

Monitoring natural gas pressure in piping systems

APPLICATION C152

Type of Company: [Equipment Manufacturer](#)

Location: [Massachusetts](#)

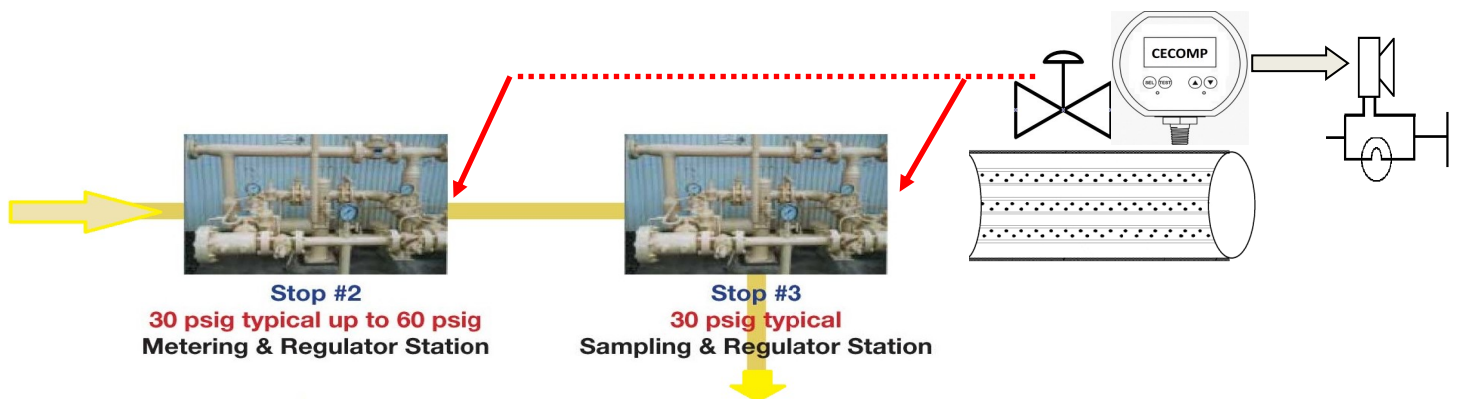
A portable pressure monitoring device is an instrument that is used to monitor natural gas pressure in a piping system while either corrective or preventative maintenance is performed on the pressure regulating valves. A pressure regulator's primary function is to match the flow of gas through the regulator to the demand for gas placed up-



Photo by Jon Clark

The Engineering Issue

- The engineer has a requirement for both a visual and an audible alarm to indicate any deviation from the operator-specified pressure levels in the pipeline system while performing the regulator maintenance.
- The regulator maintenance technician requires a digital readout of the pressure with the ability to enter alarm limits.



The engineer used a Cecomp F16ADA which can be powered by a 12VDC battery. The F16ADA has both a visual indication that can be scaled in operator-selected engineering units, and a relay output to power the audible alarm.

Problem. Solved.