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Threat and Error Management (TEM)

Overview

Threats and errors are normal part of a day-to-day operations. If we can not handle properly, it will increase the operational complexity and reduce safety margin of the system. Some threats that threaten the operation such as poor shift-work, fatigue, workload, bad working condition, unworkable procedures, poor lay-out and workspace, unclear display, poor quality tools and equipments, and many more.

Both threats and errors must be managed well by the operators in order to maintain safety margin and to prevent an undesired event that may arise from threats and errors. The interactive training seminar is a well-designed and suitable for those who concern with or responsible for managing threats and errors in your complex operations where safety is a primary goal. This seminar gives you a clear presentation of basic concept of threat and error management.

Objectives

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

- Identify threats and errors that threaten your context of operation in dynamic environment
- Act on threats and errors that impact on your operations
- Develop your Threat and Error Management (TEM) program in a realistic and practical manner

Course Outlines

1. The concept of threats and errors
 - What is threat
 - What is error
2. Identify threats in the environment
3. Identify and classify errors
4. Threat management
5. Error management
6. Tools and Techniques in Threat and Error Management (TEM)

Who should attend

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

Duration

2 days

Key Points about This Course

- You will learn how to understand the concept of threat and error that occur in the context of operation
- You will learn how to Identify and classify threats and errors
- You will learn how to develop a method to manage threat
- You will learn how to develop a method to manage error
- You will learn how to apply tools and techniques require to threat and error management (TEM)

Learning Outcomes from this course

- You can identify threats and errors that threaten your context of operation in dynamic environment
- You can develop methods to prevent, mitigate threats and errors that impact on your operations
- You can develop your Threat and Error Management (TEM) program in a realistic and practical manner