

LEAN Awareness

Overview

The course is designed primarily to provide engineers, support chain personnel, project and business development staff and their respective managers with an appreciation of LEAN principles and their application. This course is presented as the first of a suite of LEAN courses that can be taken either individually or as a continuous three day package.

Target Audience

The course provides engineers, support chain personnel, project and business development staff and associated managers who are undertaking or about to undertake a programme of change within their workplace an appreciation of the principles of and the practical application of LEAN.

A combination of advanced presentation techniques and informal delegate instructor interaction are used to facilitate this lecture and workshop based event.

Objectives and Utility

The course covers the history of LEAN methodology, its 5 principles, 8 wastes (both from an internal organisational and a customers perspective), how to identify the wastes which in turn is supported by a practical exercise introducing Value Stream Mapping. The course progresses by introducing the concept of Continuous Improvement (CI), Kotter's 8 steps to success for change programs (and reasons for failure) and concludes with the topic of Leadership Behaviours within a CI program.

The Training Process

At each stage the relevant theory is presented and discussed, this is then consolidated through a series of workshop exercises. This approach ensures that the delegate has a sound appreciation of the concepts and the issues associated with LEAN

Because the approach is logical and structured it aids recall and understanding and as the concepts are related to the theory, the delegates develop the ability to make a critical appraisal of the content and the requirements of LEAN.

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Course Programme

Day 01 - AM

901 - P **A brief history of LEAN**

This wholly taught module gives a brief overview of the History pertaining to LEAN Manufacturing and the associated philosophy, detailing its ancestry and how it has evolved.

902 - P **Principles of LEAN**

A wholly taught module that gives an overview of the principles of LEAN, detailing their fundamental importance within LEAN thinking and application.

Day 01 - PM

903 - P **Identification of Waste**

This workshop based module gives an understanding of the 8 Wastes associated with LEAN initiatives and gives a brief discussion on their application before the delegates apply the learning during a Value Stream Mapping Exercise.

910 - P **Management of LEAN**

A workshop based module that develops an understanding of Continuous Improvement (CI) the discussion then centres on Kotter's 8 steps for success within a change program, and provides examples of why CI sometimes fails within an organization. This is followed by an introduction into Leadership Behaviours detailing some of the associated pitfalls associated with certain behavioural characteristics.