€TRAINING

Maintenance Data Collection and Planning Best Practices

Maintenance Data Collection and Planning Best Practices

Introduction:

This training program is designed to equip participants with the skills and knowledge necessary to optimize maintenance processes through effective data collection, knowledge management, and strategic planning. It empowers them to implement practices that improve maintenance outcomes and organizational performance.

Program Objectives:

By the end of this program, participants will be able to:

- Understand the principles and importance of data collection in maintenance.
- Gain proficiency in knowledge management techniques for maintenance operations.
- Learn strategies for effective maintenance planning and scheduling.
- Develop skills in using data and knowledge to drive maintenance decisions.
- Implement best practices for continuous improvement in maintenance management.

Target Audience:

- Maintenance managers and supervisors.
- Maintenance engineers and planners.
- Data analysts and knowledge management professionals.
- Operations managers and plant engineers.
- Professionals seeking to enhance their skills in maintenance data and planning.

Program Outline:

Unit 1:

Fundamentals of Maintenance Data Collection:

- Importance of Data Collection in Maintenance.
- Types of Maintenance Data: Quantitative and Qualitative.
- Data Collection Methods and Tools.

- Ensuring Data Accuracy and Integrity.
- Key Performance Indicators KPIs for Data-Driven Maintenance.

Unit 2:

Knowledge Management in Maintenance:

- Principles of Knowledge Management.
- Capturing and Storing Maintenance Knowledge.
- Creating a Knowledge-Sharing Culture.
- Tools and Technologies for Knowledge Management.
- Case Studies on Effective Knowledge Management.

Unit 3:

Maintenance Planning and Scheduling:

- Developing Maintenance Plans and Schedules.
- Prioritizing Maintenance Activities.
- Resource Allocation and Management.
- Coordination with Operations and Other Departments.
- Documentation and Record-Keeping Practices.

Unit 4:

Using Data and Knowledge for Maintenance Decisions:

- Data Analysis Techniques for Maintenance.
- Predictive Maintenance Using Data Analytics.
- Decision-Making Based on Data and Knowledge.
- Implementing Data-Driven Maintenance Strategies.
- Monitoring and Evaluating Maintenance Performance.

Unit 5:

Continuous Improvement in Maintenance Management:

- Performance Evaluation and Analysis.
- Root Cause Analysis RCA for Maintenance Issues.
- Implementing Best Practices for Continuous Improvement.
- Training and Development for Maintenance Personnel.
- Future Trends and Innovations in Maintenance Data and Planning.

info@euro-training.net
+447447999485 - +447492882996