

## San Joaquin Valley Unified Air Pollution Control District

### Best Performance Standard (BPS) x.x.xx

Date: 5/30/2012

<b>Class</b>	<b>Steam Generator</b>
<b>Category</b>	<b>Combusting Sour Gas</b>
<b>Best Performance Standard</b>	<p><b>High Efficiency Steam Generator Design With:</b></p> <ol style="list-style-type: none"> <li>1. Split flow dual pass water feed configuration, a convection section having at least 128 square feet of heat transfer surface area per MMBtu/hr of maximum rated heat input (verified by the manufacturer) and at least six inches of castable refractory or a manufacturer's overall thermal efficiency rating of at least 85%</li> </ol> <p style="text-align: center;">And</p> <ol style="list-style-type: none"> <li>2. Variable frequency drive high efficiency electrical motors driving the blower and water pump.</li> </ol>
<b>Percentage Achieved GHG Emission Reduction Relative to Baseline Emissions</b>	10.5%

<b>District Project Number</b>	S1114465
<b>Evaluating Engineer</b>	David Torii
<b>Lead Engineer</b>	Allan Phillips
<b>Public Notice: Start Date</b>	5/31/12
<b>Public Notice: End Date</b>	
<b>Determination Effective Date</b>	