

MAINTENANCE ENGINEERING TOTAL MAINTENANCE MANAGEMENT IN ONE INTEGRATED SOLUTION



AGR Field Operations provide our clients with a total maintenance management solution in one integrated package. Our solutions ensure improved business integration and overview in a cost-effective way.

This has several benefits such as:

- Reduction of total cost to the owner
- Cross-departmental cost efficiency
- Superior overview and understanding
- Elimination of redundant tasks

QUALITY ASSURANCE

The focus of Quality Assurance (QA) is to treat document handling so efficiently, rules-compliant and safely, that valuable time is freed up for employees to produce real, added value to your core business.

We offer services such as:

- Business Process Consultancy
- Performance Monitoring
- Criticality Evaluation
- Continuous Improvement
- Asset Management
- Failure Analysis
- Specification Management

Business process consultancy

Stages in the Process:

- Feasibility scan
- Analysis and unfreezing
- Sales & development proposal
- Detailed problem analysis
- New design and modelling
- Develop performance measures
- Evaluate options
- Present report recommendations
- Join team to implement changes
- Fine tune and ensure client satisfaction
- Review and evaluation



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Performance monitoring

Improve your operations by measuring and monitoring your performance effectively through ready-to-use systems and tailored reports.

Generate reports from all types of installations, from centralized management analysis on items such as defect management, change request, cause evaluation. For example, benchmarks throughout the site/plant to analyse performance differences, define and implement best practice, improve procedures, specifications and checklists.

Criticality evaluation

A list of critical items is created according to the criticality analyses.

The sudden operational failure of such critical items may result in hazardous situations. A Criticality Analysis helps validate a Maintenance Plan. Owner's Maintenance Plan is adjusted according to criticality analysis findings.

The purpose is to rank equipment in classes to give guidelines to:

- Establishing/optimizing of PM-programs
- Priority of work orders
- Choosing of spare parts
- Requirements to technical documentation
- Analyses in maintenance projecting

Continuous improvement

The continuous improvement process should be driven from the top, but implemented from the bottom. The selection of improvement projects needs a sharp focus.

RCM is basically a decision logic, starting with identifying the functional significant items. Quantifying the consequence of failures and then judging the necessity of performing a maintenance task are the next steps. A well proven method used for establishing a maintenance program.

Asset management

Stock optimization is used to reduce spare part and maintenance cost without reducing safety and performance.

To increase profitability through optimization of managing spare part solutions in order to better predict the needs. Maintaining control with maintenance activities and cost while making Life Cycle Cost analysis on new and existing investments.

Failure analysis

Failure analysis is a structured way to find root causes.

To provide:

- a structured way to report the indications and causes of an asset's failure to perform
- input to the reliability or continuous improvement process
- structured failure reports regardless of maintenance strategy
- a connection/structure for identification and documentation of maintenance system non-conformities

Specification management

The first and most important relationship between maintenance objectives is the relationship between the specification objectives, the asset objectives and the planned job objectives.

In the context of maintenance, the specification describes a body of work that might be done. Typically it is a step by step textual procedure on how to do a particular job. The actual equipment to which the job may be applied is not mentioned. The scheduling method and frequency are not included in the Specification management. Images and external documents may be included. The Specification has other attributes that apply only in the context of project management.

KNOWLEDGE CENTER

Choosing our solutions and expertise should ensure improved business as well as the benefits pointed out initially in this paper.

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