PUBLIC PROGRAM

Shyana HR consulting & training

INTERNAL COMBUSTION ENGINE (ICE)

EXAM PREPARATION & COACHING

This program is specifically designed for all Genset Operators in Malaysia. You are **required** to get your team members **CERTIFIED according to JKKP. This program will enhance participants' knowledge, skills, and competency level in mobile genset operations.**

8 & 9 MARCH 2023
8:30AM – 5:00PM
ARMADA HOTEL, PJ

BENEFITS OF ATTENDING THIS PROGRAM:

- Exam Tips
- Exam Preparedness
- Oral Exam Preparation
- Role Play – examiner and examinee
- Practical / Hands-on session
- Our **Lead Trainer** is well known, an industry expert, trained hundreds of individuals & Certified in ICE with DOSH
- This program is 100% claimable under HRDCorp

TERMS & CONDITIONS

1. DO COMPLETE YOUR REGISTRATION BY 1ST MARCH 2023.
2. FOR THOSE UNABLE TO REGISTER VIA HRDCORP, WE WILL INVOICE YOUR RESPECTIVE COMPANY ACCORDINGLY.
3. FOR ANY LATE CANCELLATION/NO-SHOW, A FULL COURSE FEE WILL BE CHARGED ACCORDINGLY.

FEES RM 2600/PAX FEES

HRDCORP CLAIMABLE

REGISTRATION:
019-3351697

Dev Sankey (Chief Learning Officer)
SHYANA HR CONSULTING & TRAINING SDN BHD

L-07-01, LEVEL 7, BLOCK L SOLARIS MONT KIARA NO 2
JALAN SOLARIS MONT KIARA 50480
KUALA LUMPUR MALAYSIA

TRAINING OUTLINE

Day 1

Overview of the Act
- Why this is important?
- Understanding the rationale behind the Act
- What is FMA / OSHA Act and their regulations?
- Understanding of FMA 1967 & OSHA 1994

Introduction to Gas Turbine Thermo Dynamics & Diesel Engine
- Overview of I.C.E (Internal Combustion Engine)
- Understanding ICE Classifications
- Intermittent Combustion Engine
- Continuous Combustion Engine
- Rotary Engine

Operating Gas Turbine
- Basic theory of gas turbine systems
- Gas turbine process
- Types of Gas Turbine applications
- Advantages & Disadvantages of gas turbine

Compressor Classifications
- Major components
- Functions
- Start-up & Shout down guidelines
- Maintenance procedures

Day 2

Understanding Reciprocating Engine
- Method of ignition
- Cycle of Operation
- Numbers of Cylinders
- Arrangement of Cylinders
- Speed
- Method of Cooling the Cylinder

Classifications of Internal Combustion Engines (cont)
- Engine Performance
- Lubrication
- Engine Starting Methods
- Starting and Stopping Procedures
- Valves Positions
- Compression Ratio
- Firing Order
- Engine Main Components

Combustion of Fuels
- Introduction of combustion
- Combustion theory
- Diesel Engine combustion

Diesel Engine Practical & Assessment of Day 2

SHYANA HR CONSULTING & TRAINING SDN BHD

L-07-01, LEVEL 7, BLOCK L SOLARIS MONT KIARA NO 2
JALAN SOLARIS MONT KIARA 50480 KUALA LUMPUR
MALAYSIA

support@shyanahr.com.my

www.shyanahr.com.my

Scan QR Code to
follow our social media