



2012 Training Solutions from the Leaders in Steam

First for Steam Solutions

EXPERTISE | SOLUTIONS | SUSTAINABILITY

spirax
sarco

supporting education

Knowledge and understanding are the keys to cost effective processing and energy conservation.

Providing citizens and businesses worldwide with sustainable energy while addressing climate changes is the most urgent environmental issue our society faces. Throughout our history, Spirax Sarco has provided unrivaled knowledge and training to help steam users worldwide use boiler fuel more efficiently with lower emissions and reduced energy consumption. With the increasing threat to the environment, this approach is more relevant today than ever before. Reducing your company's impact on the environment and carbon footprint through training is our goal. This training program was developed to provide a variety of course options for you to create a training plan that best fits your needs.

For those new to steam, or anyone in need of a refresher on steam basics, we offer the steam fundamentals course (STM-100). This class provides the basic knowledge of steam systems. Upon completion of STM-100, we offer industry-focused courses specializing in food and beverage, oil petrochemical, fine and domestic chemicals, and institutions/public buildings to name a few. Furthermore, custom designed training classes are available. Please contact Rebecca Majeski, at rmajeski@spirax.com or visit us on the web at www.spiraxsarco.com/us for more details.

With Spirax Sarco training, the savings to both your bottom line and the environment are just waiting to be realized. We look forward to seeing you at one of our four world-class training centers.



Program Highlights

Generation:

- Live steam boiler
- Water treatment equipment
- Advanced level control systems
- Boiler feed water system

Distribution:

- Distribution piping
- Steam metering
- Steam conditioning station
- Pressure reducing stations

Utilization:

- Heat transfer technologies
 - Shell and tube
 - Plate and frame
 - Clean steam generator
 - Glass heat exchanger demonstration
- PID control demonstrations and tuning
- Glass steam traps

Recovery:

- Condensate pumps within glass enclosures
- Condensate recovery from heat exchangers and other equipment
- Cost savings from condensate recovery

Training Classes Include:

- A full day of intensive and focused training at one of our four training centers
- Steam optimization
- Instruction given by our dedicated steam system experts
- Safety
- A combination of classroom and lab time
- A balance of lecture, example problems, cut-away samples, and live demonstrations
- Reference material supporting the course syllabus

Additional Information

Enrollment Procedures

Complete the form on the back cover indicating which facility you wish to attend. Fax or email your form to that facility. If you prefer, you may register online at www.spiraxsarco.com/us. You will receive confirmation of your registration. Please send your payment to the training center you will be attending. If paying by check, please make your checks payable to Spirax Sarco, Inc. Credit Cards are accepted as well as purchase orders.

Administration

Course fees must be paid two weeks in advance of scheduled seminar date. Fees include seminar, literature and lunch. Cancellations for standard STM courses will be allowed up to one week prior to the seminar, after which, course fee is nonrefundable. Substitutions are welcome.

Classes

Classes start at 8:30am and are usually over by 4:30pm.

Transportation

Attendees are responsible for their own transportation.

Tobacco Policy

Spirax Sarco, Inc. facilities are 100% tobacco free. Use of tobacco products on the premises is prohibited.

Meals

Lunch and refreshments are provided as part of the training sessions.

What to Wear

Long pants and closed toe shoes are required.

Hotel Accommodations

Hotel accommodations are the responsibility of the attendee. The Confirmation Packet, which you will receive after registering, contains a list of local hotels as well as directions to our facility. Seminar attendees requiring overnight accommodations should make arrangements accordingly.

On-site and Custom Training

Spirax Sarco offers custom training at a Spirax Sarco training facility or your facility. Please contact the appropriate training facility for pricing and questions regarding custom training.



After 45 years in the workforce, I have been to many training classes and seminars. Spirax Sarco has the most qualified instructors and delivers the most usable information of any company I have received training from.

—Darrel Adams, Northwestern, Inc.

Here is a small selection of organizations that continue to use the Spirax Sarco's top-class training services:

- Alfa Laval
- American Stainless & Supply
- BF Goodrich
- BP
- Bristol Myers Squibb
- Cargill Animal Nutrition
- Christiana Health Care
- Cleveland Clinic
- ConAgra
- Ecolab
- Evonik Degussa
- Exxon Mobil
- DAK Americas
- Diosynth RTP, Inc
- Duke University
- E I Dupont
- Eastman SC
- Eastman Chemical
- Emory University
- EMS - Chemie North America
- Getinge
- Gold Kist
- International Paper
- Kimberly Clark
- McKee Foods
- Merck
- Michelin
- MillersCoors
- MIT
- Miura North America
- Nalco
- Penn State University
- Pepsico
- Proctor & Gamble
- Sanofi Pasteur
- Stepan Company
- Talecris Biotherapeutics
- The Hershey Company
- University of Louisville
- University of Virginia
- Westinghouse
- Wyeth

you're in good company

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Class Registration Form



Yes! I would like to register for the following courses . . .

Course No.(s): _____ Date(s): _____

Course Title(s): _____

Training Center Location: _____

Attendee(s) Name(s): _____ Position/Title: _____

1. _____
2. _____
3. _____
4. _____

Company: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____ Email: _____

Payment Must be Made in Full 2 Weeks in Advance of Scheduled Seminar

Credit card Card Type: _____

Credit Card Registered Address [Name, Street Address, City, State, Zip]: _____

Phone Number Registered to Credit Card _____

Card Number: _____ Cv# [3-digit # on back of card] _____ Exp. Date: _____

Name As It Appears on Card: _____ Amount Charged To Card: \$ _____

Purchase Order #: _____ Company Check: _____ Personal Check: _____

Referred By: _____ Company: _____

Complete this registration form. Send it via email by clicking on the location below or fax it to your nearest training center. You will receive confirmation of bookings.

