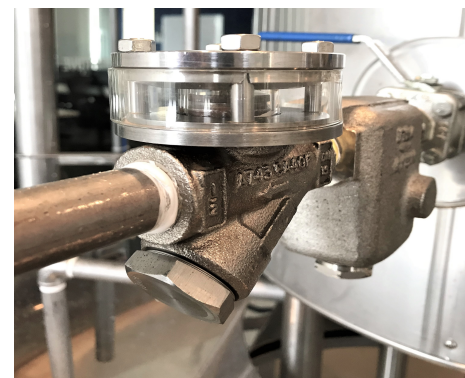


# Steam Plant Maintenance Course 2019

Providing the skills you need  
for a proper steam system  
maintenance



A Comprehensive Course for all personnel involved in  
Steam Plant Maintenance.  
Fully HRDF Claimable under SBL Khas Scheme



# Providing The Skill You Needs For Steam System Maintenance

We are focused on helping our customers to improve and maintain process efficiency, increase production output and achieve energy savings and we know the importance of steam system maintenance in achieving this this.

## Steam Generation

- \* Types of Boiler
- \* Feedwater Conditioning
- \* Deaerator Control
- \* Steam Basic properties
- \* How Steam Works
- \* Typical Applications



## Steam Traps

- Why need steam traps
- Types of steam trap
- How it functions
- How to monitor and check steam traps
- Typical maintenance

## Steam Distribution



Type of Pressure Reducing Valves

How it functions

Typical periodic maintenance required

Hands on assembling the Pressure Reducing Valve

Pneumatic Actuated Control valve introduction

Hands on Positioner calibration

## Condensate Management

Why it is important to recover condensate

Types of Condensate Pumps available

Live Demo on pump rig

Automatic Pump Trap introduction



## Course Objective

By the end of the two day course, the participant will be able to:

- ◆ Understand the fundamental of steam system
- ◆ Demonstrate good installation practices
- ◆ Demonstrate fault finding through practical exercise
- ◆ Know how to maintain steam traps, Pressure regulators, condensate pumps and air vents
- ◆ Understand the different methods of steam trap checking and their advantages and disadvantages
- ◆ Explain how safety valves are set, lift and leak

## WHO SHOULD ATTEND

Designers, plant engineers, foreman, supervisors, technicians, fitters and those responsible for the operation, maintenance of steam and condensate services.

## THE TRAINER

The trainer, Mr. Che Mohd Roslan, is a highly qualified steam expert. He has been with Spirax Sarco for over 28 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 promoting energy efficiency. This guarantees you an unrivalled level of training quality.

## THE FACILITY

Our two-day course will use a combination of classroom lectures and live steam demonstrations.

- ◆ It will provide a practical experience for a more effective way to learn how steam works.
- ◆ Training with live steam has proven to be a more productive learning experience versus sitting in a classroom working on computer simulations or equipment replicas.
- ◆ The participants will have the chance to individually explore the steam equipment and other essential fittings installed in our training room guided by Spirax Sarco steam experts.



# REGISTRATION FORM

COURSE: **STEAM PLANT MAINTENANCE COURSE**

FEE: **RM 1600.00**

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

DATES: PLEASE TICK ONE

25TH & 26TH FEBRUARY 2019

22ND & 23RD APRIL 2019

1ST & 2ND JULY 2019

23RD & 24TH SEPTEMBER 2019

25TH & 26TH NOVEMBER 2019

**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:

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

PLEASE EMAIL THE COMPLETED FORM TO

Training.My@my.SpiraxSarco.com Or Sales.My@my.SpiraxSarco.com