€TRAINING

Management Analysis and Operational Audit including Performance Evaluation of Electric Power Generation Plants

14 - 18 October 2024
Dusseldorf (Germany)

Management Analysis and Operational Audit including Performance Evaluation of Electric Power Generation Plants

REF: A866 DATE: 14 - 18 October 2024 Venue: Dusseldorf (Germany) - Fee: 5940 Euro

Introduction:

This Program builds strong Power Generation Facility Performance Analysis, Auditing, and Management Skills in the participants.
It will build capabilities for verifying that the organization's policies, objectives, plans, processes, written procedures, and all other elements of organization activities are being implemented, and are operating, effectively - achieving your organization's strategic goals.

Course Objectives:

At the end of this course, the participants will be able to:

- Build a high level of understanding of all organization processes including for each process: What? How? Why? When? Risks? Impact on Strategic Goals?
- Follow a Very Practical Checklist approach to make learning relevant and applicable to On-the-Job Performance Needs.
- Show what is involved to bring the organization's operations in Compliance with ISO-9000 requirements.
- This Program extensively relies on Checklists, Procedures, Step-by-Step Instructions, and Case-Studies.
- Emphasis on Easy Practical Approach to Solving Problems.
- Cover: the Issues, Procedures, Key Questions Methodology Guidelines
- Identify of Parameters, Measurement Methods, Planning, and Management.

Targeted Audience:

This program is intended for all relevant Professionals, Consultants, and Managers.

Course Outlines:

Unit 1: Management Processes Procedures on Power Generation Facilities, including Continuous Improvement Opportunities On Projects:

- The Nature of Performance Problems.
- Risks on Power Generation Facilities.
- Organizational Procedures.
- Understanding Continuous Improvement: Company Strategic Direction - Clarify Strategic Objectives - Determine the Unit of Competitive Advantage. What to Improve? What not to Improve? How to establish Improvement Priorities?
- Implementing Continuous Improvement. Including: Setting up measurement standards - How will we know we have achieved the set goal? Implementation, Communication, Organizing, and Motivation Issues. Change Management.
- Proactive Decision Support System.

Unit 2: Current Developments Advanced Issues:

- Risk-Based Audits Risk Management.
- Self Control Assessment.

- Selling Audit Reports Recommendations.
- New Tools Techniques.
- Business Process Continuous Improvement Methodology.
- ISO-9000 Internal Audits.
- TQM.

Unit 3: Analysis Planning:

- Establishing Scope Objectives.
- Preliminary Review of System.
- Key Performance Indicators.
- Preparing a Tentative Audit Program.

Unit 4: Operational Analysis of Power Generation Facility:

- Reviewing Operating Policies Documentation, Confirming Procedures.
- Observing Operating Functions Activities.
- Examining Financial Operating Plans and Reports.
- Testing Accuracy of Operating Information.
- Testing Controls.

Unit 5: Advanced Issues:

- Validating the Analysis Process.
- Validating Key Performance Indicators.
- Different Production Facility Arrangements.
- Analyzing the Major Processes.

Unit 6: Audit Control Procedures for:

- Third-Party Audits:
    - Inspections.
    - Certifications.
- Evaluation of Findings.
- Making and Selling Analysis Recommendations.
- Change Management.
- Understanding and Managing Resistance to Improvement Recommendations.