

NDT work instructions and techniques



For the results of NDT inspections to be reliable and repeatable, it is necessary to provide inspection personnel with written work instructions and specific technique sheets appropriate to the plant and the requirements of plant specialists. Such work instructions should be prepared, validated and approved by qualified engineers to allow a consistent approach to inspection, reporting and interpretation of results.

Product

RWE Power International has qualified personnel expert in the development of NDT Work Instructions and Techniques for power plant applications and can provide capabilities and experience at a level to ensure equality with national/international experts. Documentation, which conforms to national/international standards ensures that inspection needs of the plant are fully met.

The product includes:

- a suite of NDT Work Instructions for general and specialised applications approved for use by a PCN or ASNT Level III person
- technique Sheets and reporting formats to meet specific applications
- controlled NDT documentation available in electronic format or hard copy
- preparation of new Work Instructions and techniques for customer-specific requirements
- Verification of documentation produced by external organisations
- engineers experienced and certificated to Level II in both PCN and ASNT.

Benefits

- using proven techniques that encapsulate the plant experience and inspection expertise of RWE Power International NDT engineers
- a consistent approach to inspection, reporting and interpretation of results
- avoidance of unnecessary costs in approving contractors documentation
- confidence that inspections have been performed to an appropriate standard using the correct technique, minimising risk to plant integrity and safety.