

Training Title

PROCESS PLANT START-UP, COMMISSIONING & TROUBLESHOOTING

Training Duration

5 days

Training Venue and Dates

REF PE046	Process Plant Start-up, Commissioning & Troubleshooting	5	28 April – 2 May, 2019	\$4,500	Dubai, UAE
--------------	---	---	------------------------	---------	------------

Will be held at any of the 5 star hotels. The exact venue will be informed soon upon finalizing.

Training Fees

- 4,500 US\$ per participant for Public Training includes Materials/Handouts, tea/coffee breaks, refreshments & Buffet Lunch

Training Certificate

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

TRAINING OVERVIEW

TRAINING DESCRIPTION

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.

TRAINING OBJECTIVES

Upon completion of this course, participants will gain knowledge of the problems and their sources, associated with first-time start-ups. They will have the necessary skills for

DMCT/OL/9/18(Rev3Dt:23/9/18)

anticipating and avoiding financial, technical, operational, and organizational problems associated with start-up.

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

TRAINING METHODOLOGY:

A highly interactive combination of lecture and discussion sessions will be managed to maximize the amount and quality of information, knowledge and experience transfer. The sessions will start by raising the most relevant questions, and motivate everybody finding the right answers. The attendants will also be encouraged to raise more of their own questions and to share developing the right answers using their own analysis and experience.

All attendees receive a course manual as a reference.

This interactive training workshop includes the following training methodologies

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

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

DMCT/OL/9/18(Rev3Dt:23/9/18)

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

NOTE:

Pre & Post Tests will be conducted

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

www.definettraining.com

DMCT/OL/9/18(Rev3Dt:23/9/18)

P.O BOX 45304
ABU DHABI, U.A.E

T +971 2 6264455
F +971 2 6275344

www.definettraining.com