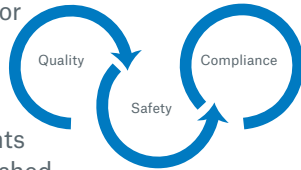




ISO 19443

Quality management systems in the nuclear supply chain

The International Organization for Standards (ISO) works closely with the International Atomic Energy Agency (IAEA). The ISO 19443 standard complements the technical documents established by the IAEA. ISO 19443 is written to enhance the ISO 9001 standard to enable companies to provide products and services that meet customer and regulatory requirements.



ISO 19443 accreditation

HSB is the world's largest Authorized Inspection Agency (AIA) accredited by the American Society of Mechanical Engineers (ASME) and has proven itself as a leader in nuclear audits, inspections, and ISO accreditation.

Organizations producing parts, components, equipment, and/or services important to nuclear safety (ITNS) will benefit from this accreditation.

Benefits of certification

Current nuclear manufacturers of products and services already operating in the nuclear sector will be able to service international nuclear facilities that require or desire ISO 19443 Certification.

ISO 19443 requires a Nuclear Quality Management System to include the following:

- **Risk-based thinking:** Risks and opportunities to the organization
- **Nonconformity and corrective actions:** Detailed reporting of isolated nonconformities and recurrence of nonconformity

- **Nuclear safety culture:** As a principle of ISO 19443, there must be a clear commitment by the organization
- **Counterfeit, fraudulent, and suspect items (CFS):** Organizations will have a system to identify these items within the supply chain quickly

ISO 19443 can be applied to suppliers anywhere in the nuclear supply chain, from OEMs to raw material producers. Almost all products and services within the supply chain would benefit from the recognition of competence and conformity that certification to ISO 19443 provides.

Why HSB? We add value to your business.

- 1 HSB is a global leader in many certifications, including ISO 9001, ISO 19443, ISO 14001, and ISO 45001.
- 2 HSB can provide experienced auditors to efficiently and effectively conduct audits applicable to your business.
- 3 HSB is a leader in the nuclear sector and provides nuclear AIA services globally.
- 4 HSB's audit staff are specialists in pressure equipment manufacturing, quality process oversight, and compliance with regulatory requirements, and are continuously trained to develop their core knowledge and expertise.