Planning & Implementation of Preventive Maintenance for Electrical Equipment

TE159

Course Overview:

This seminar teaches common-sense electrical troubleshooting techniques so participants can keep their equipment up and running. Basic electrical troubleshooting training also includes learning how to protect workers from injury. Unlike other electrical courses, this seminar provides focused hands-on training based on our analysis of the average maintenance technician, chosen specifically to address some of the more commonly performed electrical troubleshooting tasks.

Course Objective:

·Identify common causes of electrical failure
·Coordinate effective PM scheduling
·Establish routine testing procedures
·Apply PM strategies & techniques such as RCM, TPM and Root Cause Failure Analysis
·Interpret results of Infrared Testing
·Safely conduct electrical maintenance

Course Outline:

-INTRODUCTION TO MAINTENANCE
-DEFINITIONS OF RELIABILITY, MAINTENANCE & ASSET MANAGEMENT
-PREDICTIVE MAINTENANCE
-PROACTIVE MAINTENANCE
-PREDICTIVE MAINTENANCE & CONDITION MONITORING
-ELECTRICAL TESTING METHODS
-OVERALL EQUIPMENT EFFICIENCY
-BASICS OF PLANNING
-MAINTENANCE PLANNING & SCHEDULING
-POWER QUALITY

Who Should Attend:

This seminar is designed for anyone who needs to sharpen their electrical troubleshooting skills in order to increase efficiencies and uptime at their industrial plant or building facility. If you work with electrical equipment and systems at industrial plants, commercial building, or private facilities, whether as general maintenance personnel, in cross-training programs, an electrician, or an engineer, you will find this course extremely useful

Training Language:

EN

Training Methodology:

-Presentation & Slides
-Audio Visual Aids
-Interactive Discussion
-Participatory Exercise
-Action Learning
-Class Activities
-Case Studies
-Workshops
-Simulation