

STEAM ENGINEER REFRESHER COURSE

INTRODUCTION

Boiler is one of the important devices in most manufacturing industries. Various challenges like globalization, continuous increasing fuel price, add further constrains to the existing problems. Engineers need to have competency to manage the boiler and plant safely and efficiently.

OBJECTIVES

To provide knowledge and update boiler personnel especially in the latest boiler technology to ensure that the plants would be maintained in good operating condition and at low maintenance cost.

BENEFITS

Technology advancement in industry today tends to have its own pros and cons. It tends to have serious effects in the growth of many industries which is lack of maintenance knowledge. An hour of downtime in some industries can cost thousands of ringgits.

By attending this course the participants can benefit in reduction of cost involving downtime and proper boiler management through systematic approach will definitely benefit the participants.

WHO SHOULD ATTEND

Managers, Engineers, Maintenance Executives



Photograph courtesy of BIB Cochrane

DURATION

2 Days / 14 Days

FACILITATOR

Tuan Syed Mohd Bin Ab Fatah K.M.N , B,C.N

a Mech degree holder from University of Reading United Kingdom retired Pengarah JKKP has 29 years managing various portfolios with JKKP.

Design and plan approvals for boilers, unfired pressure vessels, cranes hoist and petroleum systems MLNG 1 Petronas and Sarawak Shell Bintulu. Involve in the construction and inspection of big petroleum refineries in Trengganu Trengganu Refinery (Petronas GPP (Petronas) TCOT (ESSO) TNB Paka Power Station, YTL Paka Power Station, Kenyir Hydro power station Pewaja Steel Kemaman and Kemaman Supply Base.

Panel member for examination committee to prepare syllabus and examination question for Steam Certificate Engineer, Engineer Internal Combustion Engine (ICE).

Examiner for Steam Certificate and Engineer Internal Combustion Engine (ICE).

Currently providing consultancy to industries and facilitating Steam Engineer, Engineer Internal Combustion (ICE), Engine Driver and Boilerman Certification courses.

PROGRAMME OUTLINE

Day -1

Introduction

Pre Evaluation

Safety and Health in Boiler Management

Ideal Boiler Management

Boiler Fittings

Steam Generation and Principles

Materials Used in Steam Plant

Combustion System

Water Treatment

Day-2

Steam Trap Operation and Maintenance

Boiler Failure Analysis

Factors Responsible for Boiler Failures

Factories and Machinery Act

Managing corrosion in boiler systems

Steam Turbine Operation & Maintenance

Case Studies & Discussions.

100 % HRDF CLAIMABLE

Hostel can be arranged for outstation participants