

Training Title

Process Plant Start-up, Commissioning & Troubleshooting Training

Training Duration

5 days

Training Venue and Dates

Process Plant Start-up Commissioning & Troubleshooting	5	March 28-1 April	\$3,300	Abu Dhabi
Process Plant Start-up Commissioning & Troubleshooting	5	09-13 May	\$3,300	Abu Dhabi
Process Plant Start-up Commissioning & Troubleshooting	5	04-08 July	\$3,300	Bahrain
Process Plant Start-up Commissioning & Troubleshooting	5	07-11 November	\$3,300	Dubai

Will be held at any of the 5 star hotels (Exact venue will be informed soon)

Training Fees

- 3300 US\$ per participant for Public Training includes Materials/Handouts, tea/coffee breaks, refreshments & Buffet Lunch

Training Certificate

Define Management Consultants Certificate of course completion will be issued to all attendees.

TRAINING OVERVIEW

TRAINING OBJECTIVES

The initial start-up of any plant, irrespective of size, type, or industry, is a unique occurrence. Therefore, start-up poses some special problems. Lack of experience in dealing with these problems has frequently resulted in prolonged and costly startups. This course will provide guidelines for all those involved in the execution

of a project on how to achieve a successful plant start-up. The requirements for start-up oriented thinking at all stages of the project, from engineering to commissioning, will be demonstrated.

The course material covers estimating of start-up costs, personnel requirements, and resources. It defines the vital role of project management and plant personnel in the preparation and planning for successful start-up of any process plant. Emphasis is on effective planning and use of available resources, both material and manpower.

COURSE DESCRIPTION

Upon completion of this course, you will gain knowledge of the problems and their sources, associated with first-time start-ups. You will have the necessary skills for anticipating and avoiding financial, technical, operational, and organizational problems associated with start-up.

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.

WHO SHOULD ATTEND

This course is designed for project managers, plant managers, plant supervisors, technical staff, and contractor personnel involved in project execution and plant start-up in any process industry. The greatest benefit arises from the application of these start-up oriented ideas throughout a project, beginning at the conceptual phase. The practical techniques and examples provide useful insights that are valuable at any stage of project execution and preparation for start-up.

COURSE OUTLINE

TERMS AND TOOLS

- Introduction
- Start-Up Problems
- Discussion
- Start-Up Planning
- Start-Up Cost Prediction
- Minimizing Equipment Problems

MANAGEMENT

- Start-Up Safety and Environmental Issues
- Start-Up Management
- Start-Up Manpower
- Start-Up Leadership
- Discussion

IN THE FIELD

- Construction Inspection
- Construction Completion – the Beginning of Start-Up
- Commissioning – The Heart of Start-Up
- Start-Up Operations
- Discussion

START- UP TROUBLESHOOTING

- Technical Issues
- Solutions
- Implementing Changes

START- UP and PROCESS SIMULATION (HANDS-ON DEMONSTRATION)

SHUTDOWN and DECOMMISSIONING

- Normal Shutdown
- Decommissioning and demolition

Case Studies, Discussions & Last review will be carried out

At the end of the course, the delegates will be able to:

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