

# POSTWELD HEAT TREATING

## **CERTIFICATIONS:**

- ASME Coded (U and R)
- AISC Certified
- · ISO 9001:2015
- Named in Louisiana's Top 1% Safest Companies of This Type









INFRASTRUCTURE

RENEWABLES

# POSTWELD HEAT TREATMENT FURNACE

TBM has built a furnace for PWHT of pressure vessels built in accordance with provisions of ASME codes and for other items where stress relieving of welds is required.

**Outside Furnace Dimensions:** 26'W x 27'H x 120'L

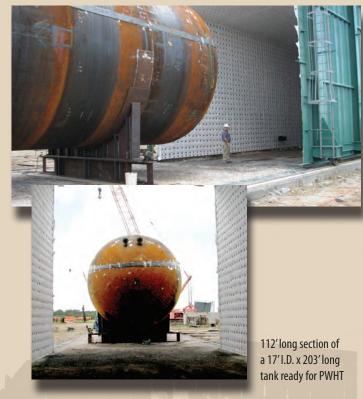
Max Size of Treated Material: 115′(30 m) length and 23′(6.5 m) wide x 23′(6.5 m) height.

**Furnace Insulation:** Two (2) layers of 2" thick 8# density Mineral Wool Board and two (2) layers of 1" thick 8# density Ceramic Fiber Roll, totaling 6" in thickness.

**Temperature Range:** Parts can be heat treated at a temperature range up to 1700 °F (926 °C with a temperature uniformity of +/- 40 °F

 $(+/-4.50 \, {}^{\circ}\text{C})$  during the heating cycle. The PWHT processes ramps up and down within customer heating and cooling rate specifications.

**Burners:** Six (6) - Ratio / Fixed Air Furnace Burners (10 Million BTU / 10550 Megajoule each) provide for safe, reliable, efficient and clean heating process using either raw propane vapor or natural gas.





#### **Physical Address**

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