



Enterprise Asset Management, Reliability, and Industrial Maintenance Consultants Capability Statement

Lifetime Reliability Solutions

Lifetime Reliability Solutions (LRS) are Maintenance, Reliability and Enterprise Asset Management Consultants. We ensure your plant and equipment running and maintenance costs are the lowest.

That means your production equipment is highly reliable, that you eliminate and reduce your operating, safety, and business risks, and you use maintenance as a profit center, so you get the most value from maintenance work for your organization. When we deliver our consulting and training services you get solutions that bring you more operating profits, more production uptime, and ensure your operating assets are outstandingly reliable. You get:

- **Asset management solutions** to master your equipment reliability, make your operating assets more productive and profitable, and reduce both maintenance and operations costs.
- **Maintenance consulting** that brings the best knowledge, techniques, and systems to your company, so you use highly successful solutions that bring lasting benefits.
- **Maintenance training** that covers the best methods and technologies to meet the needs of management, supervisory, technical levels and the workforce in your company.

Powerful Asset Management, Maintenance and Reliability Solutions for Industry

You improve your production by using world-class maintenance and reliability practises. The maintenance, asset management, and reliability solutions you use address your business systems, physical assets and human capital to help you get operational excellence results. Your business continually improves and gains new competitive advantages.

Lifetime Reliability Solutions are Specialist in three areas of enterprise asset management, industrial equipment reliability and maintenance management

1) Maximising Life-Cycle Asset Management Profits.

Highest operating profits come from using enterprise asset management strategies that deliver world-class production performance. Your operation gets best practice industrial asset management, operations and maintenance management strategies for maximum reliability, and least cost production.

We can design and develop fully complying ISO 55001 asset management solutions. We can also assist you establish and use your EAM system in your operating sites. You get fully document asset management strategies and help with their implementation. You get a complete plan, a total 'road map' to world-class results, showing the necessary strategies to apply, the targets to be met, the performance measures to monitor, the action steps required to implement them, the resources, costs and the expected life-time profits generated.

2) Operations and Maintenance Excellence.



Your operation uses the least costly, quickest and easiest ways to maintain your plant and equipment to get highest productivity, reduce costs and lift quality. You get the right answers for zero-failure equipment and world-class maintenance performance with process innovation, team-building, change management, and maximum maintenance efficiency. The improved maintenance and plant performance you get brings low costs, high uptime, and more throughput.

3) Plant and Equipment Failure Prevention.

Defect elimination and failure prevention is the anticipation and avoidance of operating problems. You use solutions with 'right first time' answers so your equipment works as they should every minute of operation. Your organisation proactively prevents risks and costs. You remove root causes and make optimal decisions to get the least business risks and operating costs. Through prevention of failures you maximise profit and stop current and future troubles so that production losses and wastes never occur.

Examples of Enterprise Asset Management and Maintenance Work Done for Clients

- Review, analysis and recommendations at three manufacturing sites for Donhad Pty Ltd on effective asset management processes (engineering, supply chain, maintenance, etc.) to lift its plant availability and solve electrical system problems.
- Operating and Maintenance Asset Management Strategy Review for CSBP fertiliser plant to identify means to lift Plant Availability above 96.5%.
- Investigated BHP Mining Area C maintenance performance on behalf of HWE Mining Contractors to identify underlying causes of frequent process plant breakdowns and recommend solutions to address high rates of failure.
- Performed a review and rewrite of Leighton Contractors maintenance planning and scheduling processes to improve maintenance workflow; developed maintenance work priority risk rating process and optimise work order scheduling.
- Best practices Training provider for Newcrest Mining, Barrick Mining, BHP Billiton Iron Ore, Nickel West, Murrumbidgee Irrigation, Northern Territory Power and Water, in Reliability and Maintenance Management, Total Productive Maintenance, Enterprise Asset Management, Rotating Equipment Reliability, and Pumping and Piping System Reliability.
- Conduct a production plant capacity review and risk analysis of Tom Price High Grade Plant Upgrade for Rio Tinto Pilbara Iron to identify items of equipment that could jeopardize production targets and to develop effective maintenance activities to minimise downtime.

Call Us to Discuss Your Operational and Maintenance Improvement Needs

Contact me on mobile +61 (0) 402731563, or email mike@lifetime-reliability.com and arrange a meeting to discuss your maintenance and operational improvement needs and timeline.

Best regards,

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