

EFFICIENCY IMPROVEMENT[®]

OVERALL EQUIPMENT EFFECTIVENESS

A Workshop by Ahmar J. Iqbal

11th February 2020 | 10:00 am - 4:30 pm

Royal Rodale Club, Karachi

Overview:

Overall Equipment Effectiveness (OEE) is a tool that combines multiple manufacturing parameters and data positions to provide information about the health of the manufacturing process. This acts as a framework for root cause analysis to continuously improve the process. Globally, measuring OEE is one of the good manufacturing practices. By evaluating OEE and classifying the related losses, one gets insights on systematically improving the manufacturing process. OEE is the best indicator to identify losses, set benchmark targets, and improve the productivity of a manufacturing site. It evaluates performance by focusing on availability of equipment (Utilization), its performance level (Throughput), and the good quality product that it is producing (Yield) during the cycle of operation. This performance indicator provides an important overview of equipment efficiency. An OEE of 100% means that only good parts are produced (100% quality), at the maximum speed (100% performance), and without interruption (100% availability).

Why to Measure OEE?

OEE measurement is a universal key performance indicator (KPI) for businesses across all industries to gauge plant and equipment efficiency. With lean manufacturing programs, measuring OEE can provide insights into areas requiring improvement under the availability, performance and quality parameters. This provides an opportunity to identify the problem area, benchmark best in class operations and continuously improve the efficiency and productivity of the plant. With increasing cost of operations, it is important for any manufacturing concern to start measuring and improving the OEE to have competitive performance.

Learning Outcomes:

- Understand the concept of OEE
- Learn the measurement techniques of OEE
- Understand how to identify the waste (big six losses) and the cost associated with it
- Understand the use of quality tools for root cause analysis
- Learn the process of OEE improvement

Facilitator's Profile:

Ahmar has hands on experience in operational and strategic management. His experience is multifaceted with leading organizations in Pakistan. He is a Mechanical Engineer by qualification and has worked in different functional environments covering Manufacturing Operations, General Management, Project Management, Quality, End to End Supply Chain, Acquisitions & Mergers, Business Integration, Strategic Planning, Business Process re-engineering and Vocational Training. The multiplicity of knowledge covers sectors comprising of Foods, Pharmaceuticals, FMCG, Chemicals, Ceramics, Lighting and Development. Ahmar has progressed from front line management position to the Board level positions. He has worked with legendary organizations including ICI Pakistan Limited, Reckitt & Colman, Philips Electrical Industries of Pakistan Limited, Hashoo Group, Mondelēz Pakistan Limited and Aman Foundation. His involvement with vocational training gave him opportunity of being Chief of Party for a US Aid Project and consultation tasks for GIZ- An implementing partner of EU on Technical & Vocational Education and Training (TVET) Reform Support Program. He has attended various local and international programs on management and leadership development. Ahmar after spending 29 years in corporate world has partnered with other specialists and has started a consulting firm - Optimum Advisory with an objective to help businesses achieve their vision through focus on Growth, Efficiency and Capability agenda.

Methodology:

Presentation, Audio-Video Visuals, Group Activities, Quizzes, and Supportive Course Material.

Workshop Outline:

- Introduction to Overall Equipment Effectiveness (OEE)
- Importance of Overall Equipment Effectiveness (OEE)
- Factors effecting Overall Equipment Effectiveness (OEE)
- Bucket for big six losses
- How to monitor and calculate Overall Equipment Effectiveness (OEE)
- Root cause Analysis – Use of Quality Tools

Who Should Attend?

Factory Managers, Production Managers, Process Engineers, Maintenance Managers, Quality Managers, Production Staff, Maintenance Staff, Quality Staff and anyone who is directly involved in manufacturing activities.



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ADMINISTRATIVE INFORMATION

Registration Fee*	Early Bird Fee (Register by) 28 th Jan 2020	Regular Fee
MAP Institutional Member	Rs. 11,900/-	Rs. 13,500/-**
For two or more Institutional member nominations	Rs. 10,900/-	Rs. 12,500/-
MAP Individual Member	Rs. 9,500/-	Rs. 11,000/-
Student Member	Rs. 5,000/-	Rs. 5,500/-
Non-Member	Rs. 15,000/-	Rs. 16,000/-**

*Includes: MAP Certificate, Printed Course Material, Lunch & Tea.

** Note: 20% Discount is available on nominations for 5 or more participants

Registration:

Registration to be confirmed only on receipt of cheque in advance

- Cancellations or substitute nominees acceptable up to 48 hours prior to the event.
- Early bird discount can only be availed if payment is made before the day of event. Otherwise, invoice will be reissued at Standard Fee.
- Please complete the Registration Form attached here to along with a crossed cheque for the applicable fee, in favor of Management Association of Pakistan, to be sent to MAP's address given below:

For Direct Transfer

- Acct Title : Management Association of Pakistan
- Bank Name : MCB Bank Limited
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