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Electrical Maintenance Planning and Scheduling

ABOUT THIS COURSE

It is estimated that electrical motors and other rotating equipment use about 50% of the total electrical energy consumed in the world today. The cost of maintaining electrical motors can be a significant amount in the budget item of manufacturing and mining industries. This course will give you a thorough understanding of electrical motors' working, maintenance and failure modes and provide you with the tools to maintain and troubleshoot electrical motors. You will gain an understanding of the installation, operation and troubleshooting of electric motors. Typical applications of electric motors in mining, manufacturing, materials handling and process control will be covered in detail. You will also learn the basic steps in specifying, installing, wiring and commissioning motors. The concluding section of the course will provide you with the fundamental tools in troubleshooting motors confidently and effectively.

OBJECTIVES

- Understand AC & DC motor operation and construction
- Specify, select and install motors
- Specify protection requirements for motors
- Install and commission motors
- Fix faults on motors
- Interpret motor performance curves
- Interface control circuits of motors with PLCs/DCSs
- Reduce downtime on electrical motors
- Improve plant safety
- Improve plant throughput
- Reduce your spares usage and requirement

WHO SHOULD ATTEND

- Plant Engineers Operations Personnel
- Electrical Maintenance Technicians
- Mechanical Engineers Service & Maintenance Technicians
- Electrical Maintenance Supervisors

LOCATION

Malaysia

DURATION

5 days