Operivo

Two-days training

Modern Maintenance Management

Description of the training:

Modern maintenance is no longer about "fixing breakdowns". It is the management of risk, data and strategy in such a way that the results of the maintenance are predictable and linked to business goals

This 2-day workshop combines maintenance, reliability, technical asset management, elements of digitalization (CMMS/EAM) and analytics. Participants will learn how to move from reactive firefighting to proactive maintenance management based on criticality, data, and a clear decision-making model. The program is based on real industrial cases, group exercises and practical Operivo tools for immediate application. The workshop organizes the "language and rules of the game" between maintenance, production and finance. It suggests how to define priorities, how to measure KPIs, how to build a preventive plan; how to avoid bureaucracy and how to implement change so that the improvement is sustainable. The result is a structure of actions: what to do, in what order, and how to reduce common mistakes that cause a return to old habits.

Framework training program – 2 days

MODULE 1: Maintenance as a Business Risk

- Moving from a "cost centre" to a function of strategic and measurable value for the business
- Impact of downtime, health and safety incidents and poor condition of facilities on the bottom line
- Linking maintenance objectives to operational and financial objectives
- How to define maintenance priorities to avoid "dispute about the importance of failures"

MODULE 2: Asset Strategy and Cost Control

- Building a maintenance strategy tailored to the plant (RCM/TPM/RBM, when it makes sense)
- OPEX vs CAPEX decisions: when to repair, when to replace, when to upgrade
- Life Cycle Cost and TCO as a Decision Tool
- How to reduce the "invisible costs" of maintenance (production losses, quality, safety)

MODULE 3: Digital Backbone: CMMS/EAM and Data

- How to use CMMS/EAM to manage maintenance, not just "event logging"
- Data collection policies and data hygiene, integrity and completeness, which is critical for decisions
- The most common mistakes in maintenance data that mess-up KPIs, planning, and budget

MODULE 4: Risk Management and Criticality

- Identification of critical objects and their modes of failure
- Risk assessment methods – what to choose and how to conduct it in practice
- Construction of a risk matrix and risk reduction plans (mitigation)
- How to translate criticality into PM priorities and budget

MODULE 5: AI and predictive maintenance

- What does AI really mean in maintenance, strength and threats (without marketing, from the perspective of implementation)
- Condition monitoring and predictive analytics, where it works and where it doesn't
- Application examples and conclusions from industrial case studies
- Conditions for success: data, competences, process of responding to signals

MODULE 6: Optimizing Preventive Maintenance

- Going beyond "PM every X days" towards a CBM and PdM approach
- Optimization of PM plans and tasks: what to remove, what to simplify, what to strengthen
- Continuous improvement techniques PM (feedback loop)
- How to measure the effectiveness of PM and distinguish between "activity" and "effect"

MODULE 7: Spare Parts, Supply Chain, Outsourcing

- Strategic Parts Management: Criticality, Warehouse Strategies, Rotation, Risk
- Optimize storage and availability of critical components
- End of Life (EOL) and Parts Risk Management
- Outsourcing models in maintenance, is there an optimal one?

MODULE 8: Leadership, culture and change management

- How to build a culture of proactive maintenance
- Communication with stakeholders: finance, operations, production, no conflicts and "priority fights"
- How to build a practical roadmap
- Mechanisms for implementing and maintaining changes: governance, reviews, KPIs, responsibilities

The training is intended for:

- Technical Directors
- Managers and leaders of the University of Agriculture, shift foremen
- Maintenance and Reliability Engineers
- Directors of Production Plants
- Production, health and safety, HR managers
- People responsible for the implementation of standards and strategies

Key benefits

- Examples and tools to implement, not slides "in a drawer"
- Turnkey solutions for maintenance and reliability
- Instructions on how to build a maintennance department, how to talk to stakeholders, production, finance, health and safety, HR
- Tested methods for optimizing Preventive Plans
- Tips on how to optimize spare parts costs and implement effective outsourcing in mainteannce
- Examples of cost analyses in the maintenance with an emphasis on the operationalization of finances
- Analyses of real data from CMMS, EAM systems, and practical use of AI in maintenance

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