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## Error Reduction in Maintenance

### Overview

Maintenance error contributed to many mishap events and cost million dollars lost in revenues. An error can be defined as a human actions or human behaviors that unintentionally deviated from the expected actions (or behaviors). The interactive training workshop is intentionally designed for those who responsible for or concerned with maintenance management that aims to prevent maintenance error, increase safety level, improve maintenance quality, and reduce maintenance cost. This training workshop is targeted at various industries, not a specific one. Our training course is full pack of industrial cases, hand-on exercises, and various examples.

### Objectives

The 1 days interactive training workshop will enable you to learn how to

- Understand and appreciate the key contributing factors of maintenance error
- Apply human factor concept approach to prevent maintenance error
- Build a safety defense against errors
- Develop a system approach to investigate maintenance error
- Reduce and prevent maintenance errors
- Build a proactive approach to error management

### Course Outlines

1. Maintenance error contribution to many accidents in complex and hazardous systems (safety cases)
2. Human factor approach to maintenance error
3. Building and inspecting safety defense against errors
4. List key contributing factors to maintenance error
5. Safety Culture and Organizational Factors in maintenance environment
6. Maintenance error reduction techniques
7. Building maintenance error management program
8. Hand-on exercises
9. Practical Case Study

### Who should attend


Maintenance engineer, maintenance supervisor/manager, reliability engineer, safety engineer/manager, and quality supervisor/manager

### Duration

2 days

### Key Points about This Course

- You will learn how to understand the application of human factor and human error approach to maintenance system
- You will learn how to list key contributing factors to maintenance error
- You will learn how to develop and implement a structured investigation process to maintenance error
- You will learn how to understand the maintenance error investigation model
- You will learn how to understand the maintenance error reduction tools and techniques
- You will learn how to develop a systematic approach to manage maintenance error

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## **Error Reduction in Maintenance**

### **Learning Outcomes from this course**

- You can understand and appreciate the key contributing factors of maintenance error
- You can apply human factor concept approach to prevent maintenance error
- You can inspect and check safety defense maintenance error
- You can develop a system approach to investigate maintenance error
- You can utilize maintenance error reduction techniques
- You can develop a systematic and proactive approach to error management
- You can prevent and reduce maintenance and improve safety and quality