

Weld Stud Certification



www.tsamfgomaha.com
Phones: 402-895-5212
800-228-2948
Fax: 402-895-3297

Customer: _____

Customer Purchase Order # _____

Work Order # _____

Invoice# _____

Part # _____

Heat # _____

Weld Stud Size _____

QUANTITY: _____

Certified Chemical Test Report & Chemical Analysis Information

Product meets Standard **A108** requirements for all Cold Finished Carbon & Alloy Steel Bars.

AISI Grade _____

- Carbon (C) _____ %
- Manganese (Mn) _____ %
- Sulfur (S) _____ %
- Silicon (Si) _____ %
- Phosphorus (P) _____ %
- Chromium (Cr) _____ %
- Aluminum (Al) _____ %
- Nickel (Ni) _____ %
- Molybdenum (Mo) _____ %
- Other/ _____ %

Certified Mechanical Property Analysis Information

- Tensile Strength = _____ PSI
- Yield Strength (.2% Offset) = _____ PSI
- Reduction of Area = _____ Minimum %
- Elongation (In 2 Inches) = _____ %

TSA Manufacturing certifies this product was manufactured from a single Heat Code of material. All Chemical and Mechanical Analysis properties reported above are true and in accordance with **ASTM 29, ASTM A108, ASTM E8/E8M, ATM A370-97, AASHTO/AWSD1.5M /D1.5:2008ANNEX E.**



This product is free from Mercury contamination.

Melted and manufactured in the U.S.A.

Signed: Dan Condon, Quality Assurance Manager

Dan Condon, Quality Assurance Manager

Dated: _____

TSA Weld Studs are certified to AASHTO/AWS 1.5M/D1.5:1.5ANNEX E Standards.