



Capital City Boiler & Machine Works, Inc.

2600 E. Market Street Des Moines, IA 50317

Ph: 515-265-9989 Fax: 515-265-1571

POWER BOILERS

- ◆ Design-Build Installations
- ◆ Tube Repair and replacement
- ◆ Economizer and superheater repair, replacement, and fabrication
- ◆ Generating and convection sections
- ◆ Tube and Lungstrum type air heaters
- ◆ Dust collectors and baghouses
- ◆ Grate and undercarriage work
- ◆ Stokers and feeders (Detroit, Riley, Hoffman, and others)
- ◆ Sootblowers
- ◆ Steel stack inspection, repair, or replacement
- ◆ Ash handling systems
- ◆ HRSG Boiler (Heat Recovery Steam Generator)
- ◆ John Zink Hamworthy Combustion Boilers

POWER AND PROCESS PIPING

- ◆ ANSI B3 1.1 Power Piping
- ◆ ANSI B3 1.3 Chemical and Petroleum Plant Piping
- ◆ ANSI B3 1.9 Gas Transmission Piping
- ◆ Shop and field fabrication
- ◆ Erection
- ◆ Supports and hangers

COMBUSTION SYSTEMS

- ◆ Gas, oil and coal burners
- ◆ Service, repairs, replacements
- ◆ Fuel conversions and upgrades
- ◆ Most OEM's recognized

FIRETUBE BOILERS

- ◆ Firebox and Marine type
- ◆ Retubing
- ◆ Mud-leg and shell repair

CONTROL SYSTEMS

- ◆ SCADA and DCS
- ◆ PLC's and programming
- ◆ Design, installation and testing
- ◆ Modernization of existing panels and field equipment
- ◆ Electronic and pneumatic controls
- ◆ Controls: Triac, Rosemont, Emerson, Smartlink Delta V, and Ratio

HEAT EXCHANGER, CONDENSERS, REHEATERS

- ◆ Testing and evaluation
- ◆ Retubing services
- ◆ Repair and replacement

PRESSURE VESSELS

- ◆ Repair and alterations
- ◆ Custom design and fabrication
- ◆ Inspections

WELDING

- ◆ Carbon and low alloy carbon Steels
- ◆ Austenitic and ferritic stainless steels
- ◆ Nickel and nickel alloys
- ◆ Hastelloys
- ◆ SMAW, GTAW, GMAW, SAW, FCAW and FGW processes

REFRACTORY

- ◆ Plastics, plasters, castables, gunniting
- ◆ Brick and tile work
- ◆ High temperatures ceramic fibers, gaskets
- ◆ Burner throats

QUALIFICATIONS

- ◆ ASME S Stamp for Power Boiler Construction
- ◆ ASME U Stamp for Unfired Pressure Vessels
- ◆ National Board R Stamp (R-1 Repairs, R-2 Alterations)

Mechanical Services for Industry and Utility