“RAMS” - increased reliability enhances value

RAMS ENGINEERING ENHANCES RELIABILITY AND SAFETY IN A COST-EFFECTIVE WAY

Did you know that more than 80% of a system’s life cycle costs are determined before its commissioning?

GOAL: RELIABLE, AVAILABLE & SAFE

Industry operators, as well as the general public, are increasingly demanding evidence for higher reliability, availability and safety of systems and products.

Simultaneously the lowest possible life cycle costs need to be achieved - without sacrificing or compromising system performance.

CLIENT ISSUES

Suppliers need to prove that their products meet the required quality criteria, such as reliability and availability. Typical challenges suppliers face:

- How to analyse and evaluate the reliability and availability characteristics of products?
- Providing RAMS evidence in tenders
- Evaluating field experience for validation

Operators need to provide assurance that the installed equipment is reliable, safe and easy to maintain. In addition, there is often a need to improve their existing systems in these key areas. Typical challenges operators face:

- How to improve system performance and achieve cost effectiveness?
- How to prevent and mitigate operational and safety-related risks
- Establish efficient maintenance strategies
- Define requirements for suppliers

YOUR TRusted PARTNER

Clients depend on Pöyry as their trusted partner to overcome these issues together.

Pöyry is one of the world’s leading consulting and engineering companies. We bring expert insight from projects such as the Gotthard Base Tunnel, the world’s longest railway tunnel, and other energy and industrial projects. By connecting our insight and expertise we create smart and sustainable solutions, which take advantage of the latest in digitalisation.

PÖYRY RAMS SERVICES

Pöyry’s RAMS engineering improves safety and reduces Life Cycle Costs (LCC) of products and systems by increasing reliability and availability. Whatever the scale or complexity of your project, Pöyry can provide RAMS services that provide the fundamentals for decision making and improve the overall performance of your system.

HOW THE RAMS SERVICES WORK

Pöyry offers you consulting services during all project stages in regard to the implementation of an efficient RAMS-LCC methodology. Our services encompass HAZOP, FMEA, HEA and Fault Tree and Event Tree Analysis, reliability prediction, risk analysis, safety cases and life cycle engineering.

We support operators in defining RAMS requirements for tenders, analysing proposals and designs and supervise the planning and implementation stage. Suppliers profit from our professional support for RAMS evidence during tender design and implementation.

By investing in Pöyry’s RAMS services, clients benefit from significant cost savings, identified and reduced risks, improved safety and availability, resulting in increased client satisfaction.

KEY BENEFITS

1. Improved system and product performance - reliable, available and safe
2. Reduced Life Cycle Costs
3. Increased client satisfaction

“The RAMS analysis worth 30k€ saved us over 1M€ in backup power supply investment costs and 200k€ in O&M costs” said one of Pöyry’s energy sector clients in Scandinavia.

CONTACT US TODAY TO FIND OUT HOW YOU CAN SAVE MONEY WITH PÖYRY RAMS

www.poyry.com/digital