

WC 230 - Spare Parts Management and Inventory Control

Recommended for

Engineers, supervisors and managers from the following functions: Inventory control, purchasing, reliability & maintenance engineering, logistic support, quality, production & warehouse management.

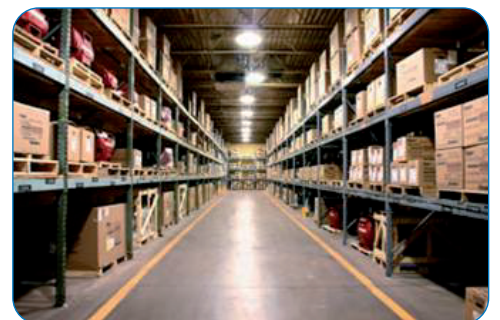
Course objective

The course objectives are to provide participants with a sound knowledge and understanding of the following.

- Spare parts and inventory management processes and principles
- Basic spare part and inventory management terminology
- The importance and relations of spare part and inventory management with respect to business goals
- Identifying, structure, and classifying spare parts on their criticality, (re)order parameters and other characteristics
- Applying basic analysis techniques to optimize the availability of spares and cost-effectively handle obsolete spares
- Key institutes and reference material on spare parts and inventory management

Course description

In a maintenance repair and operating (MRO) environment, spares and inventory management refer to those activities in an organization that ensure at any time the optimal and timely availability of spare parts in order to meet maintenance demands. In today's competitive environment, it is important that the management and optimization of spares inventory is always considered in the context of supporting the maintenance function to meet its operational and business goals. Simply reducing inventory is not enough. Ideally, the aim must be to maintain sufficient inventory and no more such that production is never impacted by stock-outs whilst keeping inventory costs to a minimum. In this way, inventory management and optimization add real value to any business.



This course will consist of the following modules:

- Module 0: Introduction
- Module 1: Spare parts management (SPM)
- Module 2: Maintenance and spare parts strategy
- Module 3: MRO inventory management
- Module 3-A: MRO inventory management – Basics
- Module 3-B: MRO inventory management – work processes and CMMS
- Module 4: Obsolete management

Case studies

The purpose of the case studies is to provide participants with an opportunity to apply the gained knowledge and understanding in practice.

Course duration

3 days