



Lean further

Duggan Associates

We teach, implement
and help you to achieve
"Operational Excellence"

through a proven methodology
incorporating lean principles.

Online at dugganinc.com

Email us at info@dugganinc.com

Call us at 401-667-7299

SETUP REDUCTION

Overview

This setup reduction class is based of the SMED system from Shigeo Shingo. It consists of lecture and hands on implementation of the techniques at the student's manufacturing facility. This class will educate in the techniques used to reduce setup times on equipment and machinery.

This set-up reduction class is based of the SMED system from Shigeo Shingo. It consists of lecture and hands on implementation of the techniques at the student's manufacturing facility. This class will educate in the techniques used to reduce set-up times on equipment and machinery. Students will learn the theory and practices to reduce set-up times then apply the techniques immediately on a piece of machinery in their factory. By using a piece of equipment in the factory as an example for the class, students are able to reduce the set-up time in their operation and share the results with others. Students can become teachers and apply these techniques throughout all the equipment in the plant.

Typical results from this class are 70 - 80% reduction in set-up time with little or no capital investment. These results are usually obtained within one week of the class.

Learning Objectives

- Understand why set-up times are important
- Introduce the four stages of any set-up
- Learn skills needed to analyze current set-ups
- Learn skills needed to measure improvement

Program Agenda

Day One

- Why are set-up times important?
- What is the SMED system?
- Four stages of any set-up
- Analyzing current set-ups
- Six stages of set-up reduction
- Set-up reduction worksheet
- Example - Die swapping
- Implementing the changes
- Measuring for improvement

Class Duration:

1 day

Recommended Class Size:

15-20

Languages:

English

Prerequisites:

None

Class Location:

On site preferred

Who Should Attend:

- Operators
- Setup personnel
- Manufacturing engineers
- Design engineers
- Industrial engineer
- Production Supervisor

Materials Provided by Duggan:

Student Guides (containing all instructor's slides) and Value Stream Mapping Pads

Materials Provided by Client:

LCD projector, flipcharts, large whiteboard, photocopy machine, dry erase markers, flipchart markers, pencils, one calculator per team. (Coffee, lunches, etc.)



With experience in over 375 locations we are the specialist in global lean implementation.

The Duggan team consists of some of the most knowledgeable and experienced professionals in the business. Like Kevin, they emphasize a "hands-on" approach, implementing Lean in complex operations. As teachers and mentors to the executives they serve, they provide the strategic and technical education required for their clients' cultural transformation. The team directs companies away from random point Kaizen into structured value stream results.

The Duggan team is comprised of qualified individuals with industrial, management, and executive experience. Each member goes through an intensive "train-the-trainer" program teaching the standard work required to help companies achieve operational excellence. Through education and coaching, the team helps companies understand the importance of every employee seeing the flow of value to the customer and knowing how to fix that flow when it breaks down.

The Duggan team is comprised of experienced individuals who bring years of experience from all levels and all types of businesses.

Our team has worked in the following industries: Medical, Medical Products and Devices, Automotive, Heavy Machine Assembly, Consumer Products, Manufacturing, Electronics, Foundries, Quarry, Contract Packaging, Pharmaceutical, Aerospace, Industrial, Engineered System, Textiles, Chemical, Rubber, Plastics, Information Systems Design and Implementation, Business Logistics Management, Retail, Industrial Equipment, Fire and Rescue/Safety Equipment, Oil and Gas, Computer Services, Office Equipment, Food Industry, Paper Mills, Injection Molding, Extrusion, Fabrication, Retail Grocery, Distribution Centers, Medical / Analytical Equipment, Investment Casting.

Our team has worked in the following countries: United States, Spain, Brazil, UK/England, Ireland, Germany, Poland, France, Portugal, Canada, India, Singapore, China, Puerto Rico, Italy, Belgium, Malaysia, Czech Republic, Sweden, and Mexico.

Courses are available in: English, French, Dutch, German, Spanish.