.	Weighting Factor	(KxE)	KxOHE
1	1.00	2.48	79.00	14621.05	0.3800	0.5020	1.2450	39.66
2	1.16	1.06	78.00	16960.41	0.5020	0.4074	0.4318	31.78
4	1.57	2.64	76.00	22955.04	0.7874	0.4724	1.2471	35.90
5	2.64	4.80	68.00	38599.56	0.9744	0.2126	1.0205	14.46
				0.00	1.0000	0.0000	0.0000	0.00
				0.00	1.0000	0.0000	0.0000	0.00
				0.00	1.0000	0.0000	0.0000	0.00
				0.00	1.0000	0.0000	0.0000	0.00
				0.00	1.0000	0.0000	0.0000	0.00
				0.00	1.0000	0.0000	0.0000	0.00

Totals: 1.5944 3.9444 121.79

Weighted average emissions rate:	2.4739
Weighted Average OHE:	76.39