

Independent Third Party Inspection Agency (ITPIA), Inspection Agency (IA), Notified Body (NoBo) and Conformity Assessment Body (CAB) General Industrial and Nuclear Constructions with the objectives of:

- Representing and supporting the Regulatory Body as “ITPIA”; independent and impartial to the Licensees/Users/Purchaser and Supplier(s) in the verification, monitoring and confirmation of conformity to the set rules and regulations.
- Representing the Licensees/users/Purchasers as “IA” and CAB to verify, monitor and confirm compliance of purchases to the contract requirements
- Independently and impartially Service Manufacturers’ requests for NoBo/CAB activities; Verifying, monitoring and confirming compliance to set Licensees/users/purchasers and or regulatory requirements.

➤ **Offering**

Training, Gap analysis, Conformity Assessments, Qualification and Certification of Quality Management Systems, Products/components, Systems, Materials and People to various rules and regulations.

➤ **Capabilities:**

Quality Management Systems UKAS accreditations to provide Quality Management System Accreditation to Organisations.

- UKAS Accredited to ISO17020:2012 for:
 - Notified Body No 0879 for:
 - Pressure Equipment Directive “PED” : 2014/68/EU
 - Simple Pressure Vessels: 2014/29/EU
 - Nuclear: Rcc-M design Rules
 - Safety Regulations
 - Pressure System “PSSR” 2000
 - Lifting Equipment “LOLER” 1998
- UKAS Accredited to ISO17021: 2015 for
 - ISO9001:2008+2015
 - ISO3834-2005 Part 2, 3 and 4 – Fusion Welding of metallic Materials
 - ISO14001:2004+2015 – Environmental
 - OHSAS18001:2007 – Occupational Health And Safety Assessment Series
 - ISO45001:2018 – Occupational Health and Safety
- UKAS Accredited to ISO17065: 2012 for
 - ISO1090 all Exec. levels – CE Marking Requirements for Structural Steelwork
- UKAS Accredited to ISO14065:2013 for
 - ISO14064-1 – Greenhouse Gasses
- **Non-UKAS** Accredited assessment and certification of system alignment to standard is offered for
 - ISO10012: 2017 for Data Protection
 - Personal Information management in the UK to BS10012:2017
 - ISO19443:2015 For Supplying products and services Important To Nuclear Safety “ITNS”
- Design Rules
 - Nuclear: Rcc-M and ASME III
 - Industrial: EN14435, PD5500, AD2000, ASME VIII Div. I and II stamped/non-stamped and others.
- TÜV Nord Group, our German parent company’s approvals can be applied in the UK to:
 - Data Security Umbrella Accreditations: ISO27001 by Dakks “Germany”.
 - Design and manufacturing to KTA rules
 - Design and manufacturing to ASME III “N” Stamp
- **2019 objective:** Extension of current UKAS ISO17020:2012 Nuclear accreditation to include ASME III Non “N” Stamp.

➤ **Capabilities: Resources**

- Experienced team of designers, Inspectors/Assessors, Authorised Inspectors (AI for ASME “U” stamp), welding engineers and Competent Person as defined by the Pressure System Safety regulations “PSSR 2000”.
- Global business segment, European based Advanced Analysis such fatigue, piping, fracture mechanics and Computerised Fluid Dynamics “CFD”.
- Backed by the Global Energy Business Segment’s pooled, experienced and qualified resources for remote and/or local deployment to meet project needs.
- Experienced in application of main National and International design rules and regulations.
- Resources with the ability to interpret and apply contract specific and new rules and regulations.
- Trained, assessed and appointed engineers based on achieved competency levels.
- Graded approach for deployment of engineers to match activities criticality and or classification level
- All TÜV Employees and Contractors work to TÜV UK Ltd quality management system, which is regularly monitored by management.
- Safety Nuclear Culture; management spear headed, embedded in TÜV UK Ltd system, supported, and observed by all TÜV employees.

➤ **TÜV UK Ltd Services at glance**

- Remote or local deployment of qualified and appointed global resources on project basis – All working under the TÜV UK system and management.
- Independent Party on behalf of regulator, licensee, owner, customer and suppliers to set rules and regulations or contract specifics.
- QMS: Nuclear Assessments and Certifications of system alignment to set requirements of:
 - Rcc-M A5000
 - ISO19443:2015
- Training in Rcc-M for engineers, fabrication supervisors, procurement and QC/QA engineers.
 - Standard design rules: Navigation of the main elements manufacturers need to be aware of.
 - Bespoke content developed for relevance to suit your business.
- Welding QMS assessment and accreditation to ISO3834 to all levels,
 - Part 2 Comprehensive is suitable for Nuclear, part 3 Standard and 4 Elementary are available too.
- Witness, report and or issues qualifications to Rcc-M Section IV, ASME IX and all major rules/standards
 - Welding materials: Solid wires, Trade designated wire/flux, flux cored and coated electrodes.
 - Jointing and surfacing procedures
 - Welders and welding operators.
- German AD2000, certification to “W0” for Material Manufacturer QMS, and “HP0” for Equipment manufacturer QMS.
- **Design Reviews and validations** to all major national and international rules
 - Pressure design codes calculations
 - Stress analysis, simple first principals to advanced using FEA and combined
 - Seismic, Cyclic, explosion and airplane crash loads
 - Fracture mechanics including Crack propagation/Growth
 - Computerised Flow Dynamics.
- **Review and approval of technical documents**
 - Manufacturing & Quality Control
 - Treatments; coating, surfacing, buttering, heat, PWH, galvanising, plating ...etc.
 - Qualification of workshop
 - Testing and validations protocols (acceptance tests)
- **Material certification**
 - Traceability and markings, witness testing, review results and issue/endorse certification or reports.
 - Full 2.2 to EN 10204:2004
 - Full 3.2 certification, or to the intent of 3.2 in EN 10204:2004
- **Shop Inspection and surveillance:**
 - From Procurement, goods in “traceability” to product release at manufacturers and their suppliers.
- **Quality Data Records**
 - Documentations reviewed, certification issued or endorsed as required prior to release the shipment of the product to user.