



PROJECT NOTIFICATION

Reference No.: 163

Date of Issue	13 July 2023
Project Code	23-CL-27-GE-TRC-A
Title	Training Course on Total Productive Maintenance for SMEs
Timing	30 October 2023–3 November 2023
Hosting Country(ies)	Bangladesh
Venue City(ies)	Dhaka
Modality	Face-to-face
Implementing Organization(s)	National Productivity Organisation, Bangladesh
Participating Country(ies)	All Member Countries
Overseas Participants	19
Local Participants	6
Closing Date	1 September 2023
Remarks	Not Applicable

Objectives	Understand the applications of total productive maintenance (TPM) tools and techniques; incorporate advanced technologies of Industry 4.0 into TPM; learn about the implementation of TPM and digitalization; and guide SMEs in applying TPM methods for productivity enhancement.
Rationale	As SMEs attempt to recover postpandemic, this training course will explain TPM tools and methods in the context of Industry 4.0 adoption. It will bolster not only the resilience and productive capabilities of individual SMEs but also national productivity levels and employment opportunities, to which SMEs contribute substantially.
Background	<p>SMEs are the engines of growth and innovation globally, accounting for 99% of all businesses and employing over 60% of the workforce. However, a study conducted by the WEF in December 2022 showed that 67% of SMEs found adopting digital transformation their top challenge. Hence, continued support is vital to ensure that SMEs are provided the opportunities and options to stay resilient and grow.</p> <p>TPM is a powerful management technique to empower SMEs as it focuses on comprehensive, continuous optimization of production and maintenance with the direct participation of the entire workforce. It is timely to revisit this method and explore its possible integration into current digital transformation initiatives.</p> <p>This training course will provide comprehensive, practical knowledge on TPM techniques and systematic methods for implementation in SMEs as well as discuss how TPM can be integrated with digital manufacturing.</p>
Topics	Introduction to TPM; Concepts and eight pillars of TPM; Steps for TPM implementation; Case studies of TPM applications in SMEs; and Applications of TPM in digital manufacturing.
Outcome	Participants understand how to adopt TPM in combination with digital manufacturing, and the productivity of manufacturing SMEs is improved.
Qualifications	SME CEOs, representatives of businesses and industry associations, and trainers and consultants specializing in production and maintenance management in the manufacturing sector.

Please refer to the implementation procedures circulated with this document for further details.



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Secretary-General