

# DELTA ENGINEERING SERVICES

A COMMITMENT OF QUALITY SERVICES
INSPECTION | NDT | MAINTAINANCE | MANPOWER OUTSOURCING

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#### **INTRODUCTION:**

**DELTA ENGINEERING SERVICES** a company established by a team of leading engineers, project managers and consultants with years of experience, leadingcutting edge and challenging projects in India and around the world.

We are working on challenging shutdown/projects globally and supported leading companies. Our standard of engineering and the services we provide speaks volumes, while the expertise and innovative solutions makes us unique.

**DELTA ENGINEERING SERVICES** has built an impressive track record in the area of inspection, Testing, quality assurance, manpower supply, training & certification, engineering consulting, quality audits etc. by serving sectors like oil and gas, Fertilizer, Power plants, Pharmaceutical's, railway's and manufacturing industries.

#### **OUR VISION & VALUES:**

**DELTA ENGINEERING SERVICES**-The quality of being honest and having strong moral principles.

As the name symbolizes our commitment to meeting our client's need and expectation. To us it is shared ideal that inspires and drives us. To you it is our promise that the unparalleled quality of our skills and services will deliver real and relevant value to your processes, products and brand.

Value that's felt in virtually every sector and all around the globe. Whether saving you time or money, or enhancing your brand's reputation, our true value lies in the confidence our expertise gives you to be powerful in your marketplace.

Our vision and values are closely aligned to our service delivery approach, the confidence of our clients in our team speaks volumes of our ability to retain key projects and the faith outstanding multinational clients. We are known for building long term and lasting client relationships.

#### **OUR SERVICES:**

- ➤ INSPECTION
- > TESTING
- MANPOWER OUTSOURCING
- VENDOR INSPECTION
- > QUALITY ASSURANCE
- PIPING Auto-CAD DRAFTING
- > TRANING AND CERTIFICATION
- > QUALITY AUDITS
- ➤ CONSULTING

#### **INSPECTION:**

DELTA ENGINEERING SERVICES for Inspection is one of the companies that specialized in inspection through providing inspection services in different fields and industries in accordance with international standards, codes and client specification in India

We provide our services in both new construction plants and in-service plants to ensure DELTA ENGINEERING SERVICES, reliability and fitness for service.

#### THIRD PARTY INSPECTION SERVICES:

DELTA ENGINEERING SERVICES Third Party Inspection team having experience in various fields and highly certified / Qualified to AWS, CSWIP, BGAS, NACE, API, ASME, ISO Lead Auditors.

Our Teams of Engineers ensure that the quality and performance of static equipment or piping systems meet applicable requirements to help to improve the DELTA ENGINEERING SERVICES, quality and efficiency of equipment and minimize the environmental impact of industrial activities.

Inspection is carried out in accordance to the rules and guidelines laid down by various International regulatory bodies such as: ISI, ASTM, ANSI, TEMA, ASME, API, DIN, etc. Our testing procedures and expertise of our highly qualified personnel allow detection of the defects and damage mechanisms at an early stage, thus saving time, energy and money.



#### OUR MISSION

#### **Our Mission**

"DELIVERING EXCELLENCE TO INDIVIDUALS, BUSINESS AND COMMUNITES."

Our mission statement reflect our commitment to offering the highest quality service to our clients, candidates and all the other stakeholders we work with, as well as the delivery of our corporate social responsibility program to help the wider community. It demonstrate how we continually strive to go above and beyond to provide exceptional service

#### **Our Commitment**

We undertake to repatriate on our own expenses if any candidate deployed by DELTA ENGINEERING SERVICES, who is found professionally or medically unfit or refuses to work specified by company with in a probationary period of 90 days from the date of his deployment.



#### **Our Vision**

"TO DELIVER WORLD CLASS PROFESSIONAL REQUIREMENT SOLUTIONS,TO EMPLOYERS & JOB SEEKERS IN EVERY RANGE OF DISCIPLINE" We provide the following services at your call...

