



ABSTRACT

The research highlights the contributions of various **“Total Productive Maintenance”** (TPM) implementation initiatives for accruing strategic benefits for meeting the challenges. An effective TPM implementation can focus on addressing the organization’s maintenance related problems, with a view to optimize equipment performance. In the highly competitive scenario, TPM might prove to be the best proactive strategic initiatives that can lead the organizations to new levels of achievements and could really make the difference between success and failure.

The research validates the application of strategic TPM initiatives to Sri Lankan organizations as a strategy for realization of organizational objectives in a successful approach. The study clearly reveals that the successful TPM implementation can facilitate the organization’s mission for achieving enhanced manufacturing performance leading to competitive advantage.

Based on the research implementing TPM in an atmosphere such as in Sri Lanka is more than likely to experience resistance to change. In such situations, it is important that the organization first develops a strong leadership and a communication strategy that could handle these issues and ensure a smoother implementation.

The conclusion of the research was that the original eight pillar TPM model needs to be modified to suit the Sri Lankan context. Hence a modified five pillar model was developed based on the research findings. The base of the modified model is also changed to Leadership followed by Communication in view of managing IR issues that can come up during the implementation phase. Three of the five pillars which are recommended to be implemented initially are also focused mainly on people related areas namely IR, Training & Education and Safety & Health due to the reason outlined above.

It is only after organization has built the confidence and trust of employees towards the TPM that they should roll out the rest of the pillars on autonomous maintenance and planned maintenance.

A clear outcome of the research is that the TPM is a people driven system. Therefore implementation and sustainability of the TPM will heavily depend on how an organization manages and obtains the support of the people at grass root level.

There is no doubt that the TPM works, when properly implemented. Now it is your opportunity to do it right at the first time and consistently.