

Production Operator(Level1)

Course Syllabus



1. Description

This course is intended for operation personnel who will be working on Oil & Gas Production equipment and facilities. This course includes group study sessions designed to provide the participants with knowledge of theory and hands-on training. Also included will be explanation and discussion of practices necessary to perform, safely and efficiently. The specific processes, procedures and forms are required to perform the production tasks in different situations and with different equipment, personnel are likely to encounter on the job. Finally, each certified personnel must pass evaluation requirement as shown below.

2. Objectives

- ❖ To learn the basic overviews of process and equipment typically used in the Oil and Gas Production Plant.
- ❖ To be able to work on specific equipment in the Oil and Gas Production Plant
- ❖ To be able to control production process and meet the requirements.
- ❖ To understand and be able to work on production equipment and engines in the safely and efficiently manners.

3. Materials

- a) Production training manuals
- b) Slide Presentations
- c) VDO's training
- d) P&ID drawings
- e) Specific equipment as related to each topic
- f) All materials are in the English language.

4. Class size

5 – 15 trainees.

5. Language

- Presented by Thai instructors
- Training Manuals and VDOs in English
- Quizzes and Trainee Reports in English.

6. Who should attend:

- Apprentice Operation Technicians
- Apprentice Engineers
- Should pass TOEIC with at least 350

7. Course Outline: Production Operator(Level1) course is comprised of 7 packages ,each package take 2 – 3 days as :

Duration	Course Code	Class Presentation	Teaching Aids, Practices
1 days	OG-P-03	<ul style="list-style-type: none"> • Basic Principle Of Petroleum 	<ul style="list-style-type: none"> • Slide Presentation • Quiz
2 days	OG-P-03	<ul style="list-style-type: none"> • P & ID Diagram 	<ul style="list-style-type: none"> • P & ID Diagram • Quiz
2 days	OG-P-04	<ul style="list-style-type: none"> • Test Separator (3 Phases Separation) • Well Test, Orifice Box and Well Blown Down 	<ul style="list-style-type: none"> • Slide Presentation • Quiz • Slide Presentation • Quiz
1 day	OG-P-04	<ul style="list-style-type: none"> • Pigging Operations and Pig Launcher & Receiver 	<ul style="list-style-type: none"> • Slide Presentation • Quiz

2 days	OG-P-05	<ul style="list-style-type: none"> Wellhead Platform and Equipment 	<ul style="list-style-type: none"> P & ID Diagram Slide Presentation Quiz
2 days	OG-P-05	<ul style="list-style-type: none"> Overview of Oil and Gas Processing 	<ul style="list-style-type: none"> P & ID Diagram Quiz
1 day	OG-P-06	<ul style="list-style-type: none"> Dehydration System 	<ul style="list-style-type: none"> Slide Presentation Quiz
1 day	OG-P-06	<ul style="list-style-type: none"> Stabilization System 	<ul style="list-style-type: none"> Slide Presentation Quiz
1 day	OG-P-06	<ul style="list-style-type: none"> Hydrocarbon Dew Point Control Unit 	<ul style="list-style-type: none"> P & ID Diagram Quiz
1 day	OG-P-07	<ul style="list-style-type: none"> Produced Water Disposal Deep Well Injection 	<ul style="list-style-type: none"> P & ID Diagram Quiz
1 day	OG-P-07	<ul style="list-style-type: none"> Flaring Systems 	<ul style="list-style-type: none"> P & ID Diagram Presentation Slide Quiz
1 day	OG-P-07	<ul style="list-style-type: none"> Booster Compressors 	<ul style="list-style-type: none"> P & ID Diagram Quiz
1 day	OG-P-08	<ul style="list-style-type: none"> Waste Heat Recovery 	<ul style="list-style-type: none"> Slide Presentation Quiz
1 day	OG-P-08	<ul style="list-style-type: none"> Production Operator Routine Duty and Checklists Control of Gas Nomination Recap 	<ul style="list-style-type: none"> Slide Presentation Quiz

7. Class duration

- 1 day = 7 hours.
- Total class - days = 18 days
- Total class – hours = 18 x 7 = 126 hours.

8. Assessment

1. Quiz for each module 40 %
 2. Post Test 60%
- Each trainee must meet 70% above.

9. Certificate

- Each package will be provided by MOGIT
- Completion of all packages, the certificate will be distributed and accredited as Production Operator ,Level 1.

10. Training fee

Including : lunch, training manuals, training material, consumables and certificates.

Excluding: Accommodation and VAT.

11. Option :

- * Clients can separately select and learn each course module as their requirement
 - * Clients can add more subjects as their requirement.
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