

**SPECIFICATIONS FOR STAINLESS STEEL BOILERS**

1. The generator shall be constructed to the ASME Miniature Boiler Code Section I - Part PMB and stamped with the ASME Code Symbol Stamp "M".
2. Each generator shall be shop inspected, hydrostatically tested at 300 PSI and stamped by "The National Board of Boiler and Pressure Vessel Authorized Inspectors."
3. Electric heaters shall be immersion resistance type, 316L Stainless Steel (or better) sheathing with the entire element brazed into a removable 316L, 150 LB forged Stainless Steel flange.
4. All Wetted Parts of the water supply pump (if applicable) will be of 316L Stainless Steel and will be pre-wired and rated for the particular size generator to accomplish the necessary water fill and make-up for normal operation in accordance the ASME Code.
5. The complete Electric Steam Generator Package shall be UL, USA or ETL listed as required. All of the electric controls are mounted on the generator and in the electrical control box and includes, but is not limited to, pump and water level control, adjustable steam pressure controls (two), plus standard boiler trim. CE Certification available as an option.
6. All equipment shall be mounted and pre-wired as a complete package requiring only a purified water connection*, electric service line, and drain connection.
7. All Wetted Parts which contact steam or water will be of 316L Stainless Steel material, which shall have been cleaned, passivated, and may be electro-polished as an option.

*Acceptable Feed-water: Feed-water for Stainless Steel Boiler shall be free of Chlorine and possess a minimum of One Meg Ohm resistivity. Acceptable feed waters may be produced by De-Ionization, Reverse-Osmosis, Distillation, or any combination there of. USP Type XXIII WFI (Water for Injection) is also acceptable.