# steam boiler operator training

## Spirax Sarco, Inc invites you to attend this 5 day seminar

**Date:** December 3-7, 2012  (RSVP 11/12/2012)

**Time:** 8:00 AM - 5:00 PM

**Instructor:** Carroll Hooper, P.E., C.E.M.

**Cost:** $1,525.00 Purchase order or payment required at the time of enrollment. PO, checks and credit cards are acceptable (Exam, Licensing, and Handbook included)

**Location:** Spirax Sarco, Inc.
1150 Northpoint Blvd
Blythewood, SC 29016

### Who should attend?

This course is for Steam Plant Operations, Steam Plant Maintenance Personnel; Steam Plant Supervisors/Managers, Facility Operations/Maintenance Personnel, and anyone associated with energy conversion.

### Overview

Steam Boiler Operation — Course CDI 410 - is a 5-day course providing information on virtually all facets of steam boiler operation, maintenance, and troubleshooting. Common boiler auxiliaries and operating techniques are covered in detail. Safety and efficiency of operation are stressed. Information is included on modern boiler water treatment techniques, construction and repair methods, waste heat recovery, controls, fuels, and draft. The training manual includes the latest information on instrumentation and PLC controls systems, variable-frequency drives (VFD's), steam system optimization, reverse osmosis systems, low-$NO_x$ burners, and boiler start-up and shown procedures.

On Friday, December 7, 2012, the American Society of Power Engineers (ASOPE) Region 4 will provide Entry Level 3rd class thru Chief Engineering Level testing for those who qualify.

### Topics

- Boiler Theory Principles
- Boiler Construction and Design
- Steam System Controls
- Water Supply Systems and Controls
- Water Treatment Systems and Controls
- Fuel Systems and Controls
- Draft and Flue Gas Systems and Controls
- Instrumentation and Control Systems
- Boiler Operation and Maintenance
- Boiler System Optimization



**Register Online Now**

To register by phone or email, contact:

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**spirax sarco**

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