

EPA WEIGHTED AVERAGES CALCULATIONS
EPA WEIGHTED AVERAGE PARTICULATE EMISSION RATE

The weighted average particulate emission rate (\overline{PM}) for the

PE NEO 1.2 Wood Heater

manufactured by Pacific Energy

is 2.86 g/hr.

EPA WEIGHTED AVERAGE OVERALL EFFICIENCY

The weighted average overall efficiency ($\overline{\%OE}$) using the Higher

Heating Value (HHV) in CSA B415.10-1 is 73.7%. The weighted

average overall efficiency ($\overline{\%OE}$) using the Lower Heating Value (LHV) in

CSA B415.10-1 is 79.6%. The EPA Default efficiency Value is 63.0%.

EPA TEST RESULTS

<u>Run #</u>	<u>Dry Burn Rate/kg/hr</u>	<u>Grams/Hour</u>	<u>HHV Overall Efficiency</u>	<u>LHV Overall Efficiency</u>
<u>1</u>	<u>0.973</u>	<u>3.3825</u>	<u>74.3</u>	<u>80.3</u>
<u>2</u>	<u>1.091</u>	<u>3.0575</u>	<u>73.6</u>	<u>79.5</u>
<u>4</u>	<u>1.829</u>	<u>2.2755</u>	<u>73.2</u>	<u>79.1</u>
<u>3</u>	<u>1.853</u>	<u>2.2045</u>	<u>73.5</u>	<u>79.4</u>
<u>5</u>	<u>1.188</u>	<u>3.5026</u>	<u>73.6</u>	<u>79.5</u>