- Pressure vessels API 510 certified inspector.
- In service pipe line API 570 certified inspector.
- Storage tanks API 653 certified inspector.
- AWS / CSWIP 3.1, 3.2 certified inspector for Welding and metallurgy inspection.
- NACE & BGAS certified inspector for painting / coating inspection.
- API 936 certified inspector for Refractory inspection.
- Experienced QA/QC for piping and equipment in in-service, new commissioning plants and manufacturing sectors.
- ASNT / PCNT Level II & III certified technician / Examiners for your NDT needs.
- Turnaround and shutdown inspection support.
- Following up all construction activities and testing for new piping systems as per ASME B<sub>3</sub>1 series.
- Following up welding activities including (Fabrication, repair, alteration, ... etc.) for both piping systems and static equipment.
- Evaluate fitness for service and assess the remaining life time for pipe lines and static equipment.
- Welder Qualification Witnessing, Welding Procedure Preparation, Welder Certificate Renewal.
- Dimensional inspection, Structural alignment and bolt tightening/tensioning inspection.
- Design, selection, applying and monitoring of cathodic protection systems (internal/external) for both piping system and static equipment.
- MTC review and Mechanical test witness for material.
- Quality plan, ISO documentation preparation for client.

## REQUIRED DOCUMENTS

The requirement of document usually varies country to country but principally these types of documents are essential such as;

Demand Letter
Power of Attorney
Service Agreement
Employment Contract
Guarantee Letter

To be able to obtain the approval letter from the Government of India. The following are, in principle, required for the government formalities and procedure

#### **TESTING:**

#### CONVENTIONAL NON-DESTRUCTIVE TESTING

We provide skilled, experienced and certified NDT technicians as per client's requirements.

Conventional Non-destructive Testing (NDT) describes a process in which welds, materials or equipment can be examined for various types of discontinuities such as cracks, weld discontinuities, corrosion, or wear that does not require the destruction of the component being tested.

Our NDT team provides certified inspectors with the capability to choose the right method to solve the inspection or testing challenge that any industrial project might face. As a result, we perform shop or field inspections wherever required to any codes, standards or customer specification.

#### Conventional NDT Services We Provide:

- Visual Testing (VT).
- Ultrasonic Inspection (UT).
- Ultrasonic Thickness Gauging.
- Magnetic Particle Testing (MT).
- Positive Material Identification (PMI).
- Liquid Penetrant Testing (PT).
- Hardness Testing.
- Heat Treatment Services (Local & Stress Relieve).

#### MANPOWER OUTSOURCING:

We provide supply for skilled manpower for welding, fabrication, cleaning, maintenance & hydrotesting of Piping and static equipment's in refinery, petrochemicals, power plants, manufacturing in India and Overseas.

Our manpower outsourcing offers opportunities to focus your capital and human resources on core activities, allowing you to achieve your commercial and technical goals more quickly and at a lower cost.

#### **VENDOR INSPECTION:**

At your call we provide vendor inspection for varieties of equipment like Tanks, pressure vessels, equipment's manufacturing stages, raw material inspection, valves & fittings etc. Our experience covers a wide variety of projects, from structural steel and furnace fabrication to heat exchangers, pressure vessels, Plates, valves & fittings, valves, steam Turbines, stacks, tanks, electrical components, pipe, pumps and compressors.

You save the considerable cost of coordinating an in-house system and can be confident your vendors are performing at peak efficiency with our complete surveillance service.

#### **QUALITY ASSURANCE:**

We share your understanding that quality is as much about the perception of consumers as it is about controlling your manufacturing processes. Our testing, auditing, inspection and certification of your systems, processes, raw materials and products can help you to fulfill all expectations. Quality assurance, safety and training programmers are tailored to your needs at every stage from concept through to distribution to help you meet industry standards and adopt global best practices for your business.

