



Company Profile

www.pakinspec.net

Introduction

PAK INSPEC, Testing & Inspection Division is customer focused and technology driven organization offering quality products and services in the areas of Oil & Gas field equipments, Engineering Systems, Marine Industry, Products and Instrumentation fundamental extract for process industries worldwide. With changing technologies & infrastructures, we have continued to deliver strategic advice, trainings and professional business services to our customers. A trusted partner for 'business' & 'technology' objectives - governance, strategy and structured out comes in alignment with business requirements.

What we do

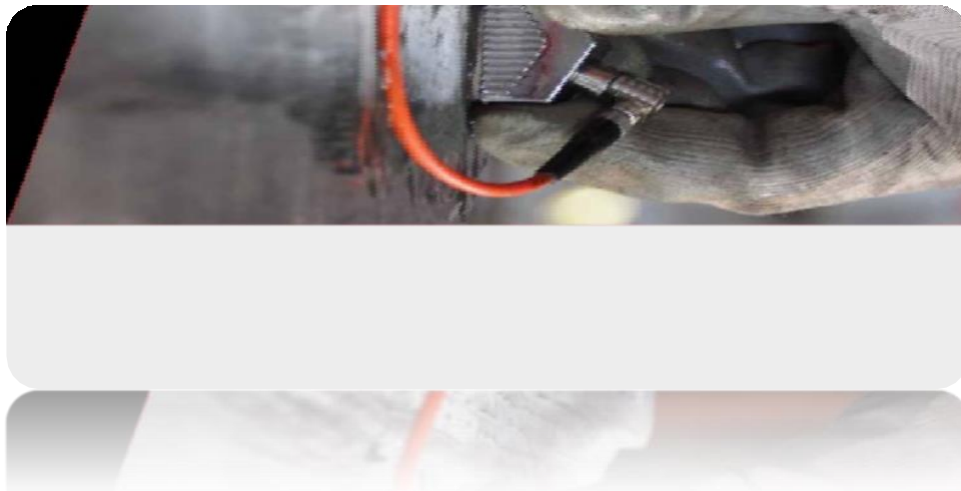
We offer experienced and cost effective professional guidance and provide quality independent and confidential services. Our main focus areas:

- **Non-Destructive Testing**
 - Ultrasonic Testing
 - Magnetic Particle Testing
 - Liquid Penetrant Testing
 - PWHT (Post Weld Heat Treatment)
 - Visual Testing
 - Radiographic Testing & Film Interpretation
- **QHSE Management System Services**
- **Painting & Welding Inspection**
- **Third Party Inspection Services**

Non-Destructive Testing

➤ Ultrasonic Testing

It is generally used for finding sub-surface defects and corrosion mapping (Thickness measurement). Its typical application is a task of material integrity approval, e.g. manufactured semi-products (sheet, forging or casting) or welds.



➤ **Magnetic Particle Testing**

Mainly used to identify surface and near surface defects and applicable to only ferrous materials. Inspection of steel butt weld is very popular using this method. Other applications includes bolts thread inspection and also Propeller Shaft, and aerospace parts inspection.



➤ **Liquid Penetrant Testing**

This method is used to find surface defects and is not limited to ferrous materials. Do not require any power source and highly portable and efficient method. It is generally used where MPT cannot be applied i.e. where material is non-ferrous.



➤ **Visual Testing**

It is relatively easy and low in demands. The equipment is used for inspection of just direct and close inaccessible areas, such as tanks, tubes and vessels. Its benefit is a transparency and understandable reported information. We can measure dimensions. Data storage is simple via photo.

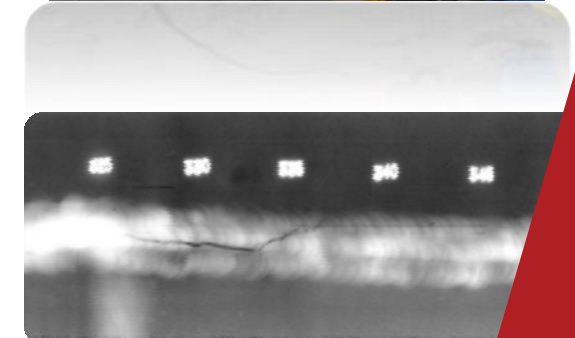
VT can be applied everywhere, including object with elevated temperature. Potential Users are Weld Workshops and assembly workplaces.



➤ **Radiographic Testing & Film Interpretation**

There are many advantages to radiography including: inspection of a wide variety of material types with varying density, ability to inspect assembled components, minimum surface preparation required, sensitivity to changes in thickness corrosion, voids, cracks and material density changes, the ability to detect both surface and subsurface defects and the ability to provide a permanent record of the inspection.

TMI NDT Services supplies a complete line of radiographic services for both shop and field applications. Our staff of qualified, certified, professional radiographers operates within strict safety parameters and produces high quality radiographs that allow us to utilize our interpretation skills honed through many years of experience to determine if an anomaly is actually a defect or can be accepted per code requirements.



Workforce Accreditations

TMI Personnel and Technicians are Approved by AWS, Cswip, ASNT, IMechE, BQACS, Nebosh, iosh, & OHSAS 18001 :2007 for our Trainings, Testing, Inspections & Auditing services.



Performance

NDT

Our NDT inspectors are ready to provide you with a perfect NDT inspection performance according to international standards, e.g. ASNT, ASTM, ASME, API, ANSI, AWS, ABS, DNV or ISO specifications as well as your own requirements & procedures. Technical background of a regular NDT training centre even increases possibilities and allow to use the most appropriate instrumentation for your application. We can choose the best alternatives, develop and apply an NDT procedure customised to the task. The NDT may be performed in the TMI laboratories or the inspector equipped with portable devices can do the duty on the site. TMI may be used as an NDT supplier, for the 3rd party inspections or as an independent Inspector.

QHSE

Our HSE (Health, Safety & Environment) Auditors develop HSE management system which identifies health and safety responsibilities at all management levels across the company. Promote safe working habits. Ensure Implementation and Maintenance of HSE policy.

WELDING INSPECTION

We provide all round solution for welding inspection form preparing ITP to WPS to PQR for TIG, MIG, MMA, SAW processes with regards to international codes & standards like ASME, ANSI, API, AWS, BS.



CONTACT US

For further details feel free to contact us Our representative will respond you as soon as possible.

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