

# TPM & AUTONOMOUS MAINTENANCE

FOR PLANT & MACHINE OPERATORS FROM THE MANUFACTURING AND CONSTRUCTION INDUSTRIES

1-day course: 3 November 2011 - Malta Enterprise - Malta

## COURSE TIMETABLE

- **World Class Manufacturing:** the scenario.
- **Value Adding Management** in the manufacturing industry: the pilot light and the driving Lean philosophy for the new millennium.

### TOTAL PRODUCTIVE MAINTENANCE

- **Total Productive Maintenance:** the world-class discipline that fights to death all equipment-related losses: overview.
- Understanding the *6 Big Equipment Losses*.
- *Workplace Management (5S)* under the TPM angle of view.

### AUTONOMOUS MAINTENANCE

- TPM's heart: **Autonomous Maintenance** performed by Machine Operators.
- *Cleaning, Lubricating, Bolting:* the starting point. *Intelligent Cleaning*, or Machine Cleaning using the 5 senses.
- The *Continuous Inspection* approach: Operators = Human Sensors and Detectors of deterioration, abnormalities and malfunctions. Hints and tips. Continuous *Deterioration* detection and assessment.

### RELATIONSHIP BETWEEN MAINTENANCE AND PRODUCTION

- New relationship between Production and Maintenance: the targets for the two departments for smooth integration. Assisting Maintenance personnel in large maintenance operations, scheduled maintenance activities, effecting minor repairs. The final, medium-term result: knowledgeable Operators, understanding better how their equipment operate and should be cared for.

### MODERN TPM AND LEAN MAINTENANCE

- *Maintainability Improvement* activities conceived and performed jointly by maintenance technicians and operators.
- Fighting *Quality Defectiveness:* principles of *Root-Cause Analysis* and *Mistake-Proofing (Poka-Yoke)*. Practical exercising.
- **Lean Maintenance** and **Lean Operations** – overview. Where does **waste** hide, how to detect it, how to eliminate it.

For further, comprehensive details, please visit  
<http://www.scodanibbio.com/malta2011/>