



With over 400 years of combined reliable management experience, Eagle Services offers industrial cleaning, environmental cleaning, and industrial maintenance projects for customers in a wide variety of industries.



CHEMICAL RECIRCULATION TO REMOVE IRON OXIDES & HARD WATER DEPOSITS

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

Eagle Services 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 Services 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 Services executed reverse flows every half-hour and monitored the temperature at all ports with a heat gun to ensure that all loops were circulating evenly. We 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 Services then used analytical testing to determine when the systems were free of fouling.

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

WHAT WE CLEAN:

- Combustible Dust
- Condensers
- Drains and Troughs
- Dryers
- Evaporators
- Heat Exchangers
- Fans
- Fin Fan Air Coolers
- Food Grade Process Equipment
- HVAC Equipment
- Industrial Ovens
- Pumps & Other Machinery
- Paint Booths
- Pits, Ponds, & Lagoons
- Process Piping
- Rail Cars
- Reactors
- Sewers & Drain Lines
- Silos
- Tanks & Vessels

EXAMPLES OF SERVICES WE PROVIDE:

-  Biohazard Contamination
-  Chemical Cleaning
-  Concrete Scarification
-  Hydroexcavating
-  Dry Ice Blasting
-  Filter Pressing
-  Mold Abatement
-  Paint Prep
-  Pipeline Cleaning
-  Pumping / Dewatering
-  Runway Stripping
-  Sewer Cleaning
-  Special Waste Hauling
-  Spill Response
-  Sewer Cleaning
-  Vacuum Dry / Wet
-  Video Inspection
-  Waterblasting
(10,000 - 40,000 psi)
-  Water Cutting
(10,000 - 40,000 psi)

EXAMPLES OF INDUSTRIES WE SERVE:

-  Agribusiness
-  Automotive
-  Biodiesel Refineries
-  Chemical Processing
-  Environmental / Response Contractors
-  Ethanol Refineries
-  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 / Metal Processing
-  Transportation Terminals
-  Water Treatment

WE PROVIDE INDUSTRIAL AND ENVIRONMENTAL CLEAN UP SERVICES 24/7/365 TO PROCESS INDUSTRIES IN THE MIDWEST AND PLANNED CLEAN UP SERVICES FROM COAST TO COAST.



Contact us to learn more information about how our waterblasting and industrial cleaning services can help you maintain equipment and improve efficiency in your facility.

(219) 763-1111

EAGLESERVICES.COM