TPM Course
Methodology and applications

What is the TPM Course:

The TPM (Total Productive Maintenance) is a structured methodology for planning and controlling the maintenance of production plants, based on concepts of preventive and predictive self-maintenance.

The TPM is a real plant/machine management system in order to reduce downtime for failures, micro downtime and improve product and output compliance and quality. The aim is to increase the OEE (Overall Equipment Effectiveness) which consists in pursuing goals of zero accidents, zero defects, zero failures, zero waste, through all operators' involvement.

Agenda classroom days (or via web):

DAY 1: OEE
DAY 2: TPM - Part 1
DAY 3: TPM - Part 2
DAY 4: Support tools
DAY 5: Operational Follow-up

The complete training course consists of 4 days plus 1 coaching on application in the company to be planned on the basis of the time progress of practical activities.

«TPM Practioner» certification will be issued at the end of the course.

Timetable and procedures are to be agreed with the course participants.

About the trainer:

Andrea Greco. Senior professional with extensive international experience in continuous process improvement, operational management, in monitoring and leading company KPI's and customer service levels.
Active in Lean Six-Sigma since 2003, Master Black Belt and "BQF Licensed Assessor, Master Trainer & coach".

Main topics:

OEE
- three macrofamilies of loss, six great losses
- fault definition and datasheet
- set-up definition
- minor stops definition
- speed losses definition
- discards at the start-up
- reworking and scraps
- Availability
- Performance
- Quality
- Overall Equipment Effectiveness

TPM
- Benefits, principles, goals
- Pillars, Pillar leader
- Continuous improvement
- Self maintenance
- Scheduled maintenance
- Predictive maintenance
- Preventive management of equipment
- Quality
- Education and training
- Safety, Health, Environment
- 12 steps of implementation
- Root cause analysis
- Action deployment
- Action plan and follow-up

STRUMENTI DI SUPPORTO
- 5S
- Visual management and control
- SMED
- Lock-Out Tag-Out
- Poka Yoke

PRACTICAL EXAMPLES AND APPLICATIONS

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