



**QUALUTION**

**POWERING ASSET  
PERFORMANCE**

## Qualution was founded to accelerate industry asset performance through effective asset management system solutions and practices.

Our experience shows that when asset management systems and reliability practices are built on practical, quality-driven fundamentals; maintenance professionals are setup to succeed in driving improvement in asset performance.

We have many years of experience in the mining industry as well as working with rail, infrastructure and utility companies understanding their complex problems and offering practical quality solutions in the management of their assets. Our team has great expertise in operational readiness, asset management development and implementation, asset management systems and reliability practices.

### ASSET OPERATIONAL READINESS

Many new assets fail to deliver on expected outcomes when readiness activities have not been completed. Sites need to ensure assets are operationally and maintenance ready to deliver on business objectives during their transition to operations. Without a structured approach to asset operational readiness, a prolonged deficit in nameplate productivity can occur due to: no maintenance strategy, lack of asset information and documentation, lack of critical spares and stocking, no technical upskilling, incorrect tooling or poor asset master data to name a few.

We can support you in providing the following services:

- ✔ Maintenance strategy and tactics
- ✔ Technical and service documentation
- ✔ Material cataloguing and component spares analysis
- ✔ Completion of CMMS upload sheets
- ✔ Asset Master Data build
- ✔ Life cycle costing & budgeting
- ✔ Asset Management Plans
- ✔ Project Management of asset onboarding process

The benefits received from these services include:

- ✔ A robust life-of-asset strategy and lifecycle plan
- ✔ Improved Asset performance
- ✔ Managed asset risk
- ✔ Concise, accurate and executable service sheets
- ✔ Accurate asset master data
- ✔ Accurate forecasting for life cycle budgeting
- ✔ Accurate component details and stocking requirements

### ENTERPRISE ASSET MANAGEMENT

An EAM system (such as SAP) that is effectively setup enables more system heavy loading of Asset Management and the employment of the maintenance function. Accurate, standardised and well-structured Asset Management systems and master data ensure that the maintenance function can operate as efficiently as possible. Qualution has a systematic approach to EAM and master data management establishing a balanced approach to maintenance strategy management, maintenance planning and execution effectiveness.

We can support you by providing the following services:

- ✔ Support, Coaching and Guidance of effective EAM systems
- ✔ EAM Maturity assessments
- ✔ EAM Governance
- ✔ Master Data Development & Improvement
- ✔ Toolkit development

The benefits received from these services include:

- ✔ Alignment of systems to Master Data Design and intent
- ✔ Consistent solution focused systems
- ✔ Reduction in manual processing required
- ✔ Standardised datasets for onboarding
- ✔ Reduction in master data errors

### MAINTENANCE RELIABILITY

We have many years of experience in maintenance reliability and can assist in improvement projects as well as provide guidance on its core function. Often reliability departments spend many hours writing reports in reaction to events leading to less time for the proactive managing of the reliability of the assets. This can result in a seemingly never-ending sprint from managing breakdown to breakdown. We can help you gain control of your assets by moving to a proactive maintenance approach through effective asset strategies, reliability practices and execution of work leading to assets that are predictable and reliable in their performance. We have expertise in the core maintenance reliability function, condition monitoring, root cause analysis, defect elimination, maintenance strategy development, FMECA and work management.

We can support you by providing the following services:

- ✔ Reliability functional structure
- ✔ Reliability Engineer support
- ✔ Reliability Improvement Projects
- ✔ Maintenance Strategy Reviews
- ✔ Current State Assessments
- ✔ Shutdown Strategy and Support
- ✔ Execution focused improvement

The benefits received from these services include:

- ✔ Structured maintenance reliability function
- ✔ Control of Assets performance
- ✔ Improved asset reliability and availability
- ✔ Identification of targeted areas of improvement
- ✔ Reduction in breakdown events

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