



Conducts

One Day Workshop On

Single Minute Exchange of Dies (SMED) (Tool Changeover Time Reduction)

Introduction :

Today's competitive manufacturing scenario encompasses most of the concepts popularized by Japan, especially in the Auto Components sector. To enhance the efficiency and productivity, all organisations adopt various techniques – viz. Lean, JIT, SMED, Poka Yoke etc., and make themselves more competitive in the global scenario.

Frequent changeovers in the set-ups due to reduced batch sizes have become the order of the day due to ever-changing product mix to satisfy the needs of the customer.

Single-Minute Exchange of Die (SMED) is one of the many lean production methods for reducing waste in a manufacturing process. It provides a rapid and efficient way of converting a manufacturing process from running the current product to running the next product. This rapid changeover is the key to reducing production lot sizes and thereby improving flow (Mura).

Objective :

The SMED technique topic is focused on using the various internal and external time elements macro and micro level breakup to reduce the changeover time and setup time when the part changeover comes and initial setup comes .which will help to improve the availability and OEE/OLE.

Benefit :

- Availability improvement.
- OEE/OLE Improvement.
- ZERO Defect and Zero PPM Achievement.
- COPQ will be reduced.

Methodology :

PDCA cycle, TPM , QA Matrix , SMED - QIM .

Target Group :

Managers, deputy managers, engineers and executives of Production department all functions, Design , R & D , Die /Machine Maintenance , PPC ,Purchase and Materials Department.

Facilitator: Mr. Shyam Sundar KS

He has completed his graduation in mechanical engineering from Madurai Kamaraj university , Post graduation from College of engineering Guindy anna university in Total quality management and business administration from Alagappa university .He has more than 25 years of experience in various manufacturing functions including SCM , manufacturing systems engineering , Production , PPC , Corporate management Information system ,Quality . Projects and Product costing, Design , Research and Development, Maintenance of Tools and and Machines .

He has served with Automotive OEM and TIER suppliers of ANZ international, TVS Sundaram Brake Linings , OMAX Autos , Hema Group , Maini Group and HM auto . He has dealt with Auto OEM Customers such as TVS Motor Company, Nissan, GM, DC, Ashok Leyland, Hyundai, and Daimler & Toyota.

He has worked with various consultants such as TomLuiester, Jim Womack, Takaosan, Yamakuchi, Kawashima, Mizota and Prof. Suda San for lean MFG, TPM & TQM .

He is a certified auditor for IATF 16949 – 2009, ISO 14001 & OHSAS 18001.He is having process wide knowledge in stamping, modern machining, conventional machining advanced welding , Robotics , and surface finishing .

He has conducted many inhouse training programmes in many companies on various disciplines of Value stream mapping , APQP , PPAP , QFD , Design of experiments , SPC,SQC, TQM , TPM , SCM , KANBAN , Financial management , simulation and cost saving mathematical Business profit models and followed by X matrix and Theory of constraints.

TRAINING PROGRAMME FEE :

Rs. 3000/-per participant + 18% GST.

GSTIN : 33AFKPG7543M1Z5 SAC CODE : 999293 (Commercial Training and Coaching Services)

It Covers course Material, grand buffet Veg. Lunch & refreshment

Cheque / DD drawn in favour of "Maxwell Centre for Industrial Training and Development".

Course Contents:

COURSE CONTENT: - Level 1

- Pre requisite.
- What is SMED and Need of it?
- Objectives.
- Basic Concepts.
- Importance.
- Methodology.
- Basic Rules.
- Principle and Over view.
- SMED in OEE/OLE.
- Current & Future State. SMED.
- SMED – Process steps.

COURSE CONTENT: - Level 2

- SMED Information mapping with , Time Elements.
- Traditional /Strategic Setup Approach.
- SMED Matrix Mapping sheet.
- Factors and Considerations.
- Red Flag Condition.
- Stages of SMED.
- Implementation Techniques of SMED.
- Benefits of SMED.
- SMED and Lean with TPM.
- Case study.



SMED – Single Minute Exchange of Dies

Date and Time:

20th June 2019

Thursday

9 am – 5 pm



Venue:

Quality Inn Sabari
Thirumalaipillai Road,
T Nagar, Chennai-600017.

For registration contact:

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