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Fulton Provides TCU For Pharmaceutical Manufacturer

This single fluid temperature control unit (TCU) was designed to provide -20°C to $+150^{\circ}\text{C}$ ethylene glycol to a Fortune 500 pharmaceutical manufacturer's process equipment in their overseas facility. The glycol is circulated using a Goulds double mechanical sealed pump complete with seal reservoir. Cooling is accomplished through direct bleed-in of the existing -20°C ethylene glycol loop. Indirect heating is provided through a shell & tube heat exchanger using steam as the heating utility. The skid was fully piped to include the safety valve, temperature transmitter, gauges, steam control valve, steam traps, vacuum breaker, air vent, isolation and bypass valves. All skid piping was built in accordance with the ASME B31.1 piping standards. The skid is controlled via the customer's existing control system. All electrical components supplied by Fulton meet the Class I Div. 2 electrical classification.

