Training Title
CHECK DATA ACCURACY, SYSTEM FUNCTION, REPORT DISCREPANCIES TO MAINTENANCE

Training Duration
5 days

Training Venue and Dates

REF OP011	Check Data Accuracy, System Function, Report Discrepancies to Maintenance	5	08-12 September 2025	$5,500	Dubai, UAE

Training will be held at any 4 or 5-Star Hotels. The exact venue will be informed once finalized.

Training Fees
- $5,500 per participant for Public Training including Course Materials/Handouts, Tea/Coffee, Refreshments & Lunch

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

TRAINING OVERVIEW
This course is covering two modules, how to truly understand the control systems including the PLC, SCADA and DCS as well as the calibration of instruments and trouble shootings methods are considered a very important topics in nowadays industry. The course will be directed toward the practical issues related to the topic together with case studies, and Well Control, Troubleshooting and Safety.

TRAINING OBJECTIVES
On completion of the course the attendees will be able to:
- ✓ **Explain Control & ESD Systems**
- ✓ **Operate monitoring system manually (DCS, SCADA, alarm & shutdown systems, etc.).**
- ✓ **Analyze control & ESD system functions, coordinate remedial action.**
- ✓ **Perform incident investigation to establish root cause analysis and prepare and issue detailed reports.**
- ✓ **Check data accuracy, sys function, report discrepancy to maintenance.**

WHO SHOULD ATTEND?
Operator II Production, Controller Production, the course will also benefit anyone who wishes to update themselves on data and reporting technology.

Production, process, mechanical, control, maintenance, designers, and production engineers working in technical and design modification roles within industries.

TRAINING METHODOLOGY:

A highly interactive combination of lectures and discussion sessions will be managed to maximize the amount and quality of information and knowledge transfer. The sessions will start by raising the most relevant questions and motivating everybody to find the right answers. You will also be encouraged to raise your own questions and to share in the development of the right answers using your own analysis and experiences. Tests of the multiple-choice type will be made available on a daily basis to examine the effectiveness of delivering the course.

Very useful Course Materials will be given.

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

COURSE OUTLINE:

Introduction to Data Accuracy
- ➤ What is Data Accuracy
- ➤ Data Quality and Accuracy
- ➤ How to measure Data Accuracy
- ➤ Data Concurrency and Consistency
- ➤ Data Integrity and Redundancy
- ➤ Practical cases

System Function
- ➤ Characteristics of Operating systems
- ➤ The Unit System Function
- ➤ Iterated System function
- ➤ System function requirements
- ➤ Practical cases

Reporting of supply Discrepancies
- ➤ Characteristics of Report
- ➤ Technical Report Writing
- ➤ Maintenance Discrepancy Reporting
- ➤ Maintenance Program Discrepancy Report
- ➤ Develop and maintain financial data.

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- ➤ **Report with standard Error**
- ➤ **Practical cases**

Maintenance Functions and Procedures
- ➤ **Definitions of Procedures**
- ➤ **Writing Procedures for Maintenance**
- ➤ **Purpose of Maintenance Procedures**
- ➤ **Equipment of Maintenance and Procedures**
- ➤ **Terms of Functions and Procedures**
- ➤ **Practical cases**

Review Data Accuracy and System Function

- ➤ **How to Review the Data Accuracy**
- ➤ **Fellow up of system Function**
- ➤ **Improve Data Accuracy Through System Function**
- ➤ **Verification of Data Accuracy and Integrity**
- ➤ **Audit of Data Accuracy and System Function**
- ➤ **Review of Maintenance Procedure**
- ➤ **Discussion and Practical cases**

- • **Real Life Case Studies**

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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