

PROCESS OPERATIONS TROUBLESHOOTING

PRE006

COURSE DESCRIPTION

The increase in the size and complexity of facilities of process operations has resulted in maintenance being accepted as an important mainstream function in oil and gas companies.

This course provides the participants with the means to properly operate and support the facilities of process operations in a way based on the good acquaintance with the modern technologies applied in this field. Trouble-shooting & forecasting break downs are inclusive.

COURSE GOAL

To enhance the delegate knowledge, skills, and abilities necessary to give him some practical exposures to help maintain the facilities of process operations in good operational conditions and cope with the emergency cases of breakdown.

COURSE OBJECTIVES

By the end of this course, participant will be able to:

- Define troubleshooting.
- Identify the steps of troubleshooting.
- Understand the process of elimination.

WHO SHOULD ATTEND

- Supervisors.
- Chemical engineers.
- Shift engineers.

COURSE DURATION

5 Working Days

COURSE OUTLINES

1. Introduction.

- Definition of troubleshooting.
- Steps of troubleshooting.
 - Identify the problem.
 - Determine the cause of the problem.

- Correct the problem.
- Return the process to service.
- Sources of information.

2. The Process of Elimination.

- Input / output testing.
- Bracketing.
- The serial method.
- Half-splitting method.
- Troubleshooting Examples.

3. Troubleshooting a Wastewater Treatment Operation.

- Identifying a problem.
- Taking preventive action.
- Determining the cause of the problem.
- Correcting the problem.
- Returning the process to service

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