



# Quality Evaluation And Systems Team Pvt Ltd.

## About Us:

Quality Evaluation And Systems Team (QUEST) was conceived and established in the year 1985. With four decades of experience, the Company has grown into a multi-sectoral and multi-disciplinary organization meeting the Quality Assurance needs of start-ups, small, medium, and large Public and Private Sector industries including MNC's

Today, we service the entire spectrum of Sectors across the economy, including those that are critical and uncompromising such as Thermal, Nuclear, Aeronautical, Space, Defence, Healthcare, Oil & Gas, General Engineering, Renewables, Infrastructure and others

## Our Vision:

To be a world class Customer Centric Enterprise

## Our Mission:

Our Mission is to be effective, futuristic, adding value to Customer by being Agile, Proactive, Innovative, Diverse & Socially Accountable

## We Value:

- Integrity, impartiality & confidentiality as integral part of work ethics
- Commitment to Customer perception & requirements
- Transparency in all transactions
- Agility and Adaptability to changing Industrial scenarios & Technology
- Accountability to internal & external stakeholders
- No conflict of interest
- Strict adherence to Code of Conduct, Safety & Environmental Regulations

## Certification & Accreditation:

- ISO 9001
- ISO 17020 (Type – A Inspection Body)
- IAF Codes
  - 17 - Basic & Fabricated metal products;
  - 18–Machinery & Equipment; 19a – Electrical Equipment;
  - 28 - Construction & related works; 22 - Wagon & Locomotives;
  - 26 - Gas supply (Piping); 31- PNGRB Audits;
  - 21- Aerospace

## Infrastructure:

### Corporate Office, Bengaluru



Pan India Branch Offices:

**South :** Bengaluru, Chennai, Coimbatore, Trichy, Hyderabad

**West :** Mumbai, Pune, Vadodara

**North :** Delhi & Hardwar

**East :** Kolkata

Services in & vicinity of Branches within 24 hrs & far off locations within 48 hrs from the nearest Branch

## Human Resources:

- Over 450 domain expert Engineers
- Post Graduates, Graduates and Diploma Holders in Mechanical, Electrical, Electronics, Metallurgical, Civil, Chemical, HSE disciplines
- Well versed in Indian and International Codes and Standards
- NDE Services by our Level – III & Level – II experts in RT, RTFI, UT, MPT, PT and VT
- Multi-disciplinary Manpower well distributed across Branches pan India

## QA / QC Services – domain expertise:

QUEST ensures adherence to Customer Specifications, reliability, safety, and functionality during each stage of the QA/ QC process.



This we ensure, through our robust Systems and Procedures. Our Services are comprehensive from the Raw Material stage through, material preparation, manufacture, assembly, add-ons where specified, and final testing

Quality Management Services are provided in the following Sectors covering :

## Power – Renewable(Solar/Wind / Hydro)

- Solar PV Module : Transformers, Inverters, LT / HT control & Transmission Equipments, Conductors, C&R Panels, SCADA, Solar Support / Wind Tower Structures, Fasteners, etc

- **Nuclear** : Components for the Nuclear Reactivity Mechanism, Fuel Loading Systems, Fasteners for Reactor Mechanism, and Nuclear System Components for the Naval Defence during manufacture & assembly

- **Thermal & Hydro Power** : Thermal / Hydro Plant equipment covering complete STG, Hydro Generator, Boiler, Balance of Plant, ESP, Cooling System, Coal / Ash Handling, Water Treatment, AC & Ventilation Packages: Connected Electrical generation, Control Room, Sub-station & transmission equipment

## **Aeronautics:**

Aircraft Engine / Landing Gear components, Fairings, Ground Handling Equipment, Simulator as per AS9100 & CE requirements

UAV's - Structures, Wings, Fuselage, Sub & final assembly stages including field Testing

Space Sector - Solar Array / Reflector Deployment Mechanisms, Launch Structures

## **Defence (Land, Air, Marine)**

Land based Equipment such as Truck or Tank mounted Bridging Systems, Launchers, Protective Cabins, Harnesses, Electronics, Hydro-pneumatic systems, to name a few.

