

SURFACE GRINDING TECHNOLOGY



COURSE OVERVIEW

This course is offered to participants with the aim to strengthen fundamental knowledge in metal working; specifically in finishing processes. Surface Grinding is part of the early and/or final step in metalworking activities, where emphasis on surface quality and dimensional accuracy is important. In addition, the science of material of the grinding abrasives is explained to give better selection criteria in machining process. This will indirectly improve worker's productivity and reduce costs in manufacturing.

COURSE OBJECTIVES

Upon completion of this course, participants will be able to :

- Explain the basic feature and principle of a conventional grinding machine processes and operations.
- Perform basic surface grinding processes and operations according to the given dimensions, specifications and tolerances.
- Practice and observe safety rules and precaution with respect to using grinding machine.

THE UNIQUENESS OF THIS COURSE

- The training approach is based on demonstration and hands on exercises.
- Experienced trainers in the field to provide skills and knowledge in surface grinding technology.

WHO SHOULD ATTEND

This course is designed to those who are related in the metal machining operation.

Target Group: Machinist, Designer, Tooling Technician, Technicians and Technical trainers.

KEY TOPICS

- Safety Rules and Regulations
- Grinding Machine types
- Grinding Process
- Grinding Wheel Balancing
- Wheel Dressing Technique
- Mounting Devices
- Grinding Wheel Construction
- Grinding Defects
- Material Science-Abrasives
- Practical Work

METHODOLOGY

Lectures, discussions, exercises & practical applications.

COURSE DURATION

3 Days

PRE-REQUISITE

Minimum have completed SPM/SPMV

CERTIFICATION

Certificate of attendance will be issued to those who fulfill 80% of attendance.

For further details, please contact:

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