



Confederation of Indian Industry



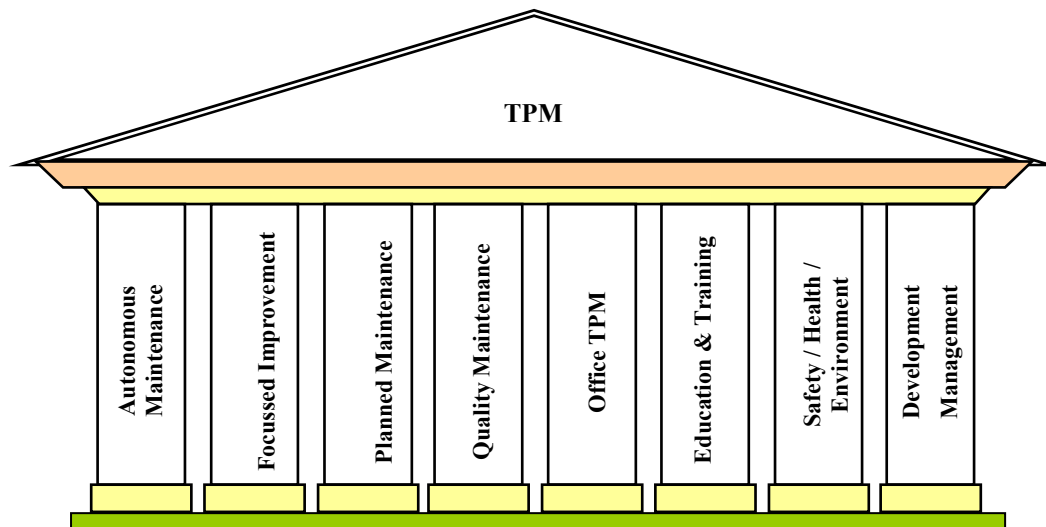
Total Productive Maintenance
An indispensable strategy for World Class Operations
JIPM is the originator and key proponent of TPM since 1971

Seminar On

DEVELOPING EQUIPMENT COMPETENT OPERATOR

Step 4 Jishu Hozen (Autonomous Maintenance)

30—31 January, 2012 Hotel Sun-N-Sand, Pune



Autonomous Maintenance is the most important pillar in TPM Journey. It can be considered as the pillar which transforms the shop floor into a **very neat, clean, visible and pleasant place to work**.

The activities of the **FIRST 3 steps** (Initial Cleaning, Countermeasures against Sources of contamination & preparing and adhering to tentative standards) lead the shop floor becoming neat, clean, visible and pleasant.

The **FOURTH step** is the one which literally develops the operator into a very competent person (**Equipment Competent Operator**) to maintain or sustain the level of activities carried out in the first 3 steps and to take the machine to a higher level of maintenance activities. Through the implementation of this step, the operator literally becomes a quasi maintenance man. The topics of training considered in this step fall under the following sub-systems of the machines:

- ☞ **Fasteners – nuts and bolts**
- ☞ **Hydraulic system**
- ☞ **Pneumatic system**
- ☞ **Electrical system**
- ☞ **Drive system**

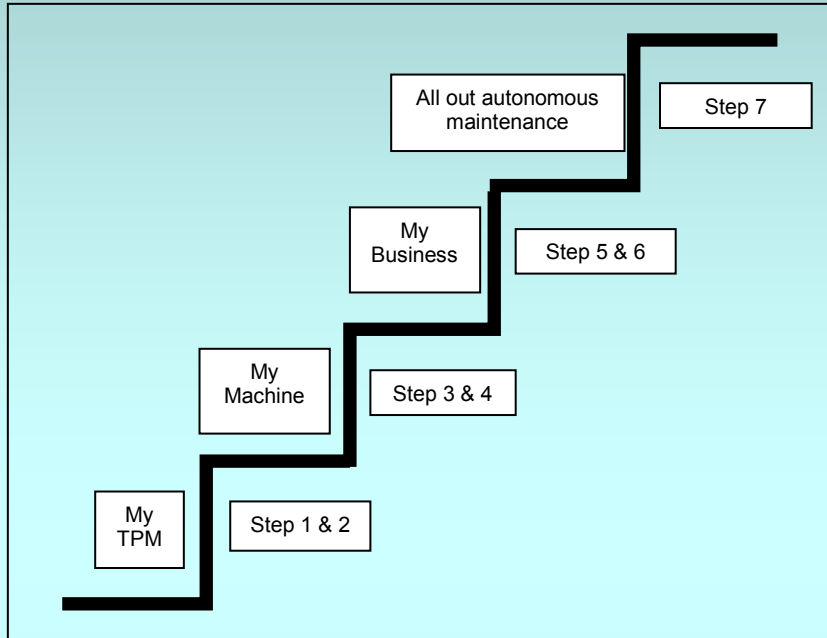
The importance of this step can further be understood from the fact that it has been made as a necessary criteria for completion to challenge the TPM Awards.

