



## **SMED (Single Minute Exchange of Die)**

### **Course Description**

This one-day course is designed to give the attendees solid application learning in Single Minute Exchange of Die principles and techniques initially developed by Toyota Production Systems. The course engages the attendees in analyzing and using thought leadership of SMED in Murray Feiss applications. Several other-company examples will also be used to help in the attendees better digest the level of change required. The students will be provided with books that include all of the slides used in the class.

### **Course Duration of course**

This class is 5 hours in duration.

### **Course Detailed Content**

1. The Map to World Class Performance
2. Lean Application
  - a. Lean metrics
  - b. Flexibility
  - c. Speed
3. Introduction to Waste
  - a. Unnecessary transactions
  - b. Delays and waiting
  - c. Making More than Required
  - d. Unnecessary Internal Movement
  - e. Unnecessary External Transportation
  - f. Unneeded Inventory
    - i. Obsolescence
    - ii. Excessive
    - iii. Buffers
  - g. Yield Gaps
  - h. Human Creativity
4. Project Team Organization
5. Actions as a Result of this Class

### **Course Deliverables**

- Team members will be prepared to start their first SMED project.
- Attendees will have an understanding of SMED concepts and application in Murray Feiss
- A Project will be targeted as a result of the course.

### **Intended Audience**

Supervisors  
Line Managers  
Operators  
Key Employees

### **Costs for Delivery**

Negotiable

### **Normal Follow-up**

Normal follow-up for a SMED Project would include 2 days of hands-on consulting.