WPQM MANUFACTURING

Maintenance Management

Maintenance and asset management

Digitalise, Integrate and Optimise industrial operations

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Maintenance is the first lever on availability. We structure equipment knowledge, then use production data to anticipate failures.

HOW WE WORK

Predictive maintenance is not bought, it is built on clean history. So we start by making work order capture reliable before adding more instrumentation.

MAINTENANCE MANAGEMENT

— CMMS
Equipment hierarchy, maintenance routines, work orders and spare parts management.

— Preventive maintenance
Plans based on the calendar or on usage counters fed back from production.

— Predictive maintenance
Use of weak signals: vibration, temperature, consumption, cycle drift.

— Asset management
Equipment life cycle, total cost of ownership and replace-or-refurbish decisions.

— Failure analysis
Failure history, MTBF and MTTR calculation, root cause analysis.

TYPICAL DELIVERABLES

- Technical hierarchy and equipment coding
- Costed preventive maintenance plan
- MTBF, MTTR and availability indicators
- Roadmap towards predictive maintenance