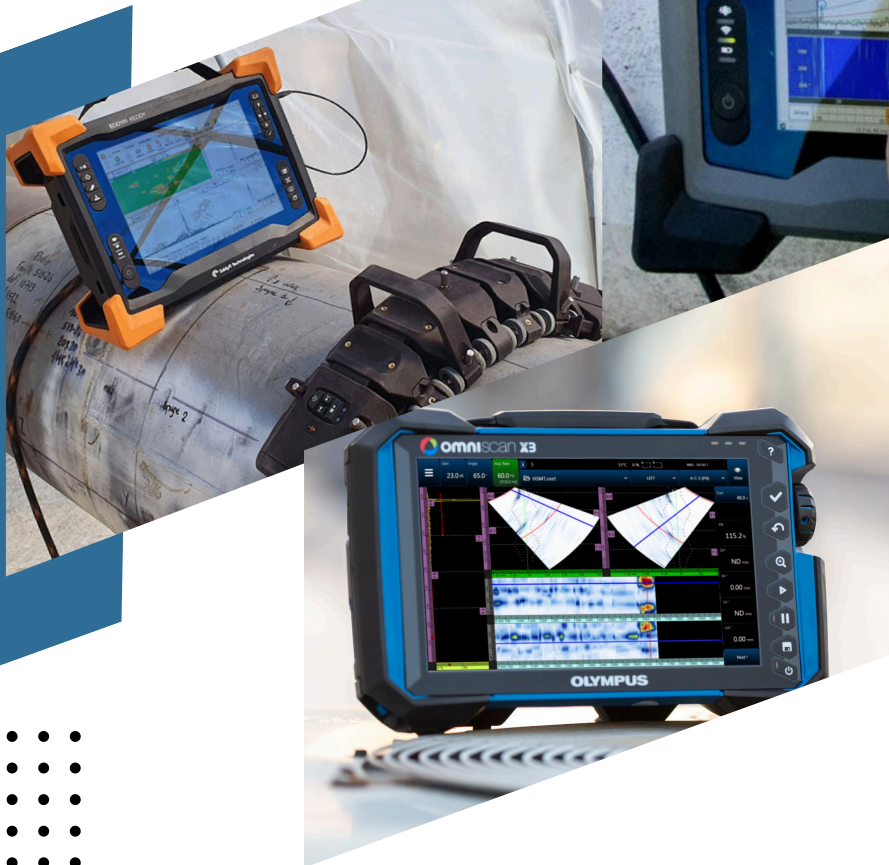




PETROCON ENGG. & INSPECTION PVT. LTD.

AN ISO CERTIFIED 9001 :2015 COMPANY

CIN: U74999MH2018PTC10364



EXPERIENCE

QUALITY

KNOWLEDGE

EXPERTISE

ABSTRACT

Petrocon was incorporated in 2003 to be a comprehensive Service provider of Specialized, Integrated Quality Services Specialized, Integrated Quality Services.

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Contact Us

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About Us

Petrocon is comprised of seasoned non-destructive testing and welding professionals who can handle many NDT and technical welding related needs that your organization may have.

We have many satisfied customers throughout India and Gulf countries because we offer affordable, effective and complete non-destructive testing and welding QA services and build long-lasting relationships, and excel where others find difficulty.

Petrocon was incorporated in 2003 with its head office based in Mumbai- Maharashtra India. Specialized inspection services to local and overseas Oil and gas companies. Our range of services includes full range of Non-destructive testing (NDT) inspection, Oil country Tubular Goods (OCTG) Inspection. & Maintenance, Petrochemicals, Refineries, Chemicals, Pharmaceutical, Energy, Power and Infrastructure Industries. Our current focus is to provide world-class, quality Inspection Services to cater to our clients' needs and to help protect our clients' assets through proper maintenance and inspection. Our team is committed to provide timely and reliable services to the best of our abilities at all time.

Our Vision

Our knowhow and expertise in the field of Inspection and Non-destructive testing in the field of Oil and Gas, petrochemicals, Refineries, Chemicals, Pharmaceutical, Energy, Power and Infrastructure Industries has been built since last two decades.

Our Mission

The petrocon Team still Upholds as priority the primary objective that has distinguished it since its establishment: namely the aim to increase, spread and adopt know how in every area of the market its business arms operate. As such the petrocon Group strives to become the first choice among the clients in India and abroad for the precision of services in training, technical support, engineering, and NDT, laboratory testing, Certification Services, designed to ensure the expected requirements in quality, safety, reliability and availability of Industrial and process facilities.

