

# Total Productive Maintenance TPM

Certification Program  
February 2018



Binding Energy

## Discovering new limits Through people and values

### Who Should Participate?

- Maintenance Managers
- Maintenance Engineers
- Maintenance Planning Specialist
- Production supervisors
- Successful Lean Green Belt delegates
- Process Improvement Specialists
- Process Engineers

Many of TPM tools and concepts seem simple and straightforward. However, stand-alone tools are of limited value and unsustainable unless integrated into your business objective as a whole. You will learn about the tools, and more importantly, learn how to apply TPM principles to drive business processes and results.

# Training Contents

3 Training Days



## TPM

- Day 1:

- 1-Introduction to Lean

- Value
- Value Stream
- Flow
- Pull
- Perfection
- 8 Deadly Wastes

- 2-Introduction to Total Productive Maintenance

- Types of Maintenance
- Benefits of TPM
- TPM Vs Traditional Maintenance
- TPM Key Equipment Measures
- Maximizing Production Effectiveness
- Elements of Overall Effectiveness
- OEE & Six Major Losses
- TPM 8 Pillars & 3 Foundations
- TPM Development

- Day 2:

- 1- **Training & KPI's**

- Operating and Maintenance Skills Training
- Four skills Levels
- Equipment-Competent Operators
- Equipment-Competent Maintenance Personnel
- Six Steps To Boost Operating and Maintenance Skills
- What is KPI's?
- How Do I interpret KPI
- Maintenance Basic KPI's

- 2- Autonomous Maintenance/Production Lead Maintenance (PLM)

- Autonomous Maintenance
- Why must we make it simple?

- 3- Autonomous maintenance Development Program

- Initial Clean-Up
- Countermeasures for Source of Contamination
- Cleaning and Lubrication Standards
- Overall Inspection
- Autonomous Maintenance Standards
- Process Quality Assurance
- Autonomous Supervision

- Day 3:

- 1- Planned Maintenance

- Evaluate Equipment Current Condition
- Restore Deterioration and weaknesses Correction
- Build Information Management System
- Build Periodic Maintenance System
- Build Predictive Maintenance System
- Planned Maintenance System Evaluation

- 2- Focused Improvement

- Selecting Improvement Topic
- Understanding the Situation
- Expose and Eliminate Abnormalities
- Analyze Causes
- Plan Improvement
- Implement Improvement
- Check Results
- Consolidate Gains

## Course Duration:

TPM Training program is designed to be delivered as follows:

- 3 full class days, 24 training hours
- Training starts 9:00 am till 5:00 pm

## Program Fees:

- 3000 EGP Training Fees
- Class is limited to 15 participants only

## Registration:

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## Certification:

Participants shall be awarded certificate of attendance upon the following criteria:

1. Class attendance and active participation
2. Attending 3 full class days


## Admissions pre-requisites:

- Each participant brings a laptop
- Knowledge of Ms-Excel
- Very good command of English
- Company approval for project implementation



## Course Dates:

February 2018						
S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

-  Day 1
-  Day 2
-  Day 3