

Tube Mill Mechanical Inspections



Your decision-making basis for maintenance, repair and investments

thyssenkrupp

Regular inspections of your tube mills in combination with good maintenance are the key to a long service life and availability of machines and therefore of your entire production. thyssenkrupp inspections for tube mills are preventive and minimize the risk of unplanned downtime.

From troubleshooting of spontaneous problems to regular, preventive and annual inspection we offer tailor made inspections for your needs: For cement and mineral industries, we offer substantial inspections of tube mills with regard to mechanical aspects.

thyssenkrupp inspections for tube mills are preventive and minimize the risk of unplanned downtime and reduce maintenance costs through our proactive approach. Our team has many years of extensive industry experience also with plants of other manufacturers.

During the service work state-of-the-art measuring instruments such as vibration measuring devices, ultrasonic technology, eddy current technology, surface measuring devices and thermo cameras are used. This provides a well-founded overview of all mechanical components of your tube mill.

Our experts inspect all main components of the tube mill and peripheral units and record the current technical status of your tube mills. All essential components such as the hydraulic system, the oil supply system, the mill bearing arrangement, the mill drive, the gearbox and the engine as well are examined.

Finally, we inform you in detail about the condition of your mills. Our concrete recommendations are a substantiated decision making base for specific maintenance measures or future investments in order to optimize your system technically and economically.

For the implementation of the measures thyssenkrupp services offer from inspection to implementation from one source and a permanent service contact partner. In case of acute need for action, thyssenkrupp Industrial Solutions offers prompt and accurate solutions with our regional Service Centers in order to avert imminent damage that could endanger your ongoing production.

Our services also include customized training for our customers tailored to your individual needs and covering all aspects of preventive maintenance, inspection and repairs.

Service advantages

- Detailed information about the current status of your tube mills
- Detection of defects at an early stage
- Increase the reliability of the equipment and system
- Customized inspections for customer needs
- Overview and decision-making base for technical optimization and future investments
- Reduction of maintenance costs through proactive inspections
- Technical support and comprehensive service offer for repairs, planning and spare parts



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Field & workshop
services

engineering. tomorrow. together.

360° Service

Service solutions throughout the entire life cycle of your plant



thyssenkrupp



Parts & supply management

We are the experts when it comes to the supply with spare and wear parts for your plant – over the entire lifetime, at the right time and with the right quality.

Spare parts supply

- All spare parts and components for your asset in OEM quality
- Always state of the art technology with guaranteed functionality
- Attractive frame contracts and supply agreements

Wear parts solutions

- Development of wear parts according to your requirements
- Individual solutions in regards of quality and performance
- Innovative wear parts concepts

Advanced parts solutions

- Engineering and manufacturing of individual spare parts
- Continuous further development of spare parts and components in order to increase the performance of your plant
- Spare and wear parts for plants genuinely not developed by thyssenkrupp



Field & workshop services

We offer you local assistance when it comes to overhauling spare and wear parts, or when maintenance and servicing is needed.

Technical inspections

- Forward-looking inspections of machines and components

Repairs and field support

- Fulltime site support and advice after handover of equipment
- Fault identification and emergency repair of components
- Installation and dismantling
- Equipment adjustments and alignments

Workshop services

- Local fabrication of spare parts
- Refurbishment and supply of thyssenkrupp and third party components

Operator & maintenance training courses

- Customer training for all areas of thyssenkrupp portfolio
- Utilization of product experts within thyssenkrupp's global network



Revamps & outages

Over the course of time, demands change. In order to meet these changed demands, we offer you custom-tailored revamp solutions.

Analysis, engineering and manufacturing

- Plant status and environmental analysis and assessment
- Feasibility studies
- Basic, front-end and detail engineering
- Manufacturing of individual equipment

Plant improvements

- Custom-tailored revamps and retrofitting solutions
- Debottlenecking through capacity extensions
- Efficiency enhancement through modernization and upgrades
- Emission reduction
- Safety and integrity upgrades
- Reliability improvement

Revamps execution up to EPC

- Execution of complex revamp and outage projects
- Execution of EPC revamps projects
- Custom-tailored risk and profit sharing models

Turnaround management

- Management of plant turnarounds



Asset management

We offer you a holistic asset management approach in order to reduce the overall operating expenses of your plant.

Consulting & audits

- Evaluation and assessment of effectiveness and efficiency
- Process mapping and gap analysis
- Derivation and supervision of improvement measures

Technical guidance

- Implementation of improvement measures
- Technical improvement of existing machines and components
- Strategic analysis and future planning
- Improvement of processes and procedures

Operation & maintenance contracts

- Complete or partial take-over of maintenance and/or operations activities
- One-stop operation and maintenance solutions including parts and consumables
- Custom-tailored business models focusing on a win-win situation

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