The distinctive values to which the Petrocon is inspired include:

The spread of **knowledge**, in all relation with its Clients; **integrity**, in consistently pursuing long term relationships with Clients, partners, suppliers and staff alike; **competence**, in providing our Clients with top quality professional services; and **technical impartiality**, in order to be acknowledged by all parties as fully independent and thereby consistently offering technical reference points highly regarded by Clients, competitors, institutions and market at large.

The petroconTeam operates in field of inspection and Nondestructive testing with about 60 Qualified Inspectors and technicians, capable of performing second and third party inspection, non-destructive testingwith different methods,expediting, QA/QC functionsand onsite inspection.

At the shortestnotice our Inspectors and technicians can be operating at any location, in India and abroad,in workshops, construction yards,and plants to perform inspection and tests on process equipments, piping and structures.



LPT



LRUT



MPT



PEC

INSPECTIONS AND NDT SERVICES

NDT

Pipping Inspection (CUI).

- Long range guided wave inspection Pulse eddy testing
- Insulated Pipeline(cold/hot)
- Insulated Piping
- Insulated Process equipment

NDT –Surface, Volumetric Non Destructive Testing.

- Radiographic testing gamma / x- ray
- Magnetic particle inspecting MT
- Penetrant testing PT
- Ultrasonic testing UT
- Leak testing LT
- Hardness testing
- Portable Parent material identification PMI
- Alternating current field measurement ACFM
- Metallographic replicas

Automated Non Destructive Testing.

- PAUT
- TOFD (Time of Diffraction)

Non Destructive testing for

- Floor Scanner for the bottom
- Dimensional check-verticality
- UT testing for shell by magnetic Crawler

Heat exchanger tubes inspection

- Eddy Currents
- Remote Field
- MFL- Magnetic Flux leakage

INSPECTIONS

Pre – services inspection

- Ultrasonic testing for thickness Measurement with as bilt Thickness mapping
- Ultrasonic testing of welds Recording most relevant indication Event if they are acceptable
- Metallographic replicas location Mapping and recording of Microstructures

Workshop and site inspection during Fabrication stage

Welding inspection

- Base materials,
- Welding machines
- Fit-up and Pre-assembly chek
- Check or definition of proper
- Welding sequences
- Check of welding parameters
- Technical advice for solving welding
- And assembly concerns
- Steady relationship with QA/QC
- Functions and Site Management
- In – service inspection

Fit For Services

- API – 510,570,579

Technical and scientific support

QA / QC Inspection Expenditing.

PEIPL Services Since 2003, Petrocon Engg. & Inspection Pvt. Ltd. has been providing expertise in

Education & Training

- Welding education & training
- Courses for NDT personnel
- Training Courses in
- Soldering in electronics
- Technological transfer
- Courses on adhesive Bonding
- Training in the fieldOf coating
- Customised training courses Inspection

Inspection & NDT

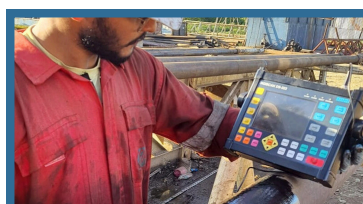
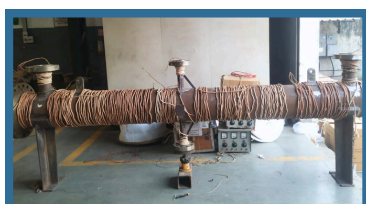
- Automated non destructive
- Metallographic replicas
- Piping Inspection – long Range guided wave Inspection
- NDT – Surface, Volumetric Non Destructive Testing
- Heat exchangers tubes Inspection
- Non destructive testing for Aboveground storage tanks In – service/ pre – service inspection
- Welding Inspection

Engineering

- Welding engineering
- Strutural integrity Assessment
- Technical specifications
- Tailored information tools
- Asset integrity Management
- Technical Support for the Protection system of Industrial installation
- RBI analysis

Certification

- Certification of personnel
- Products Certification
- Certification of fabrication processes
- Technical assistance
- Third party in – service inspection
- Management systems Certifications
- IT services for Documentation and certificate managements