World Class Training Centers

- | | | | | |
|--|--|--|---|--|
| <p>Los Angeles, CA
8141 E. Kaiser Blvd.
Anaheim Hills, CA 92808
Phone: 800-883-4411
Fax: 714-940-0183
Shannon Weber
email: sweber@spirax.com</p> | <p>Chicago, IL
1500 Eisenhower Lane
Suite 600
Lisle, IL 60532
Phone: 630-493-4525
Laura Morales
email: lmorales@spirax.com</p> | <p>Houston, TX
203 Georgia Avenue
Deer Park, TX 77536
Phone: 281-478-4002
Fax: 281-478-4615
Shirley Fontenot
email: sfontenot@spirax.com</p> | <p>Allentown, PA
4647 Saucon Creek Road
Suite 102
Center Valley, PA 18034
Phone: 800-251-7676
Fax: 800-996-3232
Angie Funk
email: patraining@spirax.com</p> | <p>Columbia, SC
1150 Northpoint Blvd
Blythewood, SC 29016
Phone: 803-714-2021
Fax: 803-714-2220
Rebecca Majeski
email: rmajeski@spirax.com</p> |
|--|--|--|---|--|

For additional information call the appropriate Training Center or visit our web site at www.spiraxsarco.com/us

For Internal Purposes Only: Confirmation Letter Sent: _____ Date: _____

First for Steam Solutions

spiraxsarco.com/us

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Spirax Sarco Training Course Schedule

January 2012 - December 2012

Visit
www.spiraxsarco.com/us/training
 for course descriptions and registration!

Skills	Course #	Course Title	Cost	Location	January	February	March	April	May	June	July	August	September	October	November	December
Fundamentals	STM100	Fundamentals of Steam Utilization	\$300	Allentown	10th	8th		11th		6th			12th		7th	
				Chicago		15th	21st	18th	23rd			15th	19th	17th	14th	
				Columbia	24th	21st	20th	24th	17th			14th	19th	16th	13th	
				Houston	11th	15th	6th	18th	9th	12th	19th	14th	12th	18th	14th	
				Los Angeles		14th		11th	15th					16th		
	STM301	Heat Transfer Fundamentals	\$350	Columbia				25th								
				Chicago									18th			
Installation and Maintenance	STM201M	Steam Traps and Condensate Pumps	\$350	Allentown	18th		15th		16th	7th			13th		8th	
	STM202M	Pressure and Temperature Control Systems	\$350	Allentown	19th		21st		23rd				19th		14th	
	STM203M	EasiHeat Maintenance	\$350	Allentown				25th								12th
Engineering and Design	STM200E	Steam System Design	\$350	Allentown				18th						10th		
				Chicago			22nd					16th				
				Columbia	25th					20th				20th		
				Los Angeles			20th & 21st				24th & 25th					
	STM201E	Steam Traps and Condensate Recovery	\$350	Allentown			7th									
				Columbia	22nd											
	STM202E	Pressure and Temperature Control	\$350	Allentown		22nd								17th		
				Columbia			21st									
	STM204E	Metering and Industrial Fluids	\$350	Allentown							13th					15th
				Chicago						24th				20th		
STM903	Clean Steam Utilization	\$350	Allentown													5th
			Columbia								27th					
STM904	Steam Utilization in the Hospital Industry	\$350	Allentown							20th						
			Los Angeles		8th					5th			12th			
STM905	Steam & Condensate Energy Savings	\$350	Los Angeles			22nd					26th			9th		
STM906	Steam Utilization in the Food & Beverage Industry	\$350	Los Angeles						16th						6th	

Dates are subject to change.

For more information visit us on the web at www.spiraxsarco.com/us/training

World Class Training Centers

Columbia

1150 Northpoint Blvd.
Blythewood, SC 29016
Phone: 803-714-2021
Fax: 803-714-2220
Rebecca Majeski
email: rmajeski@spirax.com

Houston

203 Georgia Avenue
Deer Park, TX 77536
Phone: 281-478-4002
Fax: 281-478-4615
Shirley Fontenot
email: sfontenot@spirax.com

Los Angeles

8141 E. Kaiser Blvd, Suite 311
Anaheim Hills, CA 92808
Phone: 800-883-4411
Fax: 714-940-0183
Shannon Weber
email: sweber@spirax.com

Chicago

1500 Eisenhower Lane
Suite 600
Lisle, IL 60532
Phone: 630-493-4525
Laura Morales
email: lmorales@spirax.com

Allentown

4647 Saucon Creek Road
Suite 102
Center Valley, PA 18034
Phone: 800-251-7676
Fax: 800-996-3232
Angie Funk
email: patraining@spirax.com

Our training teams are acknowledged experts in steam system applications. We believe in sharing this knowledge to benefit you and your business.

SPIRAX SARCO, INC.
1150 NORTHPOINT BLVD.
BLYTHEWOOD, SC 29016
t: 800.883.4411
or: 803.714.2000
f: 803.714.2220
www.spiraxsarco.com/us

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/sarco