



Effective Spare Parts Management

Duration : 5days

Introduction

Spare parts Management plays an important role in achieving the desired availability at an optimum cost. The downtime for such machinery is expensive. It has been observed in many industries that the non-availability of spare parts, as and when required for repairs, contributes to as much as 50% of the total down time. The maintenance department is complaining of the non-availability of the spare parts to meet their requirement and is facing the problem of spare parts inventory. This signifies the vital importance of spare parts management in any organization.

Spare parts logistics means efficient control and dimensioning of spare parts for one or several systems. This requires both practical experience and a solid understanding of the mechanisms and relationships behind spare parts logistics. By structuring, modeling, calculating and evaluating alternative logistics support solutions, a deep understanding of the logistics relationships is achieved.

Objectives:

- Identify basic concepts and relationships in spare parts theory
- Find the relevant data for spare parts analyses
- Identify weak points in existing spare parts solutions
- Optimize spare parts inventories by maximizing effectiveness while minimizing costs
- Define goals and strategies to achieve a better spare parts logistics solution
- Measure and verify the effectiveness of the logistics support solution
- Alternative ways of improving the logistics support chain and the operative effectiveness

Course Outlines :

1. IDENTIFICATION OF SPARE PARTS

- What is a spare part?
- When a spare part is required
- Understanding the description including the size and type

2. FORECASTING OF SPARE PARTS REQUIREMENT

- Successful spare parts management,
- Commonly used inventory analyses
- Development of inventory control systems



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3. SPARE PARTS EFFECTIVENESS

- Cost Effect Compromise
- Measure Parts Effectiveness
- Improve Parts Life
- Parts Obsolete Rate

4. ESTABLISHMENT OF SPARE PARTS BANK

- Spare parts inspection
- Reconditioning of spare parts
- Reducing Spare Parts Cost
- Education and Training