

MASA

MASA PETROLEUM SERVICES

ماسة خدمات البترول

Introduction:

We have gained considerable competence within services not only in class training but also for both offshore & onshore oil and gas production.

For many industries, a continuous production is a vital factor. Therefore, any risk of disruption of the output has to be minimized through a high quality maintenance service. Masa Petroleum Services provides leading professional professors, inspectors, high quality and efficient testing inspection at competitive rate.

✚ Qualified QA/QC and welding procedures.

✚ Experienced and qualified construction workers.

✚ Non-destructive Testing Services (NDT).

✚ Corrosion control management system.

Our company is well prepared to undertake full inspection, maintenance, blasting, painting and testing of any package:

✚ Steel Structure: Bridge, Catwalk, ladder, skid, lifting beam, equipment support (Chassis, pipe support)

✚ Tank: Buoyancy, Storage (Oil, Water, Chemicals)

✚ Off/Onshore Piping, Pressure vessels modules, Containers & baskets.





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We are always ready to satisfy your requirements and we are looking forward for fruitful cooperation with your valuable firm.

Masa consultant, we value RESPECT for all individuals in a teamwork-driven environment:

People – Environment – Teamwork - Ethics – Customer

Safety – Results

Mission, Vision, Values:

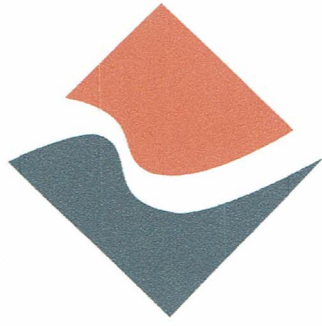
MASA Petroleum Services Co. Objective is to maintain its competitive advantage as a domestic leading company and to open up new markets in neighboring countries. Our

vision is to be the region's primary choice for Oil & Gas Services. This will be achieved by:

- ✚ Committing ourselves to continuous improvements and innovations.
- ✚ Providing excellent service by a team of dedicated employees.
- ✚ Maximizing our customers' commercial benefits and becoming an integral part of their strategies.
- ✚ Sustaining and preserving our environment for future generations.

We offer concepts, consultancy, and technical supports that deliver unique customer value through practical solutions that secure high operational reliability.





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We look forward to build long-term partnerships with our clients by offering our expertise and reliability. Our core skills are in facility integrity management system including not only but also Cathodic Protection Systems, project efficiency and performance in harsh environments".

✚ Masa Provides quality inspections and qualified inspection professionals in the Non-destructive Testing field, at a fair and competitive price. Our team is dedicated to, and actively involved in the quality improvement process.

✚ Using our Talents, we save clients engineering effort, satisfy our employees and provide work opportunities.

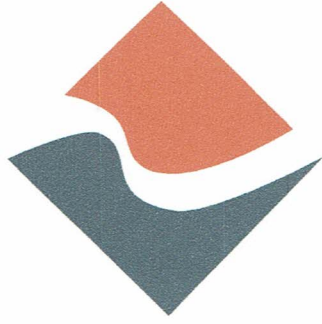
✚ We believe in simple and transparent approaches. Integrity and trust are worthiness defined.

Masa provides the required written specification details including the procedures to be followed and the required documentation to complete projects based on allowable time periods, economics, and application techniques.

- ✚ Masa Provides your company with:
- Services in accordance with specifications
 - Timely Services
 - Clear & Accurate Data
 - Quality System Standards

We are dedicated to contribute the region's economic vitality, sustainable growth, and





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enhanced quality of life while being known for integrity and creating stakeholder value. Since we are recognized fore-designing processes, managing information and providing solutions that deliver a competitive advantage to our customers, we will be the leading, next generation oil & gas service company.

Company Activities & Capabilities:

NDT Training & Certification:

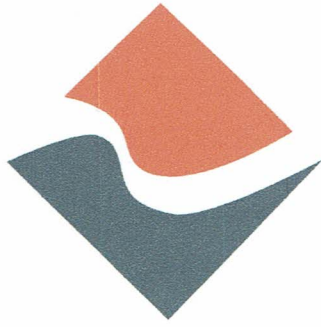
We offer training courses in all methods of Non-destructive Testing including:

- ✚ Conventional - Ultrasonic Testing (UT)
- ✚ Conventional - Radiographic Testing (RT)
- ✚ Conventional - Magnetic Particle Testing (MT)

- ✚ Conventional - Penetrant Testing (PT)
- ✚ Mobile Welder Qualifications
- ✚ Coatings Inspection (advanced)
- ✚ Weld Procedure/Performance Qualification
- ✚ Corrosion Testing (advanced)
- ✚ Vacuum Box Testing
- ✚ Heat Treatment (HT)
- ✚ Hardness Testing
- ✚ In house training for blasters, painters, supervisors, managers, engineers, and inspectors. From apprentice to experienced coating personnel.
- ✚ HAZOP Training & Practice.

These courses are conducted in accordance with ASNT SNT-TC-1A Recommended Practice for training and certification of NDT personnel.





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NDT Level III Consulting:

Our ASNT qualified NDT level III personnel will provide consultation and assistance in the following:

- ✚ Inspection Method Selection
- ✚ Inspection Test Plan Preparation.
- ✚ Technical Reporting
- ✚ Codes and Specification Interpretation
- ✚ Procedure Qualification
- ✚ Written Practice and Test Procedure Development for new and existing Projects/Industries.

