



Maintenance Master Data Reports

Asset Management Suite



MAINTENANCE MASTER DATA REPORT PACKAGE

At Marlanda, we develop site-specific, customised reporting solutions aligned to each operation's unique requirements, maturity, and performance targets. Our reports are built using industry best practice and tailored to site processes and systems. We define practical, meaningful metrics to support decision-making. Reporting can be delivered through Power BI interactive dashboards, Excel-based reports, or embedded ERP BI tools.

THE IMPORTANCE OF MASTER DATA

Maintenance Master Data underpins effective maintenance by ensuring asset, equipment, and maintenance data is accurate and complete, enabling informed planning and reducing unplanned downtime.

INDUSTRY BEST PRACTICE REPORTS

- 01** Equipment Data Completeness
- 02** Maintenance Strategy Coverage
- 03** BOM Report



01. EQUIPMENT DATA COMPLETENESS

Why it matters

Equipment Data Completeness ensures critical asset information is complete and reliable, enabling accurate planning, reporting, and maintenance decision-making.

INFORMING DECISIONS FOR



Maintenance Planners



Reliability Engineer



Master Data Team

Logic

% of equipment records with all required fields completed (e.g. asset hierarchy, criticality, location, attributes).

Example target: High completeness. ≥ 95 -100% of required fields populated

Site inputs

- Required data fields (standards)
- Completeness targets

Common causes of poor performance

- Lack of data standards and governance
- Inconsistent data entry practices
- Missing ownership of asset data
- Legacy data issues



02. MAINTENANCE STRATEGY COVERAGE

Assets with strategies percentage & strategies with service sheets

Why it matters

Strategy reports ensure assets are supported by defined and structured maintenance strategies, with clear documentation, reducing failure risk and improving reliability.

INFORMING DECISIONS FOR



Maintenance Planners



Reliability Engineer



Master Data Team

Logic

% of assets with maintenance strategies applied

% of strategies with supporting task lists/service sheets

Example Targets:

- 100% of critical assets with strategies
- ≥90-95% with fully developed task lists/service sheets

Site inputs

- Asset register and definitions
- Coverage targets
- Document Linking Process

Common causes of poor performance

- Lack of standardisation across assets
- Limited reliability engineering capacity
- Missing or incomplete maintenance strategies



03. BOM REPORT

Why it matters

Bill of material reporting ensures required materials can be identified and planned for maintenance work, enabling accurate scheduling and reducing delays.

INFORMING DECISIONS FOR



Maintenance Planners



**Procurement & Inventory
Teams**



Reliability Engineer

Logic

% of equipment (typically critical assets) with complete and accurate Bills of Materials linked in the system

Example Target: ≥ 90 -100% completeness for critical equipment BOMs

Site inputs

- Asset criticality definitions
- Completeness targets

Common causes of poor performance

- Missing or incomplete BOMs
- Poor linkage between equipment and materials
- Lack of standardisation



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