



Industrie Service

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TÜV-RoiM – Risk-Oriented Inspection and Maintenance

A Product Information Sheet by the Plant Engineering Business Area

TÜV-RoiM – our approach for RBI & RCM

Worldwide competition is forcing the industries to take a hard look at how to minimise capital, operation, and maintenance costs of technical facilities, while maintaining safety, reliability, and productivity.

TÜV-RoiM

TÜV-RoiM stands for the approach to risk-oriented inspection and maintenance of plants and their components developed by TÜV SÜD. Its objectives include drawing up detailed, customised maintenance and inspection plans and increasing the flexibility of inspection intervals.

Assessment is based on the identified risk, i.e. the probability and consequences of failure or malfunction. With this approach critical components requiring special maintenance measures can be differentiated from non-critical components needing significantly lower maintenance.

We thus contribute to reducing operating and maintenance costs, optimising plant availability and proactively controlling risks. The approach is illustrated in a 'risk matrix'.

Our Services

- Development of optimised inspection and maintenance concepts

- Assessment of operational events, component reliability, spare parts, resources, personnel, etc.
- Determination of specific measures considering economical and regulative criteria
- Support regarding all questions for the introduction of a RBI inspection and maintenance system
- Industry specific and customised solutions and software applications
- Services around the entire scope of maintenance and inspection tasks
- Training

Your Benefits

The systematic involvement of all our specialists and the interdisciplinary know-how of our TÜV-RoiM-teams guarantee excellent and cost-efficient results.

- ▶ Cost optimisation due to tailored measures
- ▶ Adapted maintenance procedures and intervals
- ▶ Increased reliability
- ▶ Identification of high risk systems and components
- ▶ Pro-active risk management
- ▶ Third-party independency

TÜV SÜD. Choose certainty. Add value.

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