

MAINTENANCE OF FIELD INSTRUMENTS & SYSTEMS

IPC015

COURSE DESCRIPTION

This course covers the methods of maintenance planning for field instruments and control systems with a focus on maintenance and troubleshooting levels. It discusses different types of Maintenance programs, giving the advantages & limitations for each type showing the way to select the optimum maintenance type / period for each instrument.

COURSE GOAL

To enhance the participants' knowledge, skills, and abilities necessary to improve plant availability and utilization and also to select the optimum maintenance type / period for each instrument.

COURSE OBJECTIVES

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

- Identify instruments and related control system components.
- Understand operation and maintenance of field instruments and control systems.
- Be familiar with the types of Maintenance and their characteristics & aspects.
- Understand operating characteristics of instruments and related control systems.
- Efficiently apply operation and maintenance procedures of instruments and related control systems.
- Be familiar with the tools of Diagnosing problems.
- Prioritize work orders.
- Plan reservation of material.
- Efficiently plan and schedule meetings.
- Efficiently plan for shutdown planning & improvements.
- Follow up and apply key performance indicators (KPIs).

WHO SHOULD ATTEND

- Instrumentation and process engineers.
- Technicians.

COURSE DURATION

5 Working Days

COURSE OUTLINES

- Instruments and related control system components.
- Operation and maintenance of field instruments and control systems.
- Types of maintenance and their characteristics & aspects.
- Operating characteristics of instruments and related control systems.
- Efficient operation and maintenance procedures of instruments and related control systems.
- Tools to diagnose problems.
- Prioritizing of work orders.
- Planning and reservation of material.
- Efficient planning and scheduling meetings.
- Shutdown planning & improvements.
- Follow up and key performance indicators (KPIs).

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