



INSTITUTE OF MATERIAL, MALAYSIA

IMM Rotating Equipment Training Course

Reciprocating Compressors: Operations, Maintenance, Inspection and Troubleshooting Course

Code: RCOM

HRDF claimable

Most process plants will require compressing process where compressors are installed to play this role. Reciprocating compressors are normally classified as critical equipment to these process plants, thus is important to acquire the knowledge related to the operation and maintenance of reciprocating compressors to ensure smooth running and avoid unnecessary production loss due to failure of reciprocating compressor operation.

Reference standards (reference used shall refer to the latest published document):

- TBA

Who should attend

Engineers, supervisors and inspectors

Objectives

- To provide a strong fundamental and practical knowledge of reciprocating compressors of its major parts and its operational aspects.
- To understand how to carry out maintenance and inspection of reciprocating compressor in the industry.
- To understand troubleshooting techniques for typical problems related to reciprocating compressors.

Course topics

- Fundamental of reciprocating compressor
- Major components of reciprocating compressors
- Auxiliaries
- Comparison of pulsation suppression devices
- Inspection & maintenance of reciprocating compressors
- Continue of overhaul activities
- Troubleshooting techniques on typical problems

Course duration

3 days

Pre-requisite(s)

No previous working experience is required.

Certificate awarded

Certificate of attendance