



Certificate in Boilerman (Including Latest Amendments to Boiler Regulations 2014)



Date: 23, 24, 25, 26 March, 2021

Time: 9.00 am - 5.00 pm

Venue: Palm Seremban Hotel

INTRODUCTION

The FMM Certificate in Boilerman is specially developed to upgrade the Theoretical and Operational Skills of the current workforce in handling Steam Boilers in various sectors. The Certificate programme will provide the knowledge to upgrade the skills of Boiler Supervisors, Operators, Assistants and Apprentice on matters relating to Operations, Mounting and Fittings, Inspections and Maintenance of Boilers at the workplace.



OBJECTIVES

This programme will:-

- Establish a level of sound theoretical and practical knowledge and skills pertaining to Boilers in order to efficiently manage and handle steam boilers towards better work performance
- Create opportunities for career development and advancement
- Prepare participants to sit for the Boilerman Examinations conducted by Jabatan Keselamatan dan Kesihatan Pekerjaan (JKKP/DOSH)

ENTRY REQUIREMENT

- Malaysian citizen, no less than 21 years of age
- At least 2 years of working experience as a Steam Engine or Steam Boiler Attendant (directly handling Boiler) or
- at least 3 years working experience as an Apprentice or Journeyman Fitter in a Steam Plant or Engineering Workshop (indirectly handling of a Boiler)

COURSE STRUCTURE

Contact days/hours : **4 days / 28 hours**

COURSE CONTENTS

Acts and Regulations Related to Boilers

- Factory & Machinery Act 1967 (Act 139)
- OSH Act 1994 (Act 514)

Types of Steam Boilers

- Fire and Water – Tube Boilers

Boiler Operations

- Start-Up, Shut-Down and Blow-Down Procedures

Essential Fitting and Mounting

- Various Essential Fittings and Mountings
- Functions of Each Essential Fittings/Mounting

Preparation for Mandatory Inspection

- Preparation and Assistance for Inspection

Types of Test Related to Boilers

- Hydrostatic Test, Steam Test and NDT Boiler Maintenance
- Preventive Maintenance – Fire and Water Sides, Fittings and Accessories

Boiler House / Room Requirements

- Log Sheets, Log Books and Responsibilities of Boilerman

Construction of Boilers

- Methods of Joints i.e. Welded
- Welding of Shell and Drums, Tube Plate to Shell, Tubes to Tube Plate and Fuel Gas Path

Water Treatment

- Internal & External Treatment and Various Test

Boiler Commissioning

Boiler Accessories

- Functions of the Various Boiler Accessories

Oral Revision

PARTICIPATION FEES

Members: RM 1,908 /participant

Non-Members: RM 2,544/ participant

(Fee inclusive of service tax at 6%)

SST No. : W10-1901-32000105

WHO SHOULD ATTEND

Steam Engine or Steam Boiler Attendant (directly handling boiler) and Apprentice or Journeyman Fitter in a Steam Plant or Engineering Workshop (Indirectly handling of Boiler)

REGISTRATION

Registration is on a **first-come-first-served** basis. Cheques made in favour of the "FMM Institute" should be forwarded one week before the commencement of the programme. Completed registration form, that is faxed, mailed or e-mailed to FMM Institute, would be deemed as confirmed. Certificate will be issued upon full payment.

REPLACEMENT / CANCELLATION

All cancellations must be made in writing. There will be no charge for cancellation received 10 or more working days before the start of the programme. Cancellation received 6 – 9 working days before the start of the programme is subject to a cancellation fee of 50% of the course fees. **Cancellation received 5 working days and below before the start of the programme is subject to a cancellation fee of 100% of the course fees.** If the participant fails to attend the programme, the full course fees are payable. However, replacement can be accepted at no additional cost. The FMM Institute reserves the right to change the facilitator, reschedule or cancel the programme and all efforts will be taken to inform participants of the changes.

For further enquiries kindly contact:

Haslinda : haslinda@fmm.org.my

Liza : aliza@fmm.org.my

Tel: 06-6031616 / 26 / 27

Closing Date
22 March, 2021

TRAINER

Mr Canaraj Ramamorthy holds a Diploma in Mechanical Engineering, First Grade Steam Engineer's Certificate and First Grade Internal Combustion Engine (Gas Turbine) issued by DOSH. He has 34 years of working experience in operation and maintenance of Palm Oil mills and Petro-Chemical complex manufacturing. He was the visiting engineer for a Utility Plant and Co-generation Plants. He has also served as an examiner of the Boilerman and Engineer exams. He has been conducting the following courses for Engineers, Supervisor and Technicians: Introduction to Hydraulics Bearing Technology Rotating Equipment QCC Training for Technician 3M User Training for Engineers, Supervisor Boiler Technology (Engineer Gas Turbine and Boilerman) .

REGISTRATION FORM

FMM Institute Negeri Sembilan Branch Fax : 06-603 1628

Attn : Cik Linda/ Pn Liza

Required vegetarian meal

Name

Designation

Email

1. _____

2. _____

Payment : Enclosed cheque/Bank Draft no . _____ for RM _____ being payment for _____ participant (s) made in favour of "FMM Institute"

Submitted by :

Please tick /

FMM Member

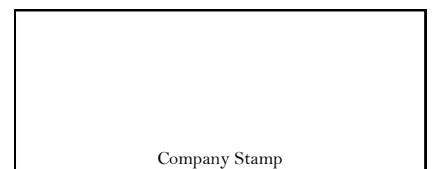
NON- Member

Name : _____ Designation : _____

Company : _____

Address : _____

Tel : _____ Fax : _____ Email : _____ Membership No : _____



Company Stamp