



*Training Course:
Electric Power Generation Plants: Management
Analysis*

27 July - 7 August 2025

Cairo (Egypt)

Holiday Inn & Suites Cairo Maadi, an IHG Hotel

Training Course: Electric Power Generation Plants: Management Analysis

Training Course code: EW9074 From: 27 July - 7 August 2025 Venue: Cairo (Egypt) - Holiday Inn & Suites Cairo Maadi, an IHG Hotel Training Course Fees: 6600 € 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 of Electric Power Generation Plants: Management Analysis

In this program, you will learn about

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

Course Outlines of Electric Power Generation Plants: Management Analysis

Part-I First week

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 do 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.

Part-II Second Week

Conducting a Performance Analysis or Audit of Power Generation Facility

• 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

Analysis of Planning

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

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

Advanced Issues

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

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.

Registration form on the Training Course: Electric Power Generation Plants: Management Analysis

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