



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

*14 - 25 February 2027
Cairo (Egypt)*

Training Course: Electric Power Generation Plants: Management Analysis

Training Course code: EW9074 From: 14 - 25 February 2027 Venue: Cairo (Egypt) - Training Course Fees: 6950 € 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

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.

Target Audience

- Senior and executive-level managers in power generation facilities
- Performance auditors and analysts
- Facility managers in power generation sectors
- Risk management professionals
- Strategic planners in the power sector
- Engineering managers responsible for operational excellence
- Quality and compliance managers within power generation industries

Course Outlines

Day 1: Introduction to Performance & Power Generation Facilities

Management processes and procedures in power generation facilities
Nature of performance problems
Overview of operational challenges

Day 2: Risk and Organizational Framework

Risks in power generation facilities
Organizational procedures
Introduction to risk awareness in operations

Day 3: Strategic Direction & Continuous Improvement

Understanding continuous improvement
Company strategic direction
Clarifying strategic objectives
Determining competitive advantage

Day 4: Improvement Planning & Prioritization

What to improve and what not to improve
Establishing improvement priorities
Aligning improvements with business goals

Day 5: Implementation & Change Management

Implementing continuous improvement
Measurement standards and performance tracking
Communication and motivation
Change management principles
Proactive decision support systems

Day 6: Introduction to Performance Audit

Conducting performance analysis and audits
Current developments and advanced issues
Risk-based auditing and risk management
Self-control assessment

Day 7: Audit Planning & Methodology

Business process continuous improvement methodology
ISO 9000 internal audits
TQM concepts
Establishing scope and objectives
Preliminary system review
Key performance indicators KPIs
Preparing audit programs

Day 8: Operational Audit Execution

O p e r a t i o n a l a n a l y s i s o f p o w e r g e n

Reviewing policies and documentation
Observing operations and activities
Examining financial and operational reports

Day 9: Testing, Validation & Advanced Analysis

Testing accuracy of operating information
Testing controls
Validating analysis process
Validating KPIs
Analyzing major processes
Different production facility arrangements

Day 10: Reporting, Recommendations & Improvement

Audit control procedures third-party audits, inspections, certifications
Evaluation of findings
Making and presenting recommendations
Selling audit recommendations
Change management
Managing resistance to improvement

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

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