



Skills Evaluation Test Level 2

Advance Mechanical Maintenance

Practical Refresher Course

Programme Objective:

To provide participants with the skills and knowledge in installing, maintaining, troubleshooting and overhauling of various mechanical production machines and industrial equipment in a factory or process plant.

Module 1 (Turning)

To interpret engineering blueprint drawings, turn components safely using lathe to achieve a linear dimensional accuracy up to class IT11, and angular dimensional accuracy of $\pm 30^\circ$ and a surface Roughness between 1.6 o 3.2 microns.

Module 2 (Electro Hydraulics & Pneumatics)

To install, maintain and troubleshoot electro-hydraulic and electro-pneumatic systems in plant machinery and auxiliary equipment.

Module 3 (Machinery & Electrical Maintenance)

To maintain, troubleshoot and repair machinery, equipment and electrical accessories, connect up simple electrical circuits and carry out a planned maintenance programme.

Module 4 (Plant Equipment & Maintenance)

To install, maintain, troubleshoot and repair air compressor system, mechanical conveyor system and industrial fluid pumps.

Course Duration: 120 Hours

Course Fees: \$1300/- (inclusive GST)

Test Fee: \$600/- (inclusive GST)