

Local and remote monitoring of test chambers

APPLICATION C120

Type of Company: Chemical Plant

Location: Texas

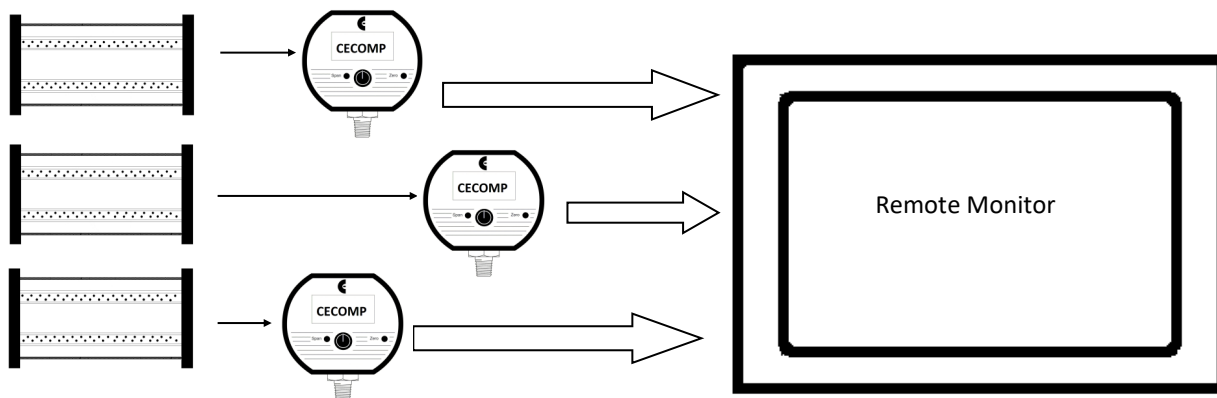
Styrene is used to manufacture pipes for many different applications. The manufacturer of the finished pipe must test the burst pressure of the pipe to verify the quality of their product. The burst pressure is tested in a small chamber where the pressure must be monitored and recorded for their QC files.



Photo by J.H. JanBen

The Engineering Issue

- The engineer is currently using an analog gauge for monitoring the test chamber but has a requirement that they increase the accuracy of their “burst tests” locally, add remote monitoring and plan for future automation.



Cecomp furnished the engineer “free” application assistance and he used a Cecomp F16DR pressure gauge with a digital display and a retransmission output. This unit allows him to locally monitor the pressure very accurately and remotely monitor the pressure. He will be able to change from just a remote monitor to a PLC in the future to fully automate his testing process.

Problem. Solved.