

THE POWER OF EXPERIENCE



www.gete-ndtjordan.com

OUR SERVICES

With this association, we are able to provide testing and Inspection service in all kind of Non- Destructive Testing for Oil and Gas industries. Including exploration, transmission, refining, storage facilities, power generation, steam boilers etc. Our expertise has been applied in many fields, including new construction and in-service inspection of items such as welds, turbines, vessels, erosion/corrosion surveys, lifting devices.



NON-DESTRUCTIVE TESTING:

- Gamma Radiography (Iridium192-),
- X-ray (Ported Tubes / Internal Crawler Units),
- Ultrasonic (Thickness and Flaw),
- Magnetic Particle (Wet Fluorescent and Dry),
- Liquid Penetrant (Visible and Fluorescent),
- Hardness Test,
- Vacuum Box Test,
- Holiday Test,
- Hydrostatic Tests, and
- Blasting and Coating Inspections.

VISUAL / SURVEILLANCE INSPECTIONS:

- Welding Inspection,
- Dimensional Verification (Micrometers to 36 OD), and
- QA/QC Inspectors.

QUALITY CONSULTING SERVICES:

- Preparation and Presentation of Employee Training Programs,
- Procedure and Specification Preparations, and
- Quality Systems Review.

WELDER / WELDING PROCEDURE QUALIFICATIONS:

- Procedure Establishment,
- Test Monitoring,
- Destructive & Non-destructive Testing, and
- Document Preparation and Review.

ULTRASONIC TEST:

Ultrasonic Inspections are quickly becoming the next "high tech" NDE method of the future. Gulf Engineering Testing Est. utilizes several different UT methods, scopes, and specialized equipment in order to perform the inspections that are required in today's industries. Gulf Engineering Testing Est. Inspection Services Technicians are capable of performing numerous Ultrasonic testing techniques, utilizing existing procedures, or developing specialized applications.

Shear wave / Angle Beam Inspections In order to meet the demands of today's industries, NDE inspection must be accurate, flexible, and possess the ability to perform inspection techniques that comply with numerous industry standards. Our technicians are well qualified and routinely perform ultrasonic weld quality inspections in accordance with ASME, AWS.



RADIOGRAPHY TEST:

Industrial Radiography has been the backbone of the NDE industry for over 50 years. Gulf Engineering Testing Est. is fully committed to that industry. We have 4 mobile RT units available 24 hours a day 7 days a week.

Gulf Engineering Testing Est. are qualified and certified to Level II in accordance with SNT - TC - 1A and the Gulf Engineering Testing Est. written practice. We provide NDE and inspection services, including radiography, in all aspects of the oil and gas

industry, including exploration, transmission, refining, storage facilities, and all related support industries. At Gulf Engineering Testing Est., we are capable of performing all inspections and coordinating any inspection project on a local, statewide, or worldwide level.



LIQUID PENETRANT TEST:

Liquid Penetrant Inspections are the simplest, most effective way to verify and identify open to the surface discontinuities. Penetrants can be used on almost any material, such as plastic, glass, ceramics, carbon steels, stainless steels, aluminum, exotic alloys... the list is endless.

Gulf Engineering Testing Est. maintains numerous working procedures, techniques, and penetrant materials that have been specifically designed to ensure that the desired inspection criteria for any project is met or exceeded. Gulf Engineering Testing Est. has visible dye and fluorescent dye capabilities to compliment a project of any size, from the smallest parts, to the largest vessels or sphere.

All Gulf Engineering Testing Est. penetrant materials are used with environmental and safety concerns in mind. All of our written procedures and inspection techniques include sections regarding testing material management, including LOX environments,

reactive possibilities, material contamination, and inspection site material containment.



MAGNETIC FLUX LEAKAGE TEST:

Above Ground Tank Inspections The required inspections of above ground storage tanks has finally been recognized as a vital necessity in the integrity and environmental programs of responsible operators worldwide.

Gulf Engineering Testing Est. Routinely supply our customers with complete tank inspections, including visual inspections performed by a certified API 653 Inspector, Ultrasonic surveys, Magnetic Flux Leakage testing, and complete documentation of all inspections performed. Applying a new inspection technology, the standard visual and ultrasonic inspections of tank floors has recently been complimented by the application of Magnetic Flux Leakage Inspections. Gone are the days of relying on hammer tests and spot ultrasonic floor inspections.

Gulf Engineering Testing Est. can provide near %100 inspection of storage tank floors in a thorough and cost effective manner.

The MFL Inspection will accurately reveal corrosion pitting and wall loss on both the interior of the tank floor and the previously inaccessible underside of the tank. The MFL test sweeps the floor of the tank as technicians mark areas to be verified by visual inspections and ultrasonic testing. The information collected by tests conducted by Gulf Engineering Testing Est. technicians and inspectors can be used to establish an existing baseline for the tank, or to determine remaining wall and fit for service corrosion calculations. Gulf Engineering Testing Est. tank inspections allow the customer to be aware of any potential trouble area, and provide the means in which to monitor the area of concern.



MAGNETIC PARTICLE TEST:

Magnetic Particle Inspection is the premier NDE method for simple detection of surface and slight subsurface discontinuities in ferromagnetic materials. Utilize Gulf Engineering Testing Est. numerous visible powder and florescent magnetic particle procedures in order to provide competent inspections as required by applicable code or specification. Gulf Engineering Testing Est. technicians are certified in accordance with SNT TC1-A. Our applied procedures and techniques are in complete compliance with the requirements of ASME, API, AWS, and



another Specifications, and have been reviewed and accepted by Quality Assurance auditors on many of the most prestigious projects in our industry. A reviewable permanent record is available on any Gulf Engineering Testing Est. MT inspection. Gulf Engineering Testing Est. technicians utilize numerous recording methods, including digital video and photography that can be enhanced by our own computer programs and submitted along with a detailed Magnetic Particle Inspection report. Using additional NDT methods, any Magnetic Particle Inspection can be thoroughly supplemented, or suspect indications positively confirmed by technicians or inspection personnel. Gulf Engineering Testing Est.

BLASTING (PAINTING & COATING) INSPECTIONS:

- Temperature and Humidity Inspection,
- Surface Profile Inspection,
- Salt Contamination Test Inspection,
- Needle Inspection,
- Wet Film Thickness (WFT), and
- Dry Film Thickness (DFT).





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