

**Project:**  
Custom Cooling Tower with  
pump skid

**Client:** Spectra Aluminum  
**Year:** 2021

**Solution:** Custom Cooling  
Tower with capacity of 217TT  
for a new aluminum extrusion  
line



**Features:**

- One Cooling Tower with 217 ton capacity
- One Tower Pump skid for the cooling tower recirculation
- Control Panel to house a VFD for the Tower fan
- Set up Crane to hoist up the new cooling tower on the existing steel structure
- Provide roof opening for tower water supply and return
- Install new tower water pump and connect suction line
- Mount remote electrical panel within the mechanical room
- Interconnect Tower water pump discharge to the new cooling tower and run return pipe on the tank cold side
- Install anti-freeze line along the tower supply piping
- Install three-way valve on the along soft water line to introduce city water
- Training of onsite staff for proper operations of the new systems

**Highlights:**

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

Supply of custom Cooling Tower with capacity of 217 TT to assist with the cooling of a new aluminum extrusion line. Scope of supply included: One cooling tower, one centrifugal pump skid, Electrical Control Panel, and PLC system with touch screen HMI and Start up New Cooling tower system and New Berg package unit.