TOOLING MANAGEMENT: A STRONG TPM PILLAR

Ashutosh Kolhatkar[1] & Anand Pandey[2]

[1]Research Scholar, Symbiosis International (Deemed University), Lavale, Pune, Maharashtra, India

[2]HOD, SIT, Symbiosis International (Deemed University), Lavale, Pune, Maharashtra, India

ABSTRACT

In order to achieve manufacturing excellence through the Total Productive Maintenance (TPM) initiative, various aspects must be considered in order to improve the effectiveness of the tooling division and make it a major strength of the organization. The paper reviews the literature of various authors on the subject of TPM implementation approaches, pillar structures, and success enablers and barriers. It evaluates a captive tool room in India to classify the scenario observed within the organisation in view of TPM implementation. Based on the specific role of the tool room in developing new tooling or the tool maintenance function, it follows an approach of either Early Management, Planned Maintenance, or the Focused Improvement Pillars of TPM. Whereas, organisations having both these roles do not give enough justice to tooling functions when attached to any one of these pillars. The paper illustrates and specifies the various aspects to be considered under the purview of the tool room. The study provides guidance to organisations that are unsure whether to follow standard TPM practise or develop a separate pillar for tooling management in light of organisational structure, technological advantage, and long-term growth. The approach of the TPM strategy will help enhance organisational sustained performance and will give the Indian industry a competitive edge in the challenging market.

KEYWORDS: *Total productive maintenance, tooling management, Indian Industry, TPM pillars*