

GIS

The Choice of the Professionals
Since 1982

www.gismaea.com

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Saudi Arabia

Bahrain

Qatar

UAE

Korea

NON DESTRUCTIVE TESTING & INSPECTION COMPANY

www.gismaea.com

GIS Group of Companies

- ❖ UAE GIS MUTAWA INSPECTION SERVICES L.L.C.
- ❖ QATAR GLOBAL INSPECTION SERVICES W.L.L.
- ❖ BAHRAIN GIS MUTAWA INSPECTION SERVICES W.L.L.
- ❖ SAUDI ARABIA AL MUTHWA SAMYONG NDT CO. LTD.
- ❖ KOREA INSCO - INSPECTION & SOLUTION CO. LTD

QUALITY POLICY

GIS is committed to providing quality services relating to Non-Destructive Testing (NDT), which complies with the specified and implied requirements of our clients and is fit for the purpose which is intended.

The management and staff of GIS are committed to implement and uphold an effective Quality Management System in line with ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007 & IDT International Standard requirements and other applicable legal requirements.

The objectives of our Company are to fulfill the customers' needs and expectations, achieve a higher customer satisfaction level by providing timely, high quality and cost effective services to customers, while giving fair and consistent return to all related stakeholders.

GIS continues to improve the effectiveness of its Quality Management System by establishing, reviewing and accomplishing our quality objectives. The Management of GIS ensures that this Policy is communicated, understood, implemented and maintained throughout the organization.

ABOUT US

GIS have been operating in GCC region since 1982 with the purpose of providing reliable, high quality, cost effective Non-Destructive Testing and Inspection services to the oil, gas, petrochemical, cross country pipelines, power plants, desalination plants, construction and heavy fabrication sectors.

From the start, GIS has pursued a policy of sustainable growth always ensuring that it has the capacity to undertake new and varied works without jeopardizing its existing contracts. This policy has resulted in an enviable reputation for reliability and performance.

With customer satisfaction as the driving force, GIS has sought to stamp its authority on those activities for which it has gained a reputation for Quality and Reliability among its Clients. Any diversification or expansion thereafter has been carefully measured against market requirements and further trends. This has resulted in the proper and effective utilization of available resources.

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ISO 9001:2008



MISSION

To achieve and maintain the highest level of customer confidence and satisfaction, GIS is committed to provide timely, high quality, cost effective Non-Destructive Testing and Heat Treatment Services.

CUSTOMER SATISFACTION IS THE HIGHEST PRIORITY OF GIS

WITH YEARS OF EXPERIENCE GIS SPECIALIZED IN VARIOUS INDUSTRIES

POWER & DESALINATION PLANTS

TANK FARM

PETROCHEMICAL PLANTS

CONSTRUCTION & HEAVY FAB.

OIL REFINERY

SHIP BUILDING & REPAIR



- Remaining wall thickness measurement of vessels, pipelines and other Components using Ultrasonic Thickness Gauge.
- Profile Radiographic Testing (RT)
- Flaw Detection using A-scan technique to check the welds, plates, turbine blades and parts, bearings etc.
- Magnetic Particle Testing (MT) and Penetrant Testing (PT) on welds, fasteners and fittings to find services induced defects.
- Positive Material Identification (PMI) to verify the material composition and grade of the components.
- Radiographic Testing (RT) to check the integrity of the welds and fittings.
- Heat Treatment services to relieve stress after welding and machining.

- Magnetic Flux Leakage (MFL) Test to check the base plates of the tank for corrosion and other degradations as well as pitting.
- Vacuum Box Test to check the integrity of floor plates welding joints.
- Ultrasonic Testing (UT) of floating roof deck, roof vents, man way, and roof support sleeves.
- Magnetic Particle Testing (MT) on ring joints between floor, annular plates and bottom shell, floors and roof lap joints, strike plate welds, tank shell nozzles, deluge and foam line.

- Remaining wall thickness measurement of vessels, pipelines and other components using Ultrasonic Thickness Gauge.
- Perform profile Radiography (RT) to ascertain the remaining wall thickness and blockings.
- Magnetic Particle Testing (MT) and Penetrant Testing (PT) on welds, fasteners and fittings to find services-induced defects.
- Positive Material Identification (PMI) to verify the material composition and grade of the components.
- Radiographic Testing (RT) to ensure the integrity of welds and fittings.
- Heat Treatment services to relieve stress after welding and machining.

