



Risk-based condition monitoring and reliability-centered maintenance of industrial plants

Improved safety, reduced maintenance costs

Risk-based condition monitoring and reliability-centered maintenance of industrial plants

Risk-based condition monitoring and reliability-centered maintenance are a new method at plants where the unplanned shutdown of the plant results in significant losses or costs.

The introduction of risk-based maintenance increases safety and availability and reduces maintenance costs even by as much as 20-40%. Condition monitoring covers the design, manufacturing and conformity and hazard assessment of pressure equipment.

OUR SERVICES:

- We offer consultation services to make decisions about launching risk-based condition monitoring and maintenance
- We undertake the selection of plants, facilities and equipment to be integrated into the condition monitoring system
- We undertake the implementation of the information technology of the condition monitoring system (design and adaptation of the system to the existing operation system, procurement of hardware and software)
- We coordinate periodic authority inspections and checks with risk-based inspections
- We undertake the creation of the necessary databases also on the basis of existing hardcopy drawings, documents, protocols, manuals, operating logbooks. We assign the data of the systems and equipment to two- or three-dimensional plant visualization solutions
- We prepare inspection and maintenance plans
- We define the 0-condition of the equipment by means of non-destructive tests and measurements
- We define the technical condition, the residual life-cycle and the operation risk
- We submit a proposal for the optimization of the operation, in order to improve reliability, extend the life-cycle and to obtain the expected production results.

Risk-based condition-monitoring and reliability-centered maintenance are successfully applied in the oil-, gas-, and chemical industries, in the petrochemical industry, metallurgy and in power generation plants.

From the project launching to implementation, through training to operation we are your partner!

FOR MORE INFORMATION PLEASE CONSULT OUR EXPERT!

András Földvári

Phone: (+36 1) 461-1170

Fax: (+36 1) 461-1199

E-mail: afoldvari@hu.tuv.com



TÜVRheinland®
Precisely Right.

1132 Budapest, Váci út 48/A-B.

phone: +36 1 461-1100

fax: +36 1 461-1199

e-mail: tuv@hu.tuv.com

www.tuv.hu