



SureService® Startup and Commissioning Service

Ensure a seamless gas chromatograph startup with our standard Startup and Commissioning Service module. A typical startup and commissioning service call consists of the following procedures:

- Verify point-to-point wiring of major components
- Verify point-to-point process tubing connections
- Verify that vent lines are installed properly
- Set pressure regulators
- Completely purge liquids from the system
- Verify that the correct application is installed in the controller
- Configure any site-specific parameters
- Check voltages for proper reading
- Verify that the correct application is installed in the controller
- Verify proper temperature control
- Balance pre-amplifier
- Set proper flow rates through system
- Run calibration and repeatability checks using calibration gas
- Verify peaks and timed events are properly set
- Apply stream gas and verify proper analysis
- Make any needed adjustments
- Provide informal technician and operator training
- Provide customer with copies of updated configuration reports, chromatograms, and onsite checklist

The Standard Startup and Commissioning Service module can be customized to fit your specific needs. Custom Startup and Commissioning Service contracts are available at special rates. Contact your account representative for additional information.

Pre-startup Site Preparation

Customers can significantly reduce the time required for startup and commissioning of a gas chromatograph by completing several simple tasks before having a field service engineer onsite. Prior to startup, customers should complete the following:

- Ensure all major system components are available
- Secure and mount the gas chromatograph and (if applicable) controller
- Connect all wiring with proper voltages and supply power to both the gas chromatograph and controller (leave all units de-energized until startup)
- Ensure that all required gases are available — including carrier, calibration, and stream gas — and that they are piped and plumbed
- Ensure line is pressurized and under flowing conditions
- Ensure required customer personnel are available

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