

2 DAYS

LIQUIFIED PETROLEUM GAS SYSTEM TRAINING



Introduction

The course will explain to LPG operator on how to handle LPG storage in the facilities especially for healthcare facilities. The course content includes the following:

- Legislation & Codes of Practice
- Gas properties & hazards
- Operator behaviours,
- Cylinder safety devices,
- Emergency procedures,
- PPE,
- Cylinder storage & handling.

Learning Outcome

- Understand the manufacture and filling processes of LPG Cylinders
- Understand the properties of LPG with direct safety implications and relationships between Pressure, Volume and Temperature of gases in sealed containers
- Know the definition and hazards of pressure, and its relevance to cylinders and pipework with special reference to safety relief devices
- Understand the emergency procedures for LPG
- Understand basic Risk Assessment and Safe Systems of Work procedures
- Understand the basic requirements for safe handling storage of LPG and identify correct Personal Protective Equipment to wear
- Be able to identify leaks and take the appropriate action
- Be able to replace LPG cylinder on a FLT safely – as appropriate

Delivery Methodology

This energetic training program will maximize the understanding and learning through classroom and team activity workshops.

Who Should Attend

This program suitable for Facilities Manager, Mechanical engineers, Mechanical technician, Kitchen operators and those involved in maintaining of LPG System Healthcare Facilities.

Course Content

- Introduction to Gas Properties
- Safety and Hazard in LPG system
- Risk Management
- Legislation of LPG Systems
- Operation of LPG cylinders
- Maintenance of LPG cylinders
- Visits to LPG installation.
- Discussion on visits

Master Trainer



Ir Al-Khairi Mohd Daud

Managing Director, Faqeh Management

Ir. Al-Khairi Mohd Daud has more than 20 years of experience in research, cement, oil and gas, petrochemical, oleo chemicals industries and healthcare facilities. He has gained various experiences in design, construction, testing and commissioning, operate and maintain facilities and plants from various multinational companies both abroad and locally. Ir. Al-Khairi is the Advisor of the Oil, Gas and Mining Technical Division and a member of Building Services for the Institution of Engineers Malaysia (IEM). He is a principle interviewer to qualifying engineers for professional interviews as well as a committee member for engineer's log book to ensure mechanical engineers registered with IEM has the correct training to qualify as professional engineers. Ir. Al-Khairi has written many articles and delivered numerous talks on maintenance and reliability to IEM fraternity in Maintenance, Healthcare and Green Technology Seminar. He is a Registered Electrical Energy Manager with Energy Commission and Professional Energy Manager with ASEAN Centre of Energy. He has been appointed as the country expert and certified trainer to promote Energy Management Gold Standard under the Asean Energy Management Accreditation Scheme (AEMAS) for the country supporting Greentech Malaysia.



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