

Conformity Assessment of Pressurized Nuclear Equipment

The nuclear market offers interesting perspectives and exciting challenges for manufacturers of pressurized equipment and piping systems – whether supplying components and systems to existing nuclear power plants or to new ones around the world.

Manufacturers must consider and implement site-specific rules and regulations of the licensing authority and the additional technical requirements mandated by nuclear codes and standards. Based on the safety-related importance of each component, nuclear specific requirements may be far beyond conventional codes and standards.

These requirements affect all process steps from purchasing and manufacturing of basic materials to component assembly and the final acceptance test. Technical aspects needing to be considered include additional inspection and testing as well as proper and accurate documentation.

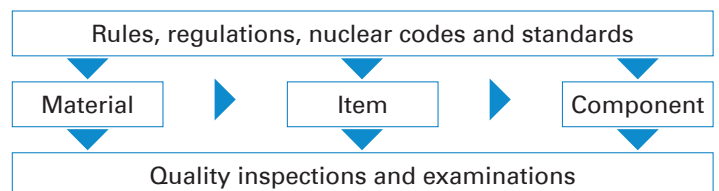
Our range of services:

- Individual or group training focused on specific requirements of nuclear codes and standards.
- Verification of the correct implementation of the requirements in your manufacturing and examination documents as well as your manufacturing processes.
- Support during the whole process from basic material production to the final acceptance test.
- Technical audits and quality inspections at supplier locations on your behalf.

Your contact:

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Our experienced nuclear experts support you during all steps of manufacturing in fulfilling the stringent nuclear specific requirements in addition to applicable conventional nuclear codes and standards such as German Nuclear Safety Standards Commission (KTA), American Society of Mechanical Engineers (ASME), French Design and Conception Rules for Mechanical Components of PWR Nuclear Code (RCC-M), Rules and Standards in Atomic Energy Industry of Russia (PNAE, GOST). The knowledge of our experts is based on extensive experience in international nuclear projects.



About TÜV Rheinland:

Founded more than 140 years ago, TÜV Rheinland is a global leader in independent inspection services, ensuring quality and safety for people, the environment, and technology in nearly all aspects of life.