



MEDICAL GAS AUTHORIZED PERSON



E.P.I. ACADEMY
Redefine Yourself...

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TITLE

Medical Gas Authorized Person

INTRODUCTION

This course is aimed at all those with management responsibility for the safe operation, installation and maintenance of medical gas pipeline systems, particularly those who are (or will be) designated Authorized Persons by Health Service organizations or contractors responsible for the installation and maintenance of such services.

DURATION

5 Days (9am to 5pm)

FEE

RM 7,500.00 per pax

PROPOSED TRAINING DATE

TBA

WHO SHOULD ATTEND

Who are (or will be) designated Authorized Persons by a Health service organization or are employees of contractors performing such works.

LOCATION

EPI Academy Sdn Bhd, Suite 1.01, Bangunan Basic 8, Lorong 19/1A, 46300 Petaling Jaya, Selangor

THE LEARNING CURVE

This course will develop the knowledge and skills relating to medical gas system practice so that you can carry out the installation, commissioning and engineering tests which are designated to an Authorized Person (as listed in HTM 02) and to be aware of the dangers involved.

OBJECTIVE

By the end of the course participants will be able to:

- Define and perform all engineering tests relevant to the commissioning and refurbishing of medical gas pipeline systems
- Manage a 'Permit to Work' system for medical gas pipeline systems by performing all duties of an Authorized Person as defined in HTM 02
- Describe and apply all relevant safety procedures when working on medical gas pipeline systems and identify potentially hazardous practices and situations
- Apply the principles and algorithms in current guidance to the design of medical gas pipeline systems
- Contribute to the writing/updating of a current policy

DELIVERY METHODOLOGY

a) Mode

This program is done in the form of classroom lessons (theory) and workshop training (practical). Classroom and workshop will be conducted at EPI ACADEMY. Classroom and practical training will be conducted from 0900HRS-1700HRS every day for 5 days.

Instructor and training assistants Facilitation

This course will be facilitated by qualified trainer and assisted by training assistants. The training assistants is responsible for collecting input on the course materials, both those that exist and potentially additions to be made, review that input with the current and desired objectives

Practical Classes

Participants will be able to reflect upon the theoretical lesson and strategize, integrate into practical lessons.

b) Evaluation of Training

To evaluate the progress of each trainee under the program, the participants will undergo a test upon completion of the course.

OUTLINE

Day 1: ICE BREAKER, INTRODUCTION, THE FUNDAMENTALS

Gist: Opening and general rules of thumb for the class. Ice breakers 'Knowing you & Knowing Me' - to know each other and understand the objectives of the course and expected outcome goals of the 3 days' workshop.

.Topics covered:

1. Introduction and use of Medical Gas
2. Hazards of Medical Gas
3. Cylinders
4. Act and standard Governing Medical Gas

Day 2: Topics covered

1. System Overview
2. Line valves /AVSU's
3. Alarms and Terminal Units
4. General Principles
5. Operational Checks

Day 3: Topics covered

1. Design Layout
2. Cylinder and Manifold System
3. Medical Gas Systems
4. Air Systems
5. Functional Responsibilities

Day 4: Topics covered

1. Synthetic Air
2. Cryogenic Liquid Storage
3. AGSS Systems
4. Pipe work Installation
5. Testing and Commissioning
6. Permit to Work

Day 5: Topics covered

1. Coursework Completion & Revision
2. Theory Assessment

CERTIFICATION

All participants upon completing the program/course will receive certificate of competency Module from Eastwood Park Integrated Academy.

Eastwood Park Integrated Academy

- EWP is a certification body accredited by Department of Standards Malaysia with the framework of ISO/IEC 17024 Certification of Persons. EWP focuses on extensive ranges of industry human capital and professional development.
- This ISO 17024 certification is strongly recognized by governmental bodies and their respective industries in Malaysia as well as countries throughout Asia Pacific continent.