YOKOGAWA
Co-innovating tomorrow™

Compliance Without Complexity

Meet emissions requirements while reducing maintenance, improving reliability and controlling lifecycle costs.



Continuous Emissions Monitoring System (CEMS)

Environmental compliance is mandatory. Achieving it shouldn't mean accepting unnecessary system complexity, maintenance burden or downtime risk.

Yokogawa's CEMS combines proven analyzer technology with a pre-engineered cabinet design to simplify deployment, improve reliability and reduce total cost of ownership. Designed for 40 CFR Parts 60 and 75 compliance, the system provides the emissions measurements you need while helping keep operation and maintenance manageable.

Why Yokogawa CEMS?

- **Simpler Architecture**
  One IR800G measures O_2, CO, CO_2, SO_2 and NOx.
- **Less Maintenance**
  Zero-drift compensation, automatic calibration and liquid protection reduce routine intervention.
- **Greater Uptime**
  Fewer maintenance interventions help reduce the risk of CEMS downtime.
- **Lifecycle Support**
  Engineering, commissioning, compliance assistance, maintenance and training support the system throughout its life.

One Analyzer. Up to Five Gases.

At the heart of the system, Yokogawa's IR800G Gas Analyzer measures O_2, CO, CO_2, SO_2 and NOx, consolidating multiple measurements within a single analyzer and simplifying the overall CEMS architecture.



One IR800G Gas Analyzer measures O_2, CO, CO_2, SO_2 and NO_x

Technology That Delivers Operational Value

Measures up to 5 Gases
One analyzer simplifies the CEMS architecture

Long-Term Stability / Low-Drift Technology
Fewer recalibrations and maintenance interventions

Automatic Calibration
Less routine technician involvement

Built-In O_2 Correction
Simplifies emissions monitoring requirements

Liquid Alarm Sensor
Helps protect the analyzer from moisture-related problems

Support Throughout the CEMS Lifecycle

Front-End Engineering Support
Expert consultation and system planning services.

Analyzer System Design
Custom-engineered analyzer solutions designed for your application.

Startup & Commissioning
Professional system installation, verification, and validation.

Regulatory Compliance Assistance
Expertise for monitoring, reporting, and implementation.

Maintenance Services
Preventive maintenance, troubleshooting, and technical support.

Training Programs
Comprehensive operator and maintenance training for personnel.

Ready to simplify your emissions monitoring?
Talk with a Yokogawa CEMS specialist about your application.

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