

Rapid Changeover Techniques (SMED)

Duration: 1 day

In-Company training:

Smallpeice courses are all available in-company for cost effective group training. This provides the opportunity to customise the content and to include practical activities that are linked to your own processes and products.

Before training onsite we will discuss and scope your requirements and provide a bespoke delivery plan and proposal for your review.

For more information on the options, please contact Smallpeice on +44 (0) 1926 336423 or email train@smallpeice.co.uk

Overview:

This one day course, suitable for team leaders, engineers, operators and continuous improvement practitioners, provides an easy to follow, structured approach to facilitating rapid changeover workshops. A step by step guide is provided for preparing for, facilitating and following through rapid improvement workshops. Delegates will leave the classroom with the confidence and toolkit to be able to deliver successful changeover reduction activities back in the workplace.

Objectives:

- To introduce delegates to the concepts of Rapid Changeover Techniques
- To demonstrate the benefits of reducing changeover times
- To equip delegates with a number of practical techniques for Changeover Reduction

Outline:

Introduction

- Training format & objectives
- Outputs & expectations

Introduction to Rapid Changeover Techniques

- Objectives and benefits of rapid changeover techniques
- The concepts of Single Minute Exchange of Dies (SMED)
- What can you achieve?

Getting Ready for a Rapid Changeover Activity

- Identifying the opportunity and setting the goal
- Who to involve
- Preparing for the event
- Taking a 'Kaizen' Rapid Improvement Approach
- Rapid Improvement Event Preparation Checklist

Studying the Current State Changeover

- Capturing and measuring the current state
- Alternative techniques for observing the current process
- Recording the changeover process
- Capturing waste of motion
- Defining Internal vs. external work
- Exercise: Changeover simulation activity

Changeover Reduction Techniques

- Separating internal from external activities
- Techniques for converting internal to external
- Implementing function standardisation
- Use of intermediary jigs
- Implementing Parallel operations
- Eliminating adjustment
- Examples & case studies
- Exercise: Changeover simulation activity

Implementing the Improvements

- Generating and evaluating alternative improvement ideas
- Taking a structured approach to piloting the solutions
- Creating and Managing the action plan
- Putting tracking metrics in place
- The importance of standards
- Validating the improvement and replicating the opportunities

Course Summary and Review