

EPA WEIGHTED AVERAGES CALCULATIONS
EPA WEIGHTED AVERAGE PARTICULATE EMISSION RATE

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

Pacific ENERGY NEO 2.45 Noncatalytic Wood
Heater manufactured by Pacific Energy
Fireplace Products, LTD. is 285 g/hr.

EPA WEIGHTED AVERAGE OVERALL EFFICIENCY

The weighted average overall efficiency (%OE) using the Higher Heating Value (HHV) in CSA B415.10-1 is 74.3%. The weighted average overall efficiency (%OE) using the Lower Heating Value (LHV) in CSA B415.10-1 is 81.0%. 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>0.950</u>	<u>2.494</u>	<u>74.7</u>	<u>80.8</u>
<u>3</u>	<u>1.244</u>	<u>2.300</u>	<u>74.5</u>	<u>80.6</u>
<u>2</u>	<u>1.306</u>	<u>2.655</u>	<u>75.5</u>	<u>81.6</u>
<u>5</u>	<u>2.703</u>	<u>4.014</u>	<u>72.3</u>	<u>81.1</u>
<u>4</u>	<u>1.224</u>	<u>2.850</u>	<u>74.0</u>	<u>79.9</u>
<u>6</u>	<u>1.243</u>	<u>3.598</u>	<u>75.5</u>	<u>81.6</u>
<u>7</u>	<u>1.214</u>	<u>1.5036</u>	<u>76.9</u>	<u>83.1</u>