

Insulated / Heat Traced Dissolved Air Flotation Unit



Case Study Details

The Dissolved Air Flotation (DAF) unit was designed to be located outdoors and included both insulation, heat tracing, and enclosures to ensure that the wastewater treated would not freeze in the DAF. Due to its location in a refinery, all equipment was rated as CSA Class 1 Div. 2 within the rated area (with exception to the control panel, which was located outside of rated area).

In addition to controlling the DAF, H2Flow's PLC panel controls a modulated valve to flow out of a tank downstream from the DAF, flowmeters, and chemical dosing pumps.

Start-Up: March 2016

H2Flow Ref: Q-128-14