TARGET Audience:

Seminar is designed for Functional Heads, Senior Managers & Managers from Manufacturing, Quality, Purchase and Stores, Purchase, Accounts, Marketing & Warehouse, HRD & Personnel functions from the industries

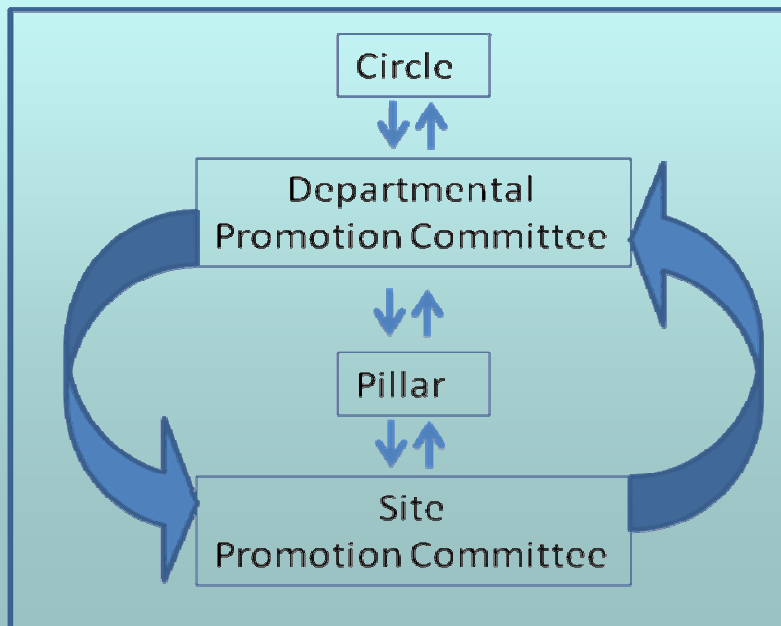
The Benefits:

This seminar would cover basics of TPM, first 3 steps of Autonomous Maintenance and a detailed understanding of the requirements of step 4. The participants are expected to gain knowledge which when implemented in their companies, will lead to **better machine utilization** i.e., reduction of breakdowns and defects along with development of operators who are equipment competent or quasi maintenance person. This leads to the reduced dependency of the maintenance personnel for smaller level of maintenance activities. While operators are equipped to take care of the basic conditions of the machine, maintenance personnel can now concentrate on the higher level of maintenance activities such as TBM, CBM etc. Above all, when the operator started owning the activities, the sustenance of the achieved results becomes easier.



TOP DOWN BOTTOM UP APPROACH

Up to Step 3, the activities, analysis & improvements are drawn from the top only. In Step 4, problem identification analysis & activities will start from bottom level (JH Circle)



Faculty Profile

Mr P M Janagiraman **Senior Counsellor** **TPM CLUB INDIA**

Mr. P. M. Janagiraman is having 23 years of Industrial experience.

16 years with TTK LIG Ltd. He was the TPM Secretariat and also headed Manufacturing. As TPM Secretariat, he was the co-coordinator for TPM Implementation activities in TTK LIG Ltd, VIRUDHUNAGAR. He extended TPM implementation in Pondicherry plant as a vertical startup plant. Virudhnagar Plant successfully challenged 3 levels of award during his period as the TPM Secretariat.

He has delivered many guest lectures on different aspects of TPM organized at different centers across India by CII—TPM Club India. He has won the Global Innovation Award by SSL International—London U.K in 2004. He is the recipient of JIPM TPM Consistency award for TTK LIG limited for the year 2005.

Presently he is working with TPM CLUB INDIA, CII as TPM Counsellor.

He has rich knowledge of TPM Subject as well as implementation of the same for over 14 years.

He is presently providing consultancy to

1. Wheel India Limited, Padi
2. Carborundum Universal 4 Plants (Chennai, Hosur, MM Nagar and Sriperumbudur)
3. Delphi TVS Oragadam Plant
4. Hyderabad Industries Ltd, 5 Plants (Hydrabad, Vijayawada, Chennai, Faridabad and Wada)
5. Pidilite Industries Ltd, 4 Plants (Mahad, Taloja and Gujarat)
6. Raychem RPG Ltd, 3 plants (Vasai, Kaman and Chakan)
7. Sterlite Industries Limited, Tuticorin.
8. Fenner India Ltd—2 Plants. (Hydrabad & Madurai)

He is presently providing consultancy to Tata Motors, CVBU, Hindustan Zinc Ltd, Jaipur, QH Talbros, YKK India, Ucal Fuel Systems, Carbone Lorraine, Marico, e.t.c.

Apart from regular consultancy on TPM, he is also giving special consultancy for the companies going for the JIPM award.

He also conducts both in house and open training programmes and workshops on TPM practices.

Apart from consultancy on TPM, he also conducts training programmes on TPM practices. Under his consultancy, three of his companies have won the TPM Excellence award in the year 2010.



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REGISTRATION FORM

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We nominate the following persons to attend:

Table with 4 columns: S. No., Name, Designation, Mobile No / Email. Rows 01 to 04 with dotted lines for input.

Table with 4 columns: Category, Fee per participant, Service tax @ 10.30%, Total fee payable. Rows: Large & Medium Member, SSI Member, Non-Member.

- 3 or more delegate from single company would be entitled for 10% discount on the total fee payable
Participation fee is non-refundable / non – adjustable against any other programme of CII, however change in nomination's) is acceptable

Enclosed please find a Cheque / Demand Draft No. on (Bank) dated for ` drawn in favour of "CII Institute of Quality" payable at Bangalore towards the Delegate's) fee and courier to the above address.

Nominator Name:

Designation:

Company:

Address:

Tel No.: Fax No.

E – Mail: