T-C Company
Round Machining

NCMS Technology Showcase
Puget Sound Naval Shipyard

PROBLEM STATEMENT

Butt welding tubes and pipes without a precision end-prep may result in inferior weld quality. The result of a bad weld in a pressurized system can include pinholes and catastrophic failure. Welds that fail to pass quality control procedures may result in re-work for higher labor and material costs. Damage on raised face flanges can require the flange to be cut out, re-welded and inspected.

BENEFITS

Spark free, precision, power source free machining.

TECHNOLOGY SOLUTION

Your choice of blade gives you precise weld prep and flange face.

GRAPHIC