

Welding Capabilities



Granite State Manufacturing (GSM) has extensive capabilities in welding and brazing, notably including MIL-Spec and NAVSEA certified experts. Our versatile Manufacturing Team provides the adaptability to meet our customers' specific requirements for precision weldments and weldment assemblies. GSM delivers to numerous industries worldwide including medical equipment, semiconductor fabrication and military systems. We are qualified to a wide variety of welding processes and material groups.

Welding Details

Weld Specifications

- MIL-STD-248
- MIL-STD-278
- MIL-STD-1688
- NAVSEA-248
- NAVSEA-278
- NAVSEA-1688
- AWS D1.1
- AWS D1.2
- AWS D1.6
- AWS D9.1
- AWS D17.1

Welding Processes

- Gas Metal Arc Welding
- Gas Tungsten Arc Welding
- Shielded Metal Arc Welding

Materials Welded

- 17-4 Stainless Steel
- 4130
- Aluminum
- Copper-Nickel
- HY-80
- Inconel
- Carbon Steel
- Nickel-Aluminum
- Bronze
- Nickel-Copper
- Stainless Steel

Material Forms

- Plate and Sheet
- Tubing and Cladding
- Castings/Forgings
- Various Structural Shapes

