

Application Guide

Gas Delivery Panel Power Industry

Overview

Swagelok can build a wide variety of gas delivery panels to meet your needs. Our engineers will work with you to size the regulators, hoses, and panels. We will satisfy your requirements for complete turnkey solutions.

Application

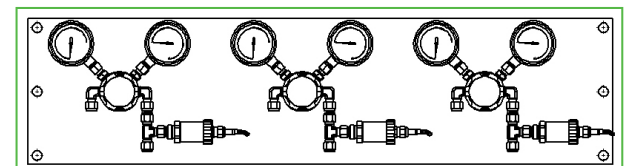
Continuous emission monitoring systems (CEMS) are used as a tool to monitor flue gas for oxygen, carbon monoxide and carbon dioxide to provide information for combustion control in industrial settings. The current CEMS transducer panel is located at a Florida power plant and is used to feed and regulate Nitrogen and NoX into CEMS analyzers.

Challenge

Many current setups are outdated and do not have the capability to remotely monitor gas pressure. Due to the critical nature of the system, short-term fixes have been implemented in lieu of a complete turn-key solution that is needed. The proposed solution will allow for quick installation to minimize CEMS downtime.

Solution

- All stainless steel components and connections for easy calibration, maintenance and reliability.
- Quick installation to replace existing panel eliminates system downtime.
- Automates checking the bottle pressure for gases using the Swagelok transducers.
- Remote monitoring capabilities reduce costs required to perform manual checks of gas pressure and allows early detection of system issues (i.e. leaks).



Want to learn more? Contact us today to find out how we can help.



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