TRAINING TITLE

PROCESS UPSETS, TROUBLESHOOTING AND OPTIMIZATION

TRAINING DURATION

5 days

TRAINING VENUE AND DATES

REF PE044	**PROCESS UPSETS, TROUBLESHOOTING AND OPTIMIZATION**	**5 days**	**24-28 June 2024**	**$6,500**	**London, UK**

In any of the 4 or 5-star hotels. The exact venue will be informed soon.

TRAINING FEES

$6,500 per participant includes Training Materials/Handouts, Tea/Coffee breaks, Refreshments, and Lunch.

TRAINING CERTIFICATE

DEFINE Management Consultancy & Training Certificate of course completion will be issued to all attendees with valid approved Logo of AACE (Certification Preparatory Training by AACE).

TRAINING INTRODUCTION/DESCRIPTION

In the dynamic landscape of modern industry, the seamless operation of processes is essential for maintaining competitiveness and ensuring sustainable growth. Process management, encompassing the realms of troubleshooting, optimization, and mitigation of upsets, stands as a cornerstone in this endeavor. Whether in manufacturing, energy production, or service delivery, the ability to swiftly address challenges and fine-tune operations can spell the difference between success and stagnation.

This introduction delves into the fundamental aspects of process management, shedding light on its significance, challenges, and methodologies. From identifying the triggers of process upsets to implementing optimization strategies that elevate performance, the journey of process management is one marked by continual refinement and adaptation.

TRAINING OBJECTIVES

The objective of our discussion on process management is to provide a comprehensive understanding of how to enhance efficiency, reliability, and performance within organizational processes. Through exploring the principles of troubleshooting, optimization, and mitigation of process upsets, our aim is to equip participants with the knowledge and tools necessary to identify, address, and prevent disruptions while maximizing operational effectiveness. By the end of our session, attendees will gain insights into practical strategies and best practices for optimizing processes, thereby driving continuous improvement and sustainable growth within their respective industries.

WHO SHOULD ATTEND?

- Operations Managers
- Process Engineers
- Maintenance Supervisors
- Quality Assurance Specialists
- Production Planners
- Reliability Engineers
- Continuous Improvement Managers
- Plant Managers
- Supply Chain Manage

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 motivate everybody 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 multiple-choice type will be made available on daily basis to examine the effectiveness of delivering the course.

All presentations are made in excellent colourful power point. 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:

Session 1: Introduction to Process Management

- Overview of process management principles
- Importance of efficient and reliable processes
- Key challenges in process management
- Case studies highlighting the impact of effective process management

Session 2: Understanding Process Upsets

- Definition and types of process upsets
- Common causes and triggers of process upsets
- Strategies for identifying and diagnosing process upsets
- Case studies and real-life examples illustrating process upset scenarios

Session 3: Troubleshooting Techniques

- Introduction to troubleshooting methodologies
- Root cause analysis (RCA) techniques
- Failure mode and effects analysis (FMEA)
- Case studies and practical exercises on troubleshooting process issues

Session 4: Process Optimization Strategies

- Fundamentals of process optimization
- Identification of optimization opportunities
- Tools and techniques for process redesign and improvement
- Continuous improvement methodologies (e.g., Lean, Six Sigma)
- Case studies showcasing successful process optimization initiatives

Session 5: Mitigation and Prevention of Process Upsets

- Proactive approaches to prevent process upsets
- Implementation of preventive maintenance strategies
- Development of contingency plans and emergency response protocols
- Risk management techniques for minimizing the impact of process upsets

N**OTE:**

- **Pre & Post Tests will be conducted**
- **Post tests will be with minimum pass marks**
- **80% of attendance is a must to receive Certificate**
- **Case Studies, Individual & Group Exercises, Project works (making into groups), Role plays, Group Discussions, Last Day Review & Assessments will be carried out as applicable.**

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