

Revision, Renovation, Rehabilitation in Power Plants

In terms of revision, maintenance & rehabilitation we can add value with our know-how of material technology, corrosion and process engineering and act as owner's engineer with the accompaniment of quality audits and the preparation of tendering documents for the inspection company.

Complying with company-specific quality standards, can prevent systematic failures and ensure an optimized plant performance. With the experience from manufacture and operation of the components and the potential to investigation and calculation methods, we contribute to a high availability of the plants along with a safe operation.

Whether it is a planned or an unexpected downtime, we ensure that your plant will comply with the latest state of the art in a safe and simple way. We have the profound experience and know the individual manufacturing, operator and customer viewpoints from a single source. On the basis of our continuous QA inspections, we are able to derive reasonable testing measures for the next outage and rehabilitation. We assure that the manufacture and acceptance of pressure parts and machinery for the power plants meet the requirements of the contractually agreed codes and standards.



Your Benefits

- Provide confidence to management and stakeholders that quality requirements will be fulfilled
- Benefit from our competence to unite individual manufacturing, operator and customer viewpoints
- · Determine remaining service life
- Enabling efficient documentation and revision of process control plants
- Continuous maintenance and plant optimisation
- · Ensure long life and high efficiency of your plants
- Reduce outage costs by applying advanced maintenance concepts





Our Scope

Area of Expertise

QA/QC support

- Feasibility for rehabilitation and modernisation
- · Preparation of tendering documents
- Implementation and postprocessing of revision measures
- Planning of tests and inspections to be conducted by the manufacturer
- Maintenance planning
- Welding procedure specifications
- Acceptance criteria and functional tests according code and specification
- Elaboration of test plans and bid requests

Materials Engineering

- · Destructive and non-destructive material testing
- Requirements according code and specification for production
- Dimensional check and control according specification

Contact:

Dr. Barbara Waldmann Center of Competence Quality Assurance and Materials Werkstraße 50129 Bergheim