

**Training Title**

**PRODUCTION PLANNING IN OIL FACILITIES**

**Training Duration**

5 days

**Training Venue and Dates**

REF OP028	Production Planning In Oil Facilities	5	05 – 09 January, 2020	\$2,750	Cairo, Egypt
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At any of the 5 star hotels. The exact venue will be intimated once finalized.

**Training Fees**

US\$2,750 per participant for Public Training. Fees Includes Course Materials/Handouts, Tea/Coffee, refreshments, International Buffet Lunch.

**Training Certificate**

Define Management Consultancy & Training Certificate of course completion will be issued to all attendees.

**TRAINING OVERVIEW**

**TRAINING DESCRIPTION:**

**Design, Analysis and Optimization**

This course will be of great interest to anyone involved with production processing systems including engineers, production technologists, production superintendents, field foreman, and service personnel..

**TRAINING OBJECTIVES**

This course covers the necessary skills to enable you to maximize your production processing efficiency. [www.definettraining.com](http://www.definettraining.com)

**TRAINING METHODOLOGY:**

This training program is lecture-based and customized to the needs of the audience, providing meaningful experience for personnel that work in petroleum plants.

Daily sessions include formal presentation, prepared in the Power Point, interspersed with directed discussions and case study.

In addition to formal lectures and discussions, the delegates will learn by active participation through the use of problem solving exercises, group discussions, analysis of real-life case studies etc. All attendees receive a course manual as a reference.

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- 30% Lectures
- 30% Workshops and work presentation
- 20% Group Work & Practical Exercises
- 20% Videos & General Discussions

### WHO SHOULD ATTEND

Section Head  
Shift Controller  
Controller

### COURSE OUTLINE:

#### 1. Production planning

- ✓ Preparing the necessary production Plan for the field.
- ✓ Reviewing and analyzing the daily, monthly, and annual reports for the production rates, situation for the wells, and all the existing facilities.
- ✓ Assist in Pre-commissioning, commissioning and start up for new upgrading platforms, or any production.

#### 2. operating according to production standards

- ✓ Operating according to international production standards.
- ✓ Start up, shut down system procedures.
- ✓ Troubleshooting. Schedule for the preventive maintenance of the production facilities, with less or minimum down time.

#### 3. Achieving maximum production target

- ✓ achieving a production target with Company crude specifications
- ✓ maintain the production in smooth operation
- ✓ crude oil processing and shipping facilities.
- ✓ Study field prod. Surface facility debottlenecking.
- ✓ arrange for field requirement according to current status .
- ✓ follow up the new required project (starting from feasibility study, basic engineering, HAZOP study, fabrication, till commissioning and start up) ,comments and modify the needed through the project.
- ✓ Make database for the process facilities and the offshore wells.
- ✓ observation of the wells, well testing for total rate, water cut, gas rate and GOR calculations.

#### 4. Treatment

- ✓ The major types of processing:

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- ❖ Separation
- ❖ Dehydration.
- ❖ Desalting
- ❖ Sweeting
- ✓ Chemical treatment ,optimization
- ✓ Effluent water management and treatment philosophy.

## 5. Troubleshooting & Challenges

- ✓ Plant (offshore / onshore) troubleshooting & corrective actions.
- ✓ Preparing emergencies, contingencies plans for production platforms facilities, transporting lines.
- ✓ Experienced cases study for (wells, facilities trouble shooting, how to predict and prevention& overcome).
- ✓ How to Control field operation, preparing risk assessment, permit to work and safety meeting committee.
- ✓ Hazards associated with failure to follow company specifications.

NOTE:

**Pre & Post Tests will be conducted**

**Case Studies, Group Exercises, Group Discussions, Last Day Review & Assessments will be carried out.**



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