CHECK DATA ACCURACY, SYSTEM FUNCTION & REPORT DISCREPANCIES TO MAINTENANCE

PEOE011
Production Engineering & Oil Exploration

COURSE TITLE

CHECK DATA ACCURACY, SYSTEM FUNCTION & REPORT DISCREPANCIES TO MAINTENANCE

COURSE DATE/VENUE

18 - 22 February,2019

Prague, Czech Republic

COURSE REFERENCE

PEOE011

COURSE DURATION

05 Days

DISCIPLINE

Production Engineering & Oil Exploration

COURSE INTRODUCTION

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 topic 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.

COURSE OBJECTIVE

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

COURSE AUDIENCE

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.

COURSE CONTENT

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
- ➢ 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

COURSE CERTIFICATE

TRAINIT ACADEMY will award an internationally recognized certificate(s) for each delegate on completion of training.

COURSE FEES

$6,150 per Delegate. This rate includes participant's manual, Hand-Outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

COURSE METHODOLOGY

The training course will be highly participatory and the course leader will present, guide and facilitate learning, using a range of methods including formal presentation, discussions, sector-specific case studies and exercises. Above all, the course leader will make extensive use of real-life case examples in which he has been personally involved. 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 multiple-choice type will be made available on daily basis to examine the effectiveness of delivering the course.

- 30% Lectures
- 30% Workshops and work presentation
- 20% Case studies & Practical Exercises
- 10% Role Play
- 10% Videos, Softwares or Simulators (as applicable) & General Discussions