

**San Joaquin Valley
Unified Air Pollution Control District
Best Performance Standard (BPS) x.x.xx**

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| Class | Boilers |
| Category | Direct Contact Water Heaters |
| Best Performance Standard | <p>The direct contact water heater shall be natural gas-fired and designed per the following criteria:</p> <ol style="list-style-type: none"> 1. The unit shall be designed to operate at maximum firing rate with a temperature differential between the flue gas exhaust and the inlet water not exceeding 15°F. <p>And</p> <ol style="list-style-type: none"> 2. Electric motors driving combustion air fans or induced draft fans shall have an efficiency meeting the standards of the National Electrical Manufacturer's Association (NEMA) for "premium efficiency" motors and shall each be operated with a variable speed control or equivalent for control of flow through the fan. |
| Percentage Achieved GHG Emission Reduction Relative to Baseline Emissions | 0.02% |

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| District Project Number | C-1122805 |
| Evaluating Engineer | Jesse A. Garcia |
| Lead Engineer | Joven Refuerzo |
| Public Notice: Start Date | September 12, 2012 |
| Public Notice: End Date | October 8, 2012 |
| Determination Effective Date | TBD |