



Industrie Service

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Cooling and Cold Water Supply Systems

The intended function of cooling and cold water supply systems may be impaired or even lost following waterside scaling or deposition and corrosion caused by improper water chemical conditions. Here the characteristics of the used materials play an important role.

TÜV SÜD services

- Evaluation of closed cold water supply systems regarding the risk of corrosion through continuous measurement and registration of the oxygen content in the circuit water
- Evaluation of closed cold water supply systems regarding malfunctions due to gases by assessing measures to avoid the entry of air and procedures to lower the gas content (degasification, expansion)
- Creation of concepts for make-up water treatment and chemical conditioning of open cooling water systems regarding water and corrosion chemistry as well as economic aspects
- Consultancy regarding chemical engineering and materials technology for open and closed cooling and cold water supply systems as well as evaluation of the water chemistry of make-up and circuit water

Your Benefits

- ▶ Reliable identification of physical-chemical data
- ▶ Optimisation with respect to water and corrosion chemistry, chemical engineering, safety engineering and economical operation
- ▶ Clarification of the cause of corrosion as well as of scaling and deposition
- ▶ Rehabilitation and maintenance of the intended function and operational availability
- ▶ External and neutral quality assurance

Our laboratories are accredited as per DIN EN ISO/IEC 17025 and as an inspectorate type A as per DIN EN ISO/IEC 17020.

TÜV SÜD.

Choose certainty, Add value.

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