



#### ANALYTICAL PRODUCTS AND SOLUTIONS

# Continuous Gas Analyzers (CGA) Installation Inspection, Start-up and Commissioning Services

Installation inspection, start-up, and commissioning services are available on all Siemens continuous gas analytical products and systems.

[usa.siemens.com/analyticalproducts](http://usa.siemens.com/analyticalproducts)

**SIEMENS**

## Installation Inspection and Start-up Services

With comprehensive expertise and dedication to meeting your schedule, our technicians will start up your Siemens products and systems with full inspections, and conduct verification and functional testing of your system.

Services provided in our installation inspection and start-up packages include:

- Inspecting site and mechanical installation
- Confirming proper electrical and signal wiring for correct termination
- Powering up system and verifying product and system condition
- Testing the functionality of all system components for proper operation in accordance with manufacturer specifications
- Verifying application with site personnel and running calibration standards to ensure proper operations and compliance with design specifications
- Inspecting all sample lines for proper installation in accordance with installation specifications
- Verifying communication to external devices
- Hands on "on the job" training provided during system start-up phase



**Published by**  
**Siemens Industry, Inc.**

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Subject to change without prior notice  
Order No.: PIAFL-00050-0521  
Printed in USA  
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## Commissioning

After your system has been through our comprehensive start-up phase, it is now ready for commissioning. Our commissioning services are designed to protect your system and its applications, while ensuring your product and system components are performing as designed.

This process includes the following:

- Ensuring all sample systems and cabinets are running at designed temperatures
- Introducing sample from process to sample conditioning system
- Leak checking all sample lines and sample conditioning system
- Checking sample conditioning for functionality of proper sample phase, flow, and pressure
- Obtaining a lab sample from operations, before introducing process sample to analyzers, to ensure the application is not damaged from out of spec product that would contaminate the application
- Running several process samples and continuing to monitor all system components for proper operation
- Providing calibration/performance certificates



Siemens factory trained specialists complete the installation inspection and ensure successful start-up, keeping the project on schedule.

Their training and skills save valuable time and help provide a smoother installation. That means time and money can be saved as well as equipment operating at peak efficiency.

### For more information, please contact:

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