



Expert thermal
process energy
management

Project:

Custom Cooling Tower System for
Tube Mills

Client: Wheatland Tube Blytheville

Year: 2023







Solution: Custom Cooling Tower
System with Heat Exchanger Skid



Features:

- Six fiberglass cooling towers (150-ton each) with aluminum ladders and Stainless Steel internal hardware and framing
- One 6700-gallon stainless steel tower tank mounted on a steel square tube support
- Four 25 HP tower pumps (one backup) and a 50 HP process pump, all controlled by VFDs for optimal performance
- One 3 HP dedicated filter pump and one 50 hp back-up pumps with isolation valves
- Plate and frame heat exchanger with sediment filtration
- Chemical treatment system
- Basket strainer
- Side-stream filtration system
- Training of onsite staff
- Freight to site

Highlights:

-  Custom Engineered
-  Factory Tested
-  Touch Screen HMI
-  Start-up
-  Installation
-  PLC controls

Supply of custom-designed cooling tower system for a galvanized conduit pipes manufacturer. Scope of work included: Six fiberglass cooling towers (150-ton each) with aluminum ladders and Stainless Steel internal hardware and framing, One 6700-gallon stainless steel tower tank mounted on a steel square tube support, four 25 HP tower pumps (one backup) and a 50 HP process pump, all controlled by VFDs for optimal performance, one 3 HP dedicated filter pump and one 50 hp back-up pumps with isolation valves, plate and frame heat exchanger with sediment filtration, chemical treatment system, basket strainer, and side-stream filtration system, centralized PLC System, Touch Screen HMI, factory-tested, installation, start-up, training, Freight to site.

Call or visit: 1 416-755-2221
www.berg-group.com