Marine Defence - Under water Marine Systems in the area of fire arm launch mountings, Fluid Flow System of Nuclear Power Pack, Marine Launchers with stabilizers, long-range Binoculars

Stage & final quality service covers metallic, non-metallic, rubber, composite, textile components, Explosives, Propellants, Electrical / Electronic Control & Data System Elements, and witnessing EMI / EMC / ESS, qualification testing to validate reliability / performance of Products under various simulated conditions as per MIL and other relevant Specifications / Standards

## **Oil & Gas**

Supervision and Inspection Services for Oil & Gas installations. QC Services to various Public and Private Sector Petroleum Companies for Inspecting bought-out items, pipelines, and fire-fighting systems etc.

Empanelled by PNGRB for T4S Audit, IMS and ERDMP of CGD, NGPL, LPG, PPP, LNG and Petroleum installations

## **Healthcare**

We have expertise to inspect quality of Healthcare Equipment at the component, final assembly and testing levels / stages. Our Services cover CT Scanners, X-ray Machines (static & mobile), Ultrasound, and exported sub-assemblies

## **Cement / Iron & Steel**

Our comprehensive services in Cement, Iron and Steel Plants encompass from receipt of Material, manufacturing process, to the end product. Our Services cover, Civil & related works, Mechanical, Structural, Electrical, Control & Instrumentation, Material Handling, Testing, and HSE Services

## **Construction Machinery**

Road Construction & Heavy Earth Moving Machinery structures, base frames, booms, cabins, hydraulics, and other auxiliary components

- **Rail Transport** : Railway Wagons for use by Railways for Goods Transportation and the Private Sector for use in their Steel, Cement & other Plants covering the Under Frame, Wagon Body from Raw Material Stage, Air Brake Systems etc. We conduct a pre-shipment Inspection after finish to check on the Product and specified markings as per RDSO guidelines

## **Field Quality Assurance (FQA)**

Experience in providing Quality Assurance Services to over 50 large Projects covering Thermal / Nuclear / Renewable Energy Power, Petrochemical, Iron & Steel, Cement, Aerospace, and Defence. Our QA has ensured that Project Quality is met, minimizing risks and maximising success

Our QA includes, initial verification of Documents and revisions, quality standards, QA / QC plans and Testing

Our Services cover, Civil & related works, Structural, Mechanical, Electrical, Control & Instrumentation, Industrial Health & Safety, Material Management, witnessing of sample preparation / Testing and any other specific requirements. All the activities are monitored and ensured to be as per prescribed Standards, specification & approved procedures. Our highly experienced Engineers, in each of the fields deployed 24/7, apart from implementing the QA / QC processes, will also provide relevant

Documentation & Alerts as per the Standard Field, Statutory and Regulatory requirements

## Sectoral Services :

### Study of Industrial Assets & Safety Engineering :

Fixed Asset Management is essential for any Industry. Periodical assessment, monitoring, maintenance, and review of their condition with time is vital in mitigating risks associated with safety, unforeseen failures, reduced efficiency, increased downtime, to name a few. Our Audit Services guide optimization of Asset Management with lifetime usage and value

Our Team of experienced Engineers with certified Safety Auditors will help assess the current status of the Asset in respect of location, likely cause, severity, & identify the corrective actions which could include upgrading in line with the current Technology. Residual life study is possible on need. The Audit Report will enable the Customer in their short and long-term planning

### Supplier Quality Evaluation:

Industries are developing strong Supply Chains in order to grow, diversify, stay updated and meet time lines at competitive prices.

QUEST's comprehensive due diligence regime evaluates a Supplier's stability in terms of Business, Finance and Manpower Management as also current orders, technology, manpower, infrastructure, supplier quality, Human Resources, environment, timely delivery, and safety issues

### On-site Safety Engineering Services:

Our qualified Safety Engineers cover developing procedures and systems to protect the work force from illness, injury and damage or accidents involving all Construction Equipment. Safety Engineers are updated on current health, safety & Environmental policies, regulations, and relevant Industrial processes



They are trained in Supervising Site workforce and holding of pre-shift open communication Toolbox meetings encouraging retention of Safety concepts, fostering culture of safety, which are briefed in an understandable dialect

Our Engineers are trained to foresee possible potential hazards and pre-empt the same through proactive actions. They are familiar with environmental laws, maintenance of statutory

