

5 S and 7 Wastes

Introduction:

5S is one of the most widely adopted techniques from the lean manufacturing toolbox. Along with Standard Work and Total Productive Maintenance, 5S is considered a “foundational” lean concept, as it establishes the operational stability required for making and sustaining continuous improvements.

The primary objective of 5S is to create a clean, orderly environment- an environment where there is a place for everything and everything is in its place. Beyond this, many companies begin their lean transformation with 5S because it exposes some of the most visible examples of waste it also helps establish the framework and discipline required to successfully pursue other continuous improvement initiatives.

Objectives:

- Better Work Efficiency
- Better Work Effectiveness
- Better safety
- Reducing the non value added activities
- Elimination the waste related to work area organization
- A significant reduction in workplace frustration

Contents:

- What is visual management
- An overview of the 5S's.
- The benefits and operational impact of implementing the 5S's.
- Managing, monitoring and empowering the workforce
- How to determine the process flow ?
- What is sorting?
- Sorting visualizing
- What is Straighten?
- Straighten visualizing
- What is Shine?
- Shine visualizing

- What is Standardize?
- Standardize visualizing
- What is Sustain?
- Sustain visualizing
- Introduction to Transportation waste
- Introduction to Inventory waste
- Introduction to Motion waste
- Introduction to waiting waste
- Introduction to Overproduction waste
- Introduction to over processing waste
- Introduction to Defect waste

Language:

- The materials for the trainees will be in English.
- The language of instruction should be in Arabic / English.