

DESIGN OF STEAM AND CONDENSATE SYSTEM COURSE 2020



FULFILLING THE NEEDS FOR PROPER STEAM SYSTEM DESIGN

spirax
sarco
First for Steam Solutions





Providing the skill you need to stay ahead

Using the latest technology for maximizing efficiency , safety and minimizing wastages

The Course will provide the necessary skills and knowledge to design an efficient reli-able steam system design. Optimising the use of energy efficiently and with recovery and minimum wastages.

Delegates will be exposed to the latest and common methods practice worldwide by virtue of our global coverage in almost all steam using industries. We will from our experiences in other countries.

Comprehensive coverage with full topics

Basic Steam Engineering

Delegates will learn all essentials steam properties and attributes that makes it still the best choice for heating fluids. Pressure and temperature relationships that makes steam unique compare to other fluids and condensation process that deliver the highest amount of heat in an instant.

Steam Distribution

An essential part of any steam system. Delegates will learn how to select and size steam. Design a proper layout that provide water hammer free making the system safe and efficient. We will also look at the Pressure and temperature control systems available.

Steam Utilisation

This where we will look at typical applications such as heat exchangers, tank heating, steam turbine and steam trappings

Condensate Management

Energy is so precious nowadays that is is necessary for us to design a system that produce minimum wastages. Proper condensate system will not only reduces wastages but also reduces CO2 emission for our environmental sake.

WHAT YOU WILL LEARN

- Understand the properties of steam and why it is used
- Calculate the steam demand for different types of steam plant
- .Understand the requirements of steam distribution system
- Understand the need for different steam traps and air vents
- Explain the requirement to remove and recover condensate
- Understand the need for pressure reduction and the different types available
- Realize the importance of flash steam recovery
- Explain how safety valves are set, lift and leak
- Able to size steam and condensate piping, steam traps, pumps, control valves etc.

TRAINING FACILITY

Our specially dedicated steam technology center will provide participants with practical hands on experience on products functions with live steam. With transparent steam traps will allow you to understand the working mechanism for each type of traps.

TRAINING MATERIAL

Each participant will receive our world famous Steam and Condensate Loop book containing complete information on steam and condensate system design. Lecture notes, slides and brochures are also available in a USB drive.

THE TRAINER

The trainer, Mr. Che Mohd Roslan, is a highly qualified steam expert. He has been with Spirax Sarco for over 29 years, with experience in all steam using industries such Food & Beverages, Palm Oil, Oil & Petrochemical, timber, rubber etc. He has conducted many public lectures over the years, and participated in programs pro-



WHO SHOULD ATTEND

Facility engineers, Steam Plant Designers & Engineers, Consultants, Supervisors, Mechanical maintenance engineers, Process Engineers, Project and Site Engineers and whoever involve in designing, running and maintaining steam system.

TRAINING WITH SPIRAX SARCO

This training course is approved by HRDF under their SBL KHAS scheme which means it is 100% claimable if you are their contributor.

Our training courses offer a unique opportunity to learn with the leading experts in steam technology. We are known for our quality products and knowledgeable approach, but it's our people who make us different. They have an unparalleled understanding of the application of steam across a wide range of industries which enables us to ensure our courses

- Expert Trainers
- Maximise steam system efficiency.
- Increase Steam System Safety
- Optimise Performance.
- Highly reputable company



REGISTRATION FORM

COURSE: **DESIGN OF STEAM AND CONDENSATE SERVICES**

FEE: **RM 1600.00**

VENUE: **SPIRAX STEAM TECHNOLOGY CENTER, GLENMARIE SHAH ALAM**

DATES: PLEASE TICK ONE

20TH & 21ST JANUARY 2020

30TH & 31ST MARCH 2020

15TH & 16TH JUNE 2020

24TH & 25TH AUGUST 2020

26TH & 27TH OCTOBER 2020

PARTICIPANT NAME:

1. EMAIL:

2. EMAIL:

3. EMAIL:

4. EMAIL:

CONTACT PERSON:

POSITION: **EMAIL:**

COMPANY:

ADDRESS:

CONTACT NO:

COMPANY STAMP

MODE OF PAYMENT: DIRECT TRANSFER OR CHECK

BANK DETAILS:

ACCOUNT NAME: SPIRAX-SARCO SDN BHD

BANK NAME: OCBC AL-AMIN BANK BERHAD

ACCOUNT NO.: 108-102859-6

NOTE: PAYMENT TERM IS C.O.D AND MUST BE MADE BEFORE OR ON THE TRAINING DATE