

Project:

Centralized Cooling System

Client: Trans Atlantic Preforms

Year: 2024





Solution: Supply of Evaporative
Clean Water-Cooling Tower
System



Features:

- Chilled Insulated Stainless Steel Water Tank with VFD
- Clean Water Evaporative Tower Tank
- Clean Water Isolation Plate and Frame Heat Exchanger
- "Y" Strainer
- Fan VFD operated Cooling Tower
- Water Cooled Variable Speed Screw Chiller
- Temperature Control Unit
- Berg Chemical Treatment System
- 2-Way Diverting Valve And Controls For Low Temperature By-Pass
- Freight to Site

Highlights:

-  Custom Engineered
-  Water-cooled
-  PLC System
-  Touch Screen HM
-  Start-up

Supply of a centralized cooling system for a global polyethylene terephthalate (PET) preform manufacturing process. Scope of work included: Chilled Insulated Stainless Steel Water Tank with VFD, consists of four chiller pumps and two chiller water process pumps, Stainless Steel Clean Water Tower Tank with two tower pumps, one new chiller condenser pump, two process pumps, and a circulation pump, Clean Water Isolation Plate and Frame Heat Exchanger, "Y" Strainer, Cooling Tower with Fan VFD, Water Cooled Variable Speed Screw Chiller, Temperature Control Unit, Berg Chemical Treatment System, 2-Way Diverting Valve And Controls For Low Temperature By-Pass, Electrical Control Panel, Centralized PLC System, Touch Screen HMI, Freight to Site, Start-up.

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