



Spirax Sarco Egypt L.L.C



2019

Training Courses

First for Steam Solutions

EXPERTISE | SOLUTIONS | SUSTAINABILITY

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Our Training Course portfolio

Our courses are structured by category as follows:



FUNDAMENTALS OF STEAM UTILIZATION.

For those needing the underpinning knowledge and introduction to steam and boilers.



STEAM CONTROL AND MONITORING.

Good understanding of the purpose and operation of steam & condensate systems and factors affecting their performance and plant output.



BOILER HOUSE - for Operators.

Covering all aspects of the boiler house, safety and efficiency from fundamental level.



ON SITE

We can deliver this course at your site.



Spirax Sarco Egypt

Quite simply, "...When the question is Steam", Spirax Sarco Egypt is here and ready to help !

Our Head Office

19 Farid St., From Ouroba St., Heliopolis

Our Alexandria Branch

30 Ferdous Building, Pharmacists Towers, Store No. 3B, Smouha

Our Warehouse

Km 42 Cairo Ismailia Rd. , Talaa City

Our Training Center

19 Farid St., From Ouroba St., Heliopolis



FUNDAMENTALS OF STEAM UTILIZATION.

WHO IS IT FOR?

For those needing the underpinning knowledge and introduction to steam and boilers.

WHAT IS IT ABOUT?

This course provides a broad understanding of the purpose and safe operational requirements of steam and condensate systems and factors affecting their performance and plant output.

COURSE OBJECTIVES

- Understand the fundamentals of steam and its uses
- Distribution of steam
- Understand why condensate is formed, how and why it is removed and its value
- Know the major components of a steam and condensate system
- Condensate Removal & Recovery
- Heat Transfer & Heat Recovery Systems
- Basic Controls
- Understand the importance and relevance of correct pipe sizing
- Identify best practice in steam installation





STEAM CONTROL AND MONITORING.

WHO IS IT FOR?

Mechanical Engineers, Plant Engineers, Project Engineers , Electrical Engineers & Energy Managers with specific responsibilities towards steam savings

WHAT IS IT ABOUT?

Provide participants with basic concepts Of basic instrumentation, information for selection, Sizing and specification of Control, safety valves and flow meters.

COURSE OBJECTIVES

- Fundamentals of Steam
- Types of Control Valves
- Boiler Blowdown and TDS control
- Level Controls and Alarms
- Pressure Reducing Stations
- Safety Valves
- Flowmeters





BOILER HOUSE - for Operators.

WHO IS IT FOR?

Anyone involved in the planning or upgrading of a boiler and those responsible for the day to day running of steam boilers – large and small. It is also relevant for those needing an overview of how a boiler works

WHAT IS IT ABOUT?

This course provides an understanding of the wet side of the boiler and outline trends in the management and control of boiler plant in order to achieve high levels of efficiency and safety with smooth operation.

COURSE OBJECTIVES

- Understand the fundamentals of steam and its uses.
- Introduction to the Boiler House.
- Types of Boilers.
- Boiler Fitting.
- Distribution of steam.
- Boiler Blowdown and TDS control.
- Level Controls and Alarms.
- Boiler Efficiency.





STEAM NETWORK - for Operators.

WHO IS IT FOR?

Steam network operators,

WHAT IS IT ABOUT?

To provide specialized knowledge of current practices in Steam & Condensate Systems that go into designing a new system. Putting together a project that covers the Steam & Condensate Loop and also factors to be considered so as to make the design energy efficient.

COURSE OBJECTIVES

- Fundamentals of Steam
- Pipe Sizing & Steam Distribution
- Understand the need for different steam traps and air vents
- Understand the different methods of steam trap checking and their advantages and disadvantages
- Trap monitoring: Spiratec and STAPS Wireless
- Pipe Sizing of Condensate Lines
- Pressure & Temperature Control Valve Sizing
- Flash Steam Recovery & Condensate Pumps





Spirax Sarco Egypt L.L.C

19 Farid St., Orouba St., Heliopolis
Cairo, Egypt.

T : (+202) 24174491 - (+202) 22904490

F : (+202) 24174492

Cell : (+2012) 273 331 034

E : training@eg.spiraxsarco.com