#### PIPING DESIGN AND DRAFTING:

Piping design and drafting services is most important feature for industrial project like Refinery, Petrochemical, Chemical, Pharmaceutical & Nuclear etc. Our design team is well verses in making P&ID, Isometrics, piping layouts drawings as per filed design. Our team pays special attention to the layouts & maintenance problem while designing the system. Placing of control valves, ease of operation, cost effective pipe routing, optimum pipe size calculations, piping support design etc. are jobs executed for your projects. We use latest software technology for design of complex piping system related to process & utility services

- P&ID
- Isometric Layouts
- · Drafting Piping Layouts
- Piping Detail Drawings
- Plant Drawings
- Pluming Layout

#### TRAINING AND CERTIFICATION:

DELTA ENGINEERING SERVICES have a qualified instructor's team which provide continual training in the following courses:

ASNT / PCNT Level I and II in various methods such as RT, UT, MT, PT, VT, ET.

API preparatory courses

ASME preparatory courses.

Welding Inspection/ technology preparatory courses.

Painting inspection training.

Preparation of ITP, QA/QC

#### **QUALITY AUDITS:**

Auditing adds operational value as well as providing you with assurance of your business performance and compliance with statutory obligations. We can conduct independent audits of your own organization (third-party), or audit other businesses on your behalf (second-party). Our client-focused services range from verifying individual processes, to third-party certification of management systems, to full supply chain inspection, development, safety and compliance checks. These are supplemented by training and business solutions that can be customized to your requirements.

#### **CONSULTING:**

DELTA ENGINEERING SERVICES experienced team of senior consultants have established expertise in troubleshooting, high-level analysis and problem solving for sectors like refinery, petrochemicals, offshore, manufacturing for erection, maintenances, repair, remaining life assessment designing etc. in given field depending upon the operating parameters, safety, client requirements and within the time frames, In-order to achieve your goal of success in competitive market.

#### **OUR EXPERTISE:**

- 1. Turnaround Inspection For complete turnaround support, DELTA ENGINEERINGSERVICES provides experienced personnel, technical resources, equipment, and project management. DELTA ENGINEERING SERVICES is large inventory of testing equipment and technical programs are designed to meet all your inspection requirements. Experienced project managers ensure that your turnaround is completed smoothly and on schedule.
- 2. Refinery Equipment Inspection of all areas of plants: Pressure Vessels & DrumsPiping & Headers Towers & Reactors Internal Trays Heat Exchangers Fired Heaters, Furnace Boilers Valves & Pumps Separators & Regenerators Rotating Equipment Crane Hooks & Lifting Equipment Storage Tank.
- 3. Manpower supply for shutdown/Turnaround for welding, fabrication, erection, maintenance and hydrotest of static equipment's and piping in India
- 4. Supply of NDT teams for conventional NDT of piping and equipment's inshutdown/turnaround, manufacturing and fabrications in India

#### COMPANY CERTIFICATIOS:



सत्यमेव जयते GOVERNMENT OF INDIA

MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES



#### **POLICY STATEMENT:**

It is the stated objective of DELTA ENGINEERING SERVICES to provide a quality of service consistent with the highest of professional standards in meeting the Client's needs.

We in DELTA ENGINEERING SERVICES are committed to the concept of Quality Assurance as defined in codes and standards. This description of DELTA ENGINEERING SERVICES Quality System forms the source from which the detailed procedures, specific work instructions, and the basis on which the Project Plan for each individual project will be prepared.

No organization or service is ever static and DELTA ENGINEERING SERVICES will work continuously to improve the quality of service it is able to offer its clients. This is achieved through regular review of performance, working methods, and training of staff. Responsibility for upgrading and maintaining the Quality System and conducting internal audits rests with the Quality Assurance Manager.

Every individual member of DELTA ENGINEERING SERVICES staff has a responsibility for and will participate in implementation of the Quality System.

#### **CONTACT US:**

#### **DELTA ENGINEERING SERVICES**

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AWAITING FOR YOUR KIND AND FAVOURABLE RESPONSE
!!!THANK YOU!!!





