



## What We Clean

- ✎ **Chemical Cleaning**
- ✎ Dry Ice Blasting
- ✎ Evaporators
- ✎ Exchangers
- ✎ Food Grade Process Equipment
- ✎ HVAC Equipment
- ✎ Machinery
- ✎ Paint Booths
- ✎ Pits / Ponds / Lagoons
- ✎ Process Piping
- ✎ Reactors
- ✎ Sewers / Drain Lines
- ✎ Silos
- ✎ Steam Turbines
- ✎ Tanks and Vessels

## Case History

*A steel mill needed to remove iron oxide and water hardness deposits from the water jackets on a blast furnace.*

**EAGLE** was contracted to chemically clean two water jackets on the steel mill's blast furnace which had become fouled with iron oxides and water hardness deposits. Due to the number of inlets and outlets, pre-job planning to achieve proper flow patterns and velocities was crucial.



Through pre-job planning and scale analysis, **EAGLE** came up with a process and procedure to execute the project safely and efficiently using a mixture of wetting agents and organic acids to remove the scale. Once the project started, **EAGLE** executed reverse flows every half hour and monitored the temperature at all ports with a heat gun to insure that all loops were circulating evenly and used an explosion-proof, waterproof rheostat control to adjust flow rates and pressures on its self-contained pumping unit as needed to achieve proper flow rates. **EAGLE** then used analytical testing to determine when the systems were free of fouling.

Because of the efficiency of **EAGLE's** system, this project was completed more quickly than originally estimated. The client was pleased with **EAGLE's** professionalism and the timely completion of the project.



**EAGLE SERVICES CORP** provides industrial / environmental clean up services, 24 / 7 / 365, to process industries in the Midwest and planned clean up services from coast to coast.

The following are examples of services we provide and industries we serve.

### Service Lines

- ✎ Bio Hazard Decontamination
- ✎ Centrifuging
- ✎ Chemical Cleaning
- ✎ Concrete Scarification
- ✎ Daylighting/Hydroexcavating
- ✎ Drum Management
- ✎ Dry Ice Blasting
- ✎ Filter Pressing
- ✎ Lab Packs
- ✎ Light Bulb Management
- ✎ Mold Abatement
- ✎ Pumping / Dewatering
- ✎ Runway Stripping
- ✎ Special Waste Hauling
- ✎ Spill Response
- ✎ Sewer Cleaning
- ✎ Vacuum Dry / Wet
- ✎ Video Inspection
- ✎ Waterblasting
- ✎ Water Cutting } 10,000 - 40,000 psi

### Industries Served

- ✎ Agribusiness
- ✎ Automotive
- ✎ Chemical Processing
- ✎ Environmental / Response Contractors
- ✎ Food Processing
- ✎ Government
- ✎ Industrial Gas
- ✎ Manufacturing
- ✎ Municipalities
- ✎ Natural Gas
- ✎ Personal Care Products
- ✎ Petroleum Refineries
- ✎ Pharmaceuticals
- ✎ Pipe Lines
- ✎ Plastics Processing
- ✎ Power Generation
- ✎ Pulp and Paper
- ✎ Rail
- ✎ Resins
- ✎ Steel Mills / Metals
- ✎ Transportation
- ✎ Water Treatment