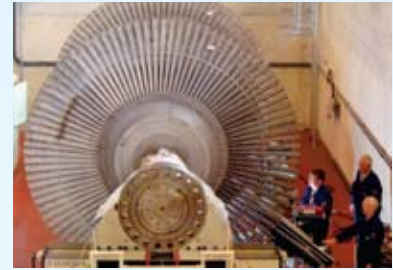


Turbine rotor inspections



A Turbine Rotor Inspection service, including a comprehensive range of inspections for both fixed and rotating parts, is an essential part of the condition assessment and integrity activities necessary for safe and commercial operation. It also provides the basis for life extension programmes to avoid costly plant replacement.

Product

RWE Power International has expert knowledge of all aspects of Turbine Rotor Inspection activities and can provide a complete turbine rotor inspection service, at a level to ensure equality with national/international experts. The service includes:

- external visual inspections
- surface magnetic particle inspections
- portable hardness inspections
- material identification using portable instrumentation
- remote visual, ultrasonic, eddy current and magnetic particle inspection of rotor bores
- ultrasonic inspection of button drives and the bores of shrunk-on discs
- ultrasonic inspection of tenon heads for in-service defects and weld repairs
- visual, magnetic particle, eddy current and ultrasonic inspection of blade fixings, blade roots, erosion shields and other features.

Benefits

- provision of reliable and accurate measurements using the latest technology and methodologies
- provision of confidence in NDT results on which to base engineering assessment of remnant life
- the availability of RWE Power International's competency in the inspection of high-risk pipework components
- bespoke inspections that remove need to disassemble rotor
- access to authoritative advice from RWE Power International engineer's expert in the assessment of turbine fixed and rotating components.