

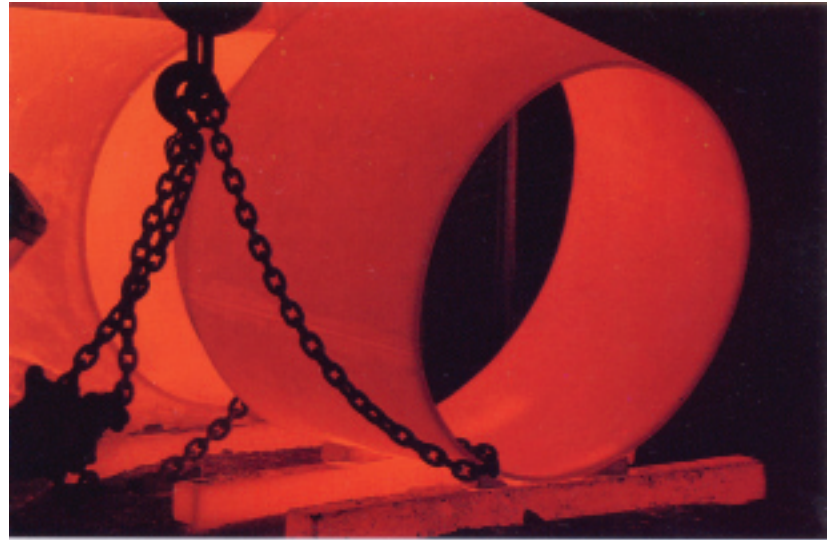
Quality Control

Quality control is achieved through a program designed to get the right instructions to the right people so the product is fabricated correctly the first time.

Alaskan Copper Works maintains documented quality control programs which meet the requirements of the ASME Code Section VIII, Division 1, Section III, Division 1, NCA-3800, 10CFR50 Appendix B and Military Specification MIL-I-45208A. These programs are continually analyzed, revised and improved to meet the increasing challenges and complexity of specifications for piping, fittings, and custom fabrication.

Our current quality control programs require the assignment of responsibility and the maintenance of detailed procedures for engineering, drafting, layout, purchasing, scheduling, fabrication, examination, documentation and packaging.

The facilities at Alaskan Copper Works for radiography, liquid penetrant examination, ultrasonic gaging, hydrostatic testing and dimensional checking enhance the effectiveness of our quality control programs. Alaskan Copper Works currently holds an ASME Certificate of Authorization to manufacture products with either "U" or "UM" stamping in accordance with Section VIII, Division 1 of the code.



Heat treatment stress relieves fittings after forming.



Radiographic inspection checks the integrity of welds.



Hydrotesting testing checks for leaks and structural integrity.



Liquid penetrant examination locates surface defects which may be too small to see visually.



A specialized film reader and digital densitometer are used in interpreting radiographic film.



Angle standard being used to check the dimensional requirements of prefabricated piping items.