

# BRINGING CERTAINTY TO AIR EMISSIONS MEASUREMENT



Stay Compliant - Even if Your Primary CEMS is Down

## ALTERNATE CONTINUOUS EMISSION MONITORING SYSTEMS

The Global Analyzer Systems (Global) Alternate Continuous Emission Monitoring System (CEMS) incorporates the Global CEMS package onto a movable platform.

The Alternate CEMS can be customized to monitor several pollutant types on a wide range of sources at varying lengths of time, from a few days to several months, depending on the customer's specific needs. The system is designed to be autonomous after installation and can be operated remotely to maximize efficiency and minimize labour costs. Global is on standby to remotely monitor all the CEMS diagnostics and is supplied with a daily systems update report.

# MULTIPLE CONFIGURATIONS. CUSTOM SOLUTIONS.



✓ The Alternate CEMS can be configured to continuously measure common emission data such as CO, CO<sub>2</sub>, NO, NO<sub>2</sub>, NO<sub>x</sub>, SO<sub>2</sub>, THC, TRS, and O<sub>2</sub>. Emission data can be easily accessed in real-time remotely.

## APPLICATIONS

- ✓ **Emergency Backup CEMS**  
The Alternate CEMS can be deployed quickly to meet the maintenance needs of the CEMS code system availability requirements.
- ✓ **Sulphur Recovery Unit (SRU) Optimization and Fuel Gas Reduction Programs**  
The Alternate CEMS can be configured to continuously monitor Total Reduced Sulphur (TRS) and O<sub>2</sub> to aid in SRU optimization, and SRU fuel gas usage reduction programs.
- ✓ **Predictive Emission Monitoring Systems (PEMS)**  
The Alternate CEMS can be deployed to collect emission and process data to develop a PEMS model, and can be used to validate the facility PEMS as per US EPA PS-16.
- ✓ **Process Equipment Performance Testing**  
Temporary installation of the Alternate CEMS allows process engineers the ability to collect emission data over several days and months, in order to determine best operating practices for their facilities.



## ABOUT GLOBAL ANALYZER SYSTEMS

Founded in 1996, Global Analyzer Systems Ltd. is a leader in the emissions monitoring industry. We ensure safe and sustainable air by bringing certainty to emissions measurement. We provide a full complement of specialized and customized CEMS solutions and are committed to keeping industry compliant with regulations.