

MAINTENANCE ENGINEERING REDEFINED

CRITICALITY ANALYSIS

Our approach prioritizes **Critical Equipment** — you should not be wasting valuable resources on non-critical equipment. With rising costs and mission critical system availability at stake, let us help you identify where your resources should be focused for optimum performance. Our state of the art **Criticality Analysis** approach ensures that nothing is left to chance.

We evaluate the importance of each system or equipment at a functional level. This means that we focus on the mission specific criteria for the asset or system and identify any unmanaged risks. Our approach includes a relative weighting of criteria as defined by you — which includes a definition of the equipment's safety functions. We then work with you to develop an appropriate mitigation strategy, which forms the basis of your maintenance strategy as well as the spares holding strategy.

Planned Maintenance optimization

Inventory optimization

Increased equipment availability

Increased mission time

Efficient use of resources

Efficient data loading options



CORE COMPETENCIES

Maintenance Policies & Philosophies - Maintenance strategy development, review and update

CMMS Implementation - We ensure that the solutions we have prescribed are embedded into your operations through updating your CMMS as required

Regulatory Compliance - Our team is fully conversant with the requirements of the UK regulatory regime. We can review other regulatory regimes based on your requirements

Asset Integrity - We can work with you to develop an optimised Maintenance Management system that is fully compliant with the law

Maintenance Builds - Whether it merely an Asset Register update you require or a full scale maintenance build

Criticality Studies - Remove the waste from your operations. All your efforts should be focused on the most critical aspects of your operations whilst maintaining regulatory compliance

Materials Engineering - Bills of Materials, Critical Spare Parts, Special tools

Safety Critical Element alignment

Asset Integrity Management

Reliability, Availability & Maintainability reviews

Optimised Preventative Maintenance routines

Criticality reviews

Maintenance strategy development, review and update

Maintenance Policies & Philosophies

Asset Hierarchy builds

Spares review

Bills of Materials

Spares classification

Data loading - we can work with most ERM systems

TYPICAL SOLUTIONS

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▶ THE KEYS TO LEAN MAINTENANCE

▶ ROBUST

A robust Criticality Analysis is the basis for any comprehensive Reliability Centered Maintenance Strategy

The balance between equipment availability and reliability can be a tough one to manage; too much preventative maintenance and your availability goes down, and on the other hand too little may result in an increase in corrective maintenance directly affecting your reliability

▶ LEAN

We ensure you are doing the right work and that the work is done right. We work with you to develop comprehensive maintenance that ensure that all relevant details are captured for the Technicians on site. Our holistic approach also ensures that the focus is on what really matters.



▶ OUR IDENTITY

Why Optima?

Established by a core group of oil and gas maintenance professionals who have over 80 years combined experience.

Lean

We are a young company built on a LEAN Philosophy. We believe that we cannot talk about optimising your operations without optimising our own operations. Rest assured that we have eliminated all types of waste from our processes and will continue to ensure that they are not reintroduced. Therefore, all our activities are focused on delivery with minimum waste along the way.

Vast Experience

Our Experts have been working in the Oil & Gas industry particularly within the North Sea for many years in various roles. The first hand experience gained from roles within Operators and Service companies means we are familiar with the common pitfalls that affect project delivery and have worked to eliminate them from our processes.

Cutting Edge Techniques

Our team employs cutting-edge techniques in all our activities. Whether its Criticality Review, Spares Optimisation or Asset Register updates - we ensure that you are aware of the cost-effective solutions that we can deliver. If you are interested in applying Predictive Maintenance and Reliability Centred Maintenance techniques to your operations talk to us today.



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