- Radiographic Testing (RT) to check the integrity of the welds and fittings.
- Ultrasonic Testing (UT) to check weld integrity, material inspections etc.
- Magnetic Particle Testing (MT) and Penetrant Testing on welds, fasteners, fittings, etc.
- Heat Treatment services to relieve stress after welding and machining.
- Positive Material Identification (PMI) to check the material composition and grade of the components.

- Remaining wall thickness measurement of vessels, pipelines and other equipment using Ultrasonic Thickness Gauging technique.
- Perform profile Radiography (RT) to ascertain the remaining wall thickness and blockings.
- Magnetic Particle Testing (MT) and Penetrant Testing (PT) on welds, fasteners, fittings to find services induced defects.
- Radiographic Testing (RT) to check the integrity of welds and fittings.
- Heat treatment services to relieve stress after welding and machining.
- Positive Material Identification (PMI) to check the material composition and grade of the components.

- Corrosion survey and remaining wall thickness measurement on hull plates using Ultrasonic A-Scan equipment.
- Performing Radiography (RT) testing on fillet and butt welds on plates and internal piping to check the integrity.
- Magnetic Particle Testing (MT) and Liquid Penetrant Testing on heavy duty cranes, boat davits, deck cranes, derricks, capstans and anchor windlass
- Perform ferrite test to find the ferrite content of weld metal.

ADVANCED NDT

- PHASED ARRAY ULTRASONIC TESTING/TIME OF FLIGHT DIFFRACTION (PAUT / TOFD)
OMNI SCAN MX
- VIDEOSCOPE
OLYMPUS IPLEX - LX
- AUTOMATED ULTRASONIC TESTING (AUT)
OLYMPUS PIPE WIZARD
- TUBE TEST (ECT, IRIS, RFT & MFL)
OLYMPUS MS 5800 WITH ACCESSORIES
- LRUT (GUIDED WAVE UT)
GUIDED WAVE ANALYSIS L.L.C. - USA (MsSR3030R)

NON-DESTRUCTIVE TESTING



ONLY THE BEST-TRAINED AND THE MOST DISCIPLINED WILL EXECUTE THE WORK,
DELIVERING **HIGH PRODUCTION**

- RADIOGRAPHIC TESTING
- ULTRASONIC TESTING
- MAGNETIC PARTICLE TESTING
- PENETRANT TESTING
- TIME OF FLIGHT DIFFRACTION (TOFD)
- PHASED ARRAY UT (PAUT)
- AUTOMATED UT (AUT)
- CLOSE PROXIMITY RADIOGRAPHY
- MAGNETIC FLUX LEAKAGE (MFL)
- VACUUM BOX TESTING
- HEAT TREATMENT (PWHT)
- HARDNESS TESTING
- POSITIVE MATERIAL IDENTIFICATION (PMI)
- FERRITE CONTENT MEASUREMENT
- LEVEL III CONSULTANT

- EXPERIENCE HIGHLIGHTS
- SUPPORTING DOCUMENTS



QUALIFIED INSPECTORS

Our most valuable asset in GIS are our highly qualified Inspectors. Thus high importance is being placed on recruiting, training and retention. Training and certification of our personnel are prioritized, ensuring professional and competent Inspectors are deployed to Clients. The GIS Inspectors are all certified with NACE, CSWIP, AWS and BGAS.

Our continuous training and year long sourcing of the right candidate to fill-up our expanding division ensures that qualified and experienced personnel are at hand and ready. GIS hires and develop its own employees and does not freelance, giving our Clients the assurance of a well-done job.

INSPECTION



THROUGH YEARS OF **EXPERIENCE**
GIS HAS PROVIDED RELIABLE INSPECTION
SERVICES TO ITS CLIENTS

PLANT INSPECTION
API 510 / 650 / 620 / 1104

INSPECTION ENGINEERING

QA / QC INSPECTION

PRESSURE VESSEL INSPECTION

CSWIP WELDING INSPECTION

PAINT / COATING INSPECTION
NACE/BGAS

MECHANICAL INSPECTION

ELECTRICAL INSPECTION

VENDOR INSPECTION

EXPEDITING

- EXPERIENCE HIGHLIGHTS
- SUPPORTING DOCUMENTS