Documentation including Reporting to the Statutory / Regulatory bodies as may be required in association with the Site In-charge

### Thermal Power Plant overhauling :

QA Package during the Boiler & TG System refurbishment. Quantifying Erosion due to high pressures & temperature in the Steam Generation System and suggest replacement of tubes and coils in Water Walls, Super Heaters, Reheaters, Economisers, Air Preheaters, Fuel Firing Burner, Flu Gas Ducts

Witnessing Valve Servicing, Casing removal & fit-up, TG & FD / ID / PA Fan for Bearing wear and alignment. Verifying critical Pipe Line Hangers for cold and hot setting. Witnessing Boiler Hydro Test for compliance

## Customer Testimonials

### DRDO-ARDE, Pune

*"Involvement of inspector is highly appreciable, resulting into taking care of quality aspects"*

### L&T – Defence

*"Engineer of QUEST has simplified the documentation, material traceability of records for AARL project and ensured completion on-time. Coordinated well with TASL / BEL"*

### PKTCL

*"QUEST had executed the contract from April 2011 to Oct 2014 and their performance was exemplary and to our full satisfaction"*

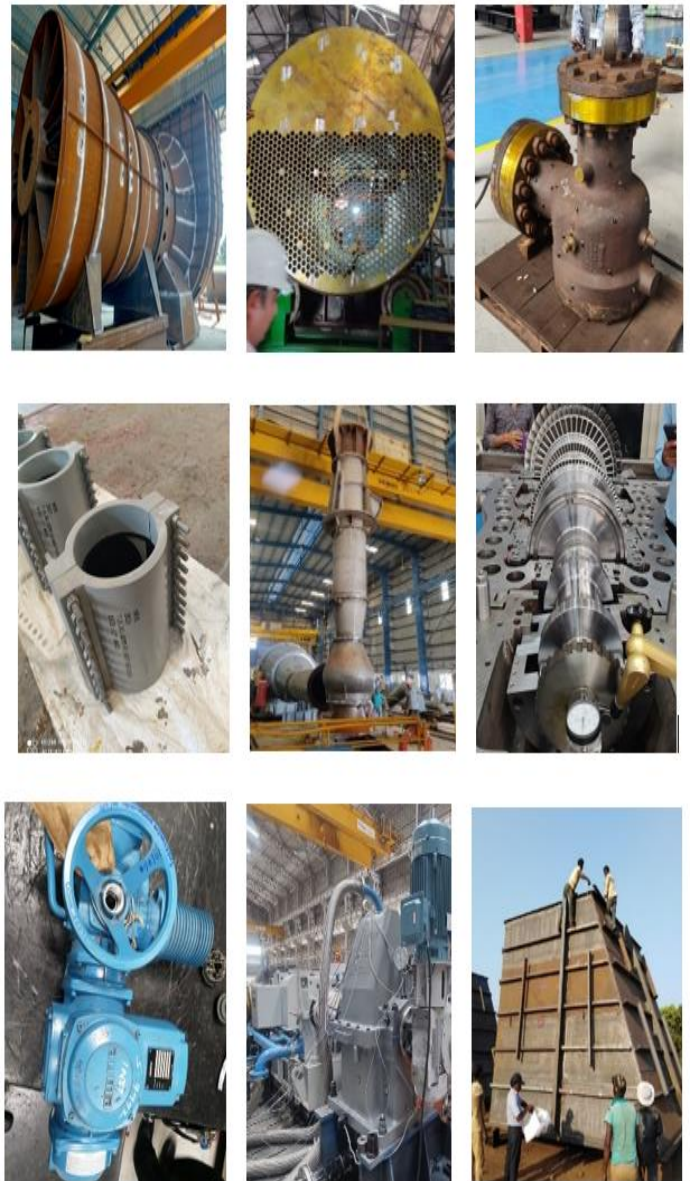
### Fichtner India, Chennai

*"They had executed the contract from June 2004 to Sep 2007, April 2008 & all supplies of Main Equipment & related auxiliaries from BHEL units & other related BOI have been completed successfully & QUEST performance was exemplary & to our full satisfaction"*

## Our Esteemed Customers



## Snapshots of our Domain Expertise



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