



INDUSTRIAL & ENERGY INE SERVICES DIVISION

Thinking Beyond.

As one of the world's leading Certification Companies, we provide competitive advantage and deliver trust. TÜV AUSTRIA has the advantage to offer a "One-Stop-Service" providing customized services.

We are an international company that employs experts to serve in the fields of testing, inspection and certification services in more than 40 countries worldwide.



Whether you are an industrial company, a plant operator, active in commerce, a start-up or in the process of establishing a business, safety and security are major concerns in any case.

TÜV AUSTRIA Group's international focus and the multitude of national and international accreditations make TÜV AUSTRIA your competent, secure and dependable partner.

To achieve more success stories, we decided to expand further by our regional branch in Saudi Arabia, as a benchmark server to our branches in the Middle East, Africa and India.

TÜV AUSTRIA





- ✓ Third Party Inspection TPI Services
- ✓ Consultancy Services
- ✓ Integrity Inspection Services for pressure equipment, piping, tank, and all static equipment
- ✓ Integrity inspection for GRP and non-metallic tank & piping.
- ✓ Failure analysis investigation Services
- ✓ FAT Factory Acceptance Test
- ✓ Welding qualification WPS, PQR and WQTR
- ✓ Thermographic Survey
- ✓ Worldwide inspection
- ✓ Vendor inspection of industrial Equipment
- ✓ Stage inspections of industrial fabrication & erection processes as per ITP, international codes, and specifications
- ✓ Risk based inspection
- ✓ Manpower supply (qualified and certified inspectors)

PLANT INSPECTION SERVICES

Conventional NDT Services

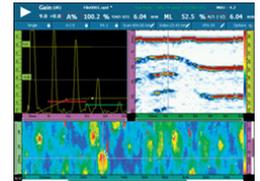
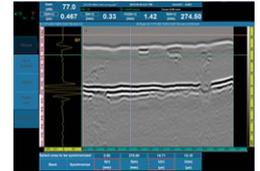
- Visual Inspection
- Ultrasonic Testing Thickness Measurement and UT Flaw Detection
- Radiographic Testing - RT
- Magnetic Particle Testing - MPI
- Dye Penetrant Testing - DPT
- Positive Material Identification – XRF
- Baroscopic Inspection
- Hardness testing Portable
- Vacuum Box Testing



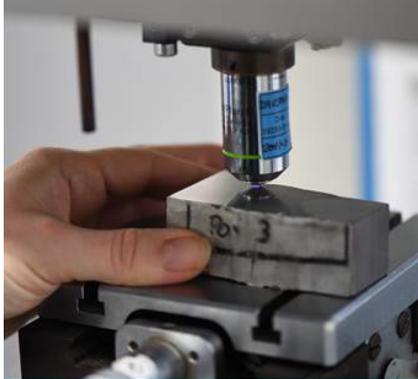
NON-DESTRUCTIVE TESTING (NDT)

Advanced NDT Services

- **Robotic: Innovative Solutions**
 - API 653 In-service Robotic Tank Inspection
 - Robotic Tank Surface Preparation
 - Robotic Inspection Crawler
 - Robotic Painting and Coating
- **Acoustic Emission**
 - Pressure and leak testing of various plant components
 - Leak and corrosion testing of flat bottomed storage tanks
 - Leak testing of pipelines
- **Internal Rotary Inspection System (IRIS) - Advanced Tube Inspection**
- **Remote Field Eddy Current Tube Inspection - RFT**
- **Near Field Testing - NFT**
- **Eddy Current Testing**
- **Ultrasonic Phased Array - PAUT**
- **Magnetic Flux Leakage (MFL) - Tank Bottom Inspection**
- **Short Range Ultrasonic Inspection - SRUT**
- **Long Range Ultrasonic Inspection - LRUT**
- **Ultrasonic Time of Flight Diffraction - TOFD**
- **Ultrasonic Corrosion Mapping - Hydro form Scanner**
- **Remote visual inspection**
- **Thermal Imaging up to 2000C**
- **Pulsed Eddy Current PEC (LYFT)**

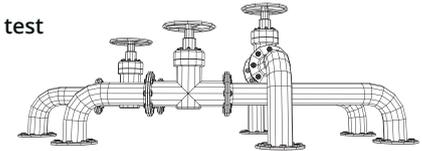


ADVANCED NDT SERVICES



- In House Lab testing Services
- Mechanical, Chemical and Physical testing services
- On Site Testing Services (Torque Testing, Pull Out/ Pull Off Testing)
- Material Conformity & Reverse Engineering.

- Universal Hardness Testing Rockwell, Brinell, Vickers, Knoop
- Chemical Analysis- Spectrometer Analysis-Optical Emission
- PMI -Chemical Analysis
- Hardness Testing- Portable (Leeb, Vickers, Brinell)
- Tensile Testing (UTS, Yield, Elongation)
- Guided bend Test (Face bend, Root bend, Side bend)
- Bend and Rebend Test for Steel bars
- Macro Analysis
- Micro Structure Analysis- Grain Analysis
- Impact Test
- Accelerated Weathering test
- Salt Spray Test
- Compression Test
- Flattening Test
- Proof Load Test
- Pull off Test- Adhesion (Paint material)
- Civil Lab Testing (Construction and Building Material Testing)
- Lab Testing for GRP Material (Mechanical & Physical)



