

Abdul Wadood  
Principal Counsellor & Head – TPM

Dear Member,

## **3M Competition**

28-29 January 2019: Bengaluru

### **Call for KAIZENS**

The economy of India is growing but at the same time, is facing tough situation to sustain it at the Global level. As one of the most essential industries, manufacturing industry must be more competitive than ever before. Due to the current global economic uncertainties and slowdown, the need for continuous waste elimination or reduction has become the DNA to survive in Global market.

The practice of eliminating waste to achieve high performance production & enhancing competitiveness has gained much attention around the world. To set up for future growth and to realize high quality and low cost production performance, many companies in India are also applying MUDA, MURA and MURI concept under the banner of TQM, TPS or Lean Practices to achieve this. As a result many companies in India are moving towards Lean Manufacturing.

CII – Institute of Quality, which is the Pioneer Centre of Excellence, is the leading authority in Quality Enhancement for India Inc. Over the past century, CII has provided India Inc with support, systems and tools to make a mark in the competitive world. It is realized that the best way to enhance an organization's competitiveness is through the Quality route. What started as the Total Quality Management Division (TQMD) of CII in the mid-eighties, has now evolved as CII Institute of Quality. As a champion of the Quality movement, CII-IQ is powered by the responsibility of enriching the lives of its members, improving their workplaces and making the world at large, a better place by applying quality tools, techniques and systems.

Good Practices are shared through various Seminars, Conferences and domestic and international missions. Outstanding organizations are recognized through the CII-EXIM Bank Award for Business Excellence, Six Sigma Award, TPM Best Kaizen Award, TPM Kaizen Championship Trophy and TPM Circle Competition Trophy.

To add with another avenue to showcase and share the best practices deployed in Indian Industry to remain competitive on Global level, CII – Institute of Quality is launching the Second Edition of Competition on MUDA, MURA & MURI - **"3M COMPETITION"**.

### **The Competition**

3M Competition includes the improvements carried out across the organization by different departments as well as persons from different levels making it unique by adding Value and eliminating non-value adding activity, to reduce lead time and increase throughput of the product or service to improve business condition. The presentation topics for competition will be in following categories:

MUDA	MURA	MURI
Non-value work or operations. It includes 7 types of Muda.	Working under uncontrolled fluctuations, unevenness or imbalance.  8. Eliminating unevenness or irregularities in the production line among different Man/ Machine or process .Creating JIT concept.	Means working in unnatural conditions, overburden, working under strain. It can be for both Man or Machine.  9. A person, who in working in extreme conditions caused due to excess noise, temperature, fumes etc., experience Muri /burden. Muri (overburden) on equipment means machines that are operating over its safe limits or set performance limits. Overloading, abuse, poor maintenance etc., causes Muri.
1.MUDA of Overproduction		
2.MUDA of Stock		
3.MUDA of Conveyance (Transport)		
4.MUDA of Waiting		
5.MUDA of Operation Itself		
6.MUDA of Movement of Worker		
7.MUDA of Production of Inferior goods		

The categories have been strategically considered at the 3M Competition, so that all Types of Companies and all level of employees in the organization namely, operators, middle management and senior management are covered and can showcase their best activities and compete.

### Call for Papers:

- The 5<sup>th</sup> edition of 3M Competition would showcase 3M Kaizens successfully implemented during the year 2018 and 2019.
- This letter is a call for paper for 3M Competition being organized during January 2019 in Bengaluru.
- This Competition is broadly categorized to compete under **OEM (Original Equipment Manufacturers) & Non-OEMs separately.**
- Last date to submit the 3M Kaizens is **21<sup>st</sup> Jan 2019.**
- Nominations are being invited from companies to compete at the 3M Competition.
- The Winners of this Competition will take part in Champions' Trophy 2019.
- Panel of Judges will evaluate Kaizens nominated & selected Kaizen(s) should be presented at the Competition.
- Categories can be merged if nominations are less in number.
- The TPM Club India has all rights to take the final decisions with regards to number of trophies & final assessments.

### Scrutiny of Entries:

For this competition, there would be scrutiny of kaizens that would be nominated by the companies to maintain a high level of competition. Some of the possible reasons for the rejection of kaizens could be for the following at the securitization stage.

- Topics - not as per annexure 1
- The Kaizen topic and the presentation topic should be same
- If Kaizen theme and the content of Kaizen are different
- Inadequate information in Kaizen sheet
- If Standard Kaizen sheet format - not followed

## Criteria for nomination:

Please use the following criteria for the nomination of kaizens from the company. **The suggested topics are given in the Annexure 1**

Kaizen Category	Criteria for nomination
MUDA	<p>Kaizens implemented to eliminate or reduce Waste throughout the Manufacturing supply chain (Supplier, Own Manufacturing and Customer). Generally the theme is one, whereas the number of kaizens done to achieve the theme would be many at different areas of Supply chain</p> <ol style="list-style-type: none"><li>1.MUDA of Overproduction</li><li>2.MUDA of Stock</li><li>3.MUDA of Conveyance (Transport)</li><li>4.MUDA of Waiting</li><li>5.MUDA of Operation Itself</li><li>6.MUDA of Movement of Worker</li><li>7.MUDA of Production of Inferior goods</li></ol>
MURI	<p>Kaizens in this category would cover the improvement done to create easy Work Flow, eliminate repeatable process steps, human work and machine processes.</p> <p><b>8. Implementing 6S, Standard work and using Jidoka principles to eliminate or reduce Muri. 6S (Safety, Sort, Straighten, Sweep, Standardize &amp; Sustain) Rational methods to get there, <a href="#">Takt time</a> or reasonable lengths of time and endurance allowed for a process.</b></p>
MURA	<p>Kaizens in this category would cover the improvement done to eliminate or reduce unbalance or variance in Process like Production leveling in production planning(Heijunka and Kanban),</p> <p>9.Building Flow at production-level(JIT), standard work and 6S on workstation level and at the level of production design, the variation between products is minimized. Understanding the root cause of the problem through analysis, action taken and results achieved along with other benefits, that had been achieved.</p>

## Entry Fee:

### Large Companies (Turnover more than 100 crore/annum):

There is an Entry fee of **Rs. 17,500/- + GST for CII / TPM Club Member & Rs. 18,500/- + GST for Non TPM Club Members** for each selected Kaizen paper to be presented. There would be 2 speaker per kaizen on complimentary basis. If additional delegates are nominated by the presenting company, the discounted fee would be **Rs. 7,000/- per person + GST**

### Small & Medium Companies (Turnover less than 100 crore/annum):

There is an Entry fee of **Rs. 10,000/- GST** for each selected Kaizen paper to be presented. There would be 2 speaker per kaizen on complimentary basis. If additional delegates are nominated by the presenting company, the discounted fee would be **Rs. 5,000/- per person + service tax.**

**Last date to submit Papers**

**The Kaizen papers should reach us before 21<sup>st</sup> Jan 2019.** Please follow the standard Kaizen format (Excel Sheet) enclosed.

Best regards,

Yours sincerely,

Abdul Wadood