ACCREDITATIONS

ISO 9001 Certified by BSI
"Inspecting Authority" as per
IBR 1950 approved by CBB

ACCREDITATIONS

- Design Review
- Third Party/Second Party Inspections
- Vendor Assessment
- Field Quality Assurance
- Project Management Assistance
- Advanced Non Destructive Testing
- In-Service Inspection

QUALIFIED ENGINEERS

Certification Scheme for Welding and Inspection Personnel (CSWIP)
American Society for Non Destructive Testing (ASNT)
American Petroleum Institute (API)
American Welding Institute (AWS)
National Association of Corrosion Engineers (NACE)
Indian Boiler Regulations 1950 (IBR)

Areas of Expertise

- Fitness For Service (FFS) Analysis
- Condition Assessment of Cranes / Tanks
- Process Design Validation
- Vibration Analysis & Noise Measurement

Downstream

- Refineries
- Petrochemical
- Storage Terminals
- Product Pipelines
- City Gas Distribution Pipelines
- Group Gathering Stations
- Static & Rotating Equipment
- Retail Outlets
- ALDS/CNG Stations

Midstream (Offshore & Onshore)

- Cross Country Pipelines

Our Rich Experience

- 30+ Offshore Platforms
- 100+ km 16" GAS PIPELINE
- 1200+ km Submarine Pipelines
- 5000+ Shutdown man-days
- 10000+ Retails Outlets
- World's Largest Crude Oil Column

INFRA PROJECTS

Krita Engineering Pvt. Ltd.	Ashoka Buildcon Limited
Larsen & Toubro , Godrej	Fabrication erection Work
MAHANAGAR GAS LIMITED, Mumbai	Gas line Installation
TATA Projects / Barmer	VGO – Erection
Ashoka Buildcon Limited	MDPE & Steelwork Chiplun , Conversion

Upstream (Offshore & Onshore)

- Process Platforms
- Wellhead Platforms
- Drilling Equipment
- PLEM (Pipeline End Manifold)

Client

Description

Oil and Natural Gas Corporation, Uran	PEC testing for Thickness measurement of Intermediate pump Discharge Header
Trilok fabricators , HPCL MR	LRUT & utm Turnaround job of Heaters at HPCL Mumbai
HPCL, Mumbai Refinery	OSI of Piping and Equipments
	Thickness survey by PEC of Insulated Piping Loops and Equipments
	Inspection of Fire Water Lines
	Onstream Comprehensive Inspect
Charote gas , Gujrat	HAZOP
J Kumar Infra	Bridge Structural Audit
Mangalore Refinery and Petrochemicals Limited	PEC of storage Tanks
HPCL, Mumbai Refinery , TA	TPI Inspection
Vedanta , Larsen & Toubro EEC group , Lanjigarh	Robotic PAUT Crawler
JB Engineering	Drill pipe Inspection
TATA Consuling Engineers Ltd.	Electric & Instrument Verification
Pipeline Infrastructure Limited	ARC NDT of 920 O4 Nos. compressor station
Tensa India Engineering Pvt. Ltd./ Deal	PWHT
Kruger Industries	CASTING OF ALUMINIUM
Mazagon Dock Shipbuilders Limited	Submarine MDL
Oil and Natural Gas Corporation	LRUT,PECT,PAUT,UTG,FFS

Our Rich Experience

- Sea Ports
- Inland Waterways
- Multi Modal Terminals
- Bridges
- Railways
- Electric Charging Stations
- Transmission & Distribution
- Airports
- Stadiums
- Manufacturing Units
- Special Economic Zones
- Dams & Irrigation Structures Roads
- Highways

ISO-9001-2015,

IBR APPROVED/IRCLASS/NABL APPROVED

- RBI RECOMMENDATIONS AND INTERPRETATION
- IN SERVICE INSPECTION/TPI
- CUI-CORROSION UNDER INSULATION PECT
- LONG RANGE ULTRASONIC TESTING
- PHASED AAREY ULTRASONIC TESTING
- WELDER TRAINING / CERTIFICATION/SUPPLY
- NDT LEVEL III SERVICES/NDT L-2 TRAINING
- RADIOGRAPHY TESTING (GAMMA & X-RAY)
- ULTRASONIC TESTING/ UTG
- MAGNETIC PARTICLE TESTING
- LIQUID PENETRANT TESTING
- HEAT TREATMENTS
- HARDNESS TESTING