The qualification of personnel and procedure are vital in Non Destructive testing to assure

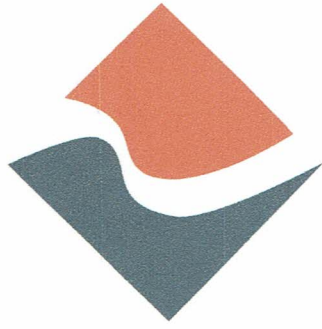
high quality of tests complying with relevant codes and specifications.

NDT Inspection Services:

Inspection is dedicated to providing you with leading professional professors, inspectors, high quality and efficient testing inspections, at a fair and competitive rate. Our inspectors participate in continuing professional development, quality assurance, and industry specific training courses.

Our company is fully staffed with the capability and capacity to completely provide compliant program management services to ensure complete quality and satisfaction with your end Projects.





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Cathodic Protection Consulting:

Training:

Our company staff provides successful Cathodic Protection consulting to the Oil, Gas, Petrochemical, Water and Power Industries. Specific activities and have the availability to train your personnel on CP and corrosion topics.

Engineering:

- ✚ Cathodic protection surveys
- ✚ Current requirement testing
- ✚ Soil receptivity surveys
- ✚ CP system performance evaluations
- ✚ Design of CP Monitoring Systems
- ✚ Design of cathodic protection systems
- ✚ Design reviews
- ✚ Technical support during construction & Commissioning

- ✚ CP Materials and Installation through Corrosion Service (in future)
- ✚ Corrosion Failure Analysis

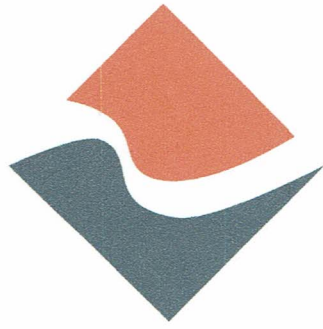
Installation supervision:

Our field service engineers and technicians are trained to observe the surroundings, take pictures of the environment, collect soil and water samples, and ask questions regarding the application and operating history of the failed structure. The results of this testing, combined with the information gathered regarding the environment, application and operation history enable us to provide a detailed forensic report.

Manpower Supply:

Our team is trained not only in the class room, but in the field by the best instructors





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in the NDE/NDT field. We provide one of the most comprehensive continued education programs in the industry, to ensure that our team is knowledgeable in the most current inspection methods.

Our experience and dedication to your company's needs set us apart from the competition.

Our clients benefit from our Inspectors' in-depth knowledge of construction materials due to their experience as vendor inspectors of various fabricators in the field.

All inspectors are certified to ASNT Recommended Practice No.SNT-TC-1A standards, and are provided with a comprehensive continued education

program to ensure that they are trained to current industry standards.

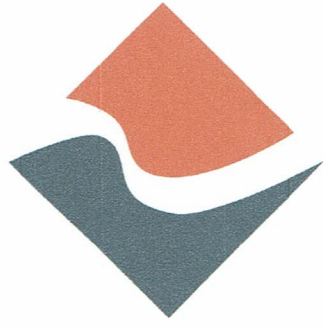
Specialized plant inspectors such as API-510, Pressure vessel inspector main function is to ensure an efficient process of operation, repair, alteration and maintenance of Pressure vessels in a plant.

Inspection Engineers

We can supply site QA/QC inspectors covering the following activities:

- Site Material Receiving
- Welding Inspection (CSWIP)
- Piping inspection
- Electrical and Mechanical inspection.
- Pressure Vessel Inspection
- qualified Coating inspectors certified in international organizations such as NACE and B/CSWIP





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We have the ability to source both locally and overseas the most qualified personnel to fill in your vacancies. Their abilities cover the fields of mechanical, piping, instrumentation or electrical in the position of:

-  Project manager
-  Senior Engineers
-  Foreman
-  Scaffolder
-  Welder
-  Painter
-  Other operators

All Personnel are provided with valid certificate, Safety training and personal hand tools if needed.

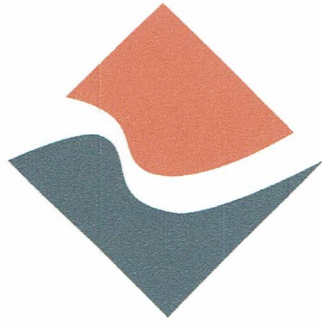
Project list / Experience:

1. Visual & Ultrasonic Scan on 12" Oil Pipeline, 20 Km, On Al- Amal Co. (AMAPETCO).
2. NDT & quality control of 2 new spherical tanks on Eastern Petrochemical Co., El Sokhna.
3. NDT & quality control of 2 new spherical tanks on Damitta Power Station.

List of Equipment:

Serial	Type	Quantity
1	GAMA-RAY Projector (Ir 193)	2
2	Dark Room Equipment and Accessories	2
3	Survey Meter & Radiation Safety	8





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	Set.	
4	Ultrasonic Flaw Detector	4
5	Remote Visual Inspection for Small Bore pipes by Video Camera Model Snake Eye	1
6	Electromagnetic Yoke AC/DC	3
7	Permanent Yoke	3
8	Vacuum Box.	3
9	AWS Bag Tools	3
10	Ultrasonic Thickness Gauge	4
11	Heat Treatment 70 KVA	1
12	Heat Treatment 240 KVA	1

13	Eddy Current Equipment	1
14	Time Of Flight diffraction (TOFD)	1
15	Wet Film Thickness Comb	5
16	Dry Film Thickness Comb	5
17	Elcometer 345	3
18	Digital Thermometer	2
19	Holiday Detector	4
20	Film Drying Cabinet	3