MATERIAL TESTING

LIFTING INSPECTION SERVICES

Lifting Services

- Lifting Equipment Inspection
- Overhead/Jib Crane, Runway Beam
- Elevator & Escalator
- Rope Access
- Dropped Objects
- Lifting Accessories and Gears Examination
- Rig Survey Onshore – Offshore
- Lifting Operation Supervision
- Non-Destructive Testing (MPI, LIT, PT)
- Wire Rope Inspection
- Containers / Cargo Baskets (CCUs) Examination
- Amusement parks and rides inspection.
- Proof Load Testing for Lifting Equipment's and Handling Tools (Work Shop)

Civil Defense & SASO Services

- Elevators
- Escalators
- Amusement Rides
- Live Events
- Fire Fighting Systems





- ✓ *Facade Design Consultancy*
- ✓ *Quality Assurance and Control*
- ✓ *Facade Performance Testing*
- ✓ *Third Party Witnessing for both fabrication & installation processes*
- ✓ *Material Testing*
- ✓ *Spray Water Testing*
- ✓ *Flood Testing*

CURTAIN WALLS & FACADE INSPECTION

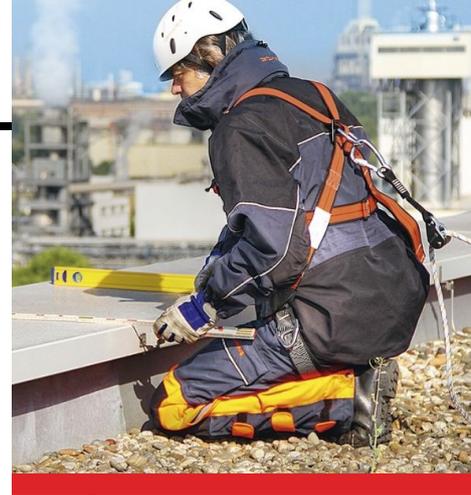
SAFETY

Health and Safety

- Fire Risk Assessment.
- Firefighting systems inspections.
- Accident Investigation services.
- Qualified Quality and HSE Manpower supply.
- Workplace inspection, evaluation, identification and assessment of risks

Safety Trainings

- Scaffolding erector.
- Scaffolding supervisor.
- Scaffolding inspector.
- First aid and CPR.
- Working at heights safety.
- Electrical works safety.
- Firefighting trainings





Technical QA/QC Support Services:

TUV Austria offers these services to their clients which includes providing the following qualified and experienced staff:

- Project Managers
- Project Engineers
- QA/QC Manager
- Qualified and Certified QC Inspectors
- Mechanical, E&I and Civil Inspectors and Supervisors
- HSE officers and HSE Supervisors
- Welding Engineers & Supervisors
- Material Coordinators & Controllers
- Coating Inspectors & supervisors
- Other relevant competent resources as per specific requirements

VENDOR TECHNICAL SERVICES



- ✓ Visual Inspection (VT) Course (Level I, Level II)
- ✓ Ultrasonic Testing (UT) Course (Level I, Level II)
- ✓ Radiographic Testing (RT) Course (Level I, Level II)
- ✓ Magnetic Particles Testing (MT) Course (Level I, Level II)
- ✓ Penetrant Testing (PT) Course (Level I, Level II)
- ✓ Lifting Gear Inspection Course (Level I, Level II)
- ✓ General Safety Courses
 - Work At Height
 - First Aid Training at work
 - Scaffolding erectors training
 - Electrical Safety
 - Rigger 1, 2 and 3
 - Lifting operator Training

TRAINING



OUR CLIENTS AROUND THE WORLD

OUR OFFICES

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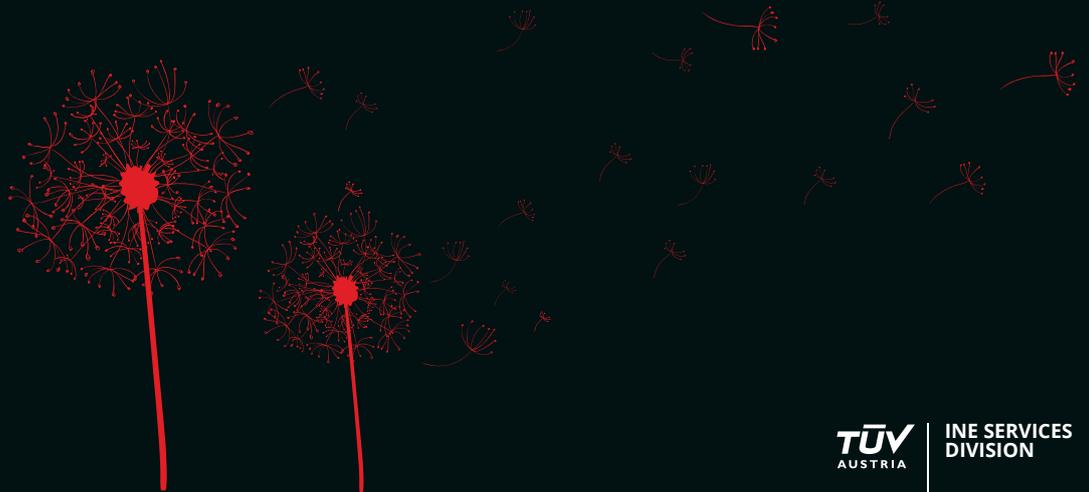
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**KEEP IN
TOUCH!**



TUV
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INE SERVICES
DIVISION



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**THANK
YOU.**

More Inside.