

# Travis D. Craig

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## Objectives

To obtain and establish a career that encourages growth in evolving trade.

## Education

### **-St. Francis Senior High**

*Completion of GED in 2005*

### **-Anoka Technical College**

Welding A.A.S Degree. *August 2008- May 2010; G.P.A 3.2*

### **-Boilermaker Union Apprenticeship**

August 2010 – August 2014

## Experience

### **-Journeyman – Boilermaker Union Local 647 | 9459 US Hwy 10 Ramsey, MN 55303**

Welder; *August 2010 – present*

Fabrication, repair and new construction of industrial coal, natural gas, paper mill and nuclear boilers.

- Part of a team for AZCO that completed a 160ft smoke stack for a 350 megawatt natural gas boiler in 6 months. Built 4 40ft sections, welding them into place then stacking each section on top of each other, using a large lattice boom crawler crane and welding round seam, All x ray quality, hundreds of feet of SMAW and GMAW welding.
- Over 4 years working at Flint hills refinery working for Chicago Bridge and Iron, built a 140ft vacuum tower, using blueprints, stainless steel, welded and bolted together. Part the rigging and lifting group. 1.6 million pound lift, with worlds 3<sup>rd</sup> largest crane at time. Installation and connection of lines. Hi torqueing of pressure vessels, use of hydraulic machines to remove heat exchanger's for service and many other tasks.
- Maintained blast furnace at Gopher Resources for Tri Rivers Welding , replacement of natural gas lines, water jackets and connections, high pressure fitting, copper jackets and liner replacement, jet engine removal and basic service. Maintenance of over 30 8in-26in auger delivery system. Maintaining acid recovery delivery troughs and system.

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- Sherco power plant, successful replacement of 200 1600-3000 lbs super heater elements. Oxy-fuel or plasma demo, crane use to get old ones out, new ones in. NDT of high pressure steam line, fit up of new elements weld out with SMAW 7018 or 8018

### **-Diesel Cast Welding | 2190 107<sup>th</sup> LN NE Blaine, MN 55449**

Welder/ Mechanic; *October 2005- December 2009*

Diesel cast engine head teardown, clean up and rebuild.

- Removal of high pressure brass blowout plugs and other fittings from head with torch, wrenches, taps or other non-destructive mode of removal for cleaning preparation
- Mag-flux NDT testing for casting cracks
- Use of radial arm drill, hand grinders, air grinders, torches, welders and other equipment to prep head for rebuilding.
- Use of 15 ton bead blasting and hi temp cleaning baker
- Maintaining equipment to complete these procedures
- Grind and machine to exact head specification for re-installation in engine

### Skills

-Mechanically inclined, Over 5,000 hours experience welding with GTAW, FCAW, GMAW and SMAW processes. Ability to Weld mild/80/90 steel, stainless, other hard surfacing and exotic metals. Certified high pressure boiler tube welder. Oxy/acetylene cutting, plasma cutting, and silver brazing proficient. Trained to use crane signals and rig large unproportioned objects to be lifted by cranes. Able to read blueprints and fabricate accordingly. OSHA 10 certified, MSHA certified