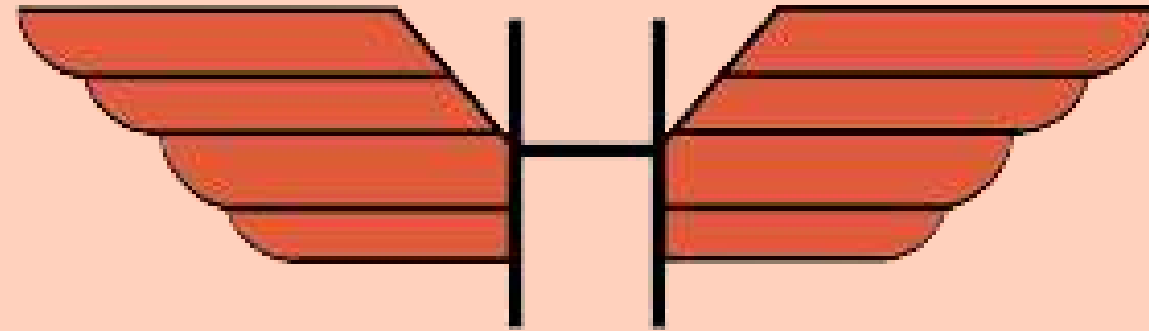


HAJARIS ARABIAN COMPANY LIMITED

since 1982



HAJARIS

HAJARIS ARABIAN CO. LTD.

Email : info@hajaris.com

Mobile: +966 599582283

Tel: +966 -13-363 0290 Ext.-101

Website: www.hajaris.com





CONTENT:

- HAJARIS'S OVERVIEW
- OUR MAJOR TEAM / EXPERTISE
- OUR MAJOR CIVIL SERVICES
- LAND PREPARATION/ LEVELING
- BRIEF ON OUR MECHANICAL SERVICES
- ADVANCED MATERIAL
- TESTING LABORATORY
- SERVICES MAJOR CLIENTS

HAJARIS'S OVERVIEW : -

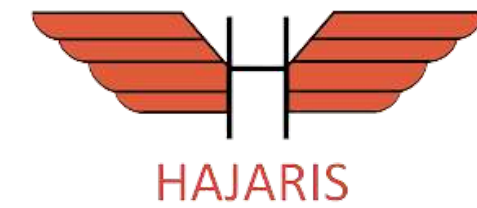
HAJARIS ARABIAN COMPANY was established in 1982 with Head Office in Al Jubail, Kingdom of Saudi Arabia with branches in Riyadh. HAJARIS is as a fully owned by Saudi. HAJARIS ARABIAN COMPANY LIMITED is fully committed to realizing its customer's requirements as per its Quality Management System ISO 9001:2015, HACL has successfully completed several projects and contracts for a vast number of satisfied customers. Our mission is to aim to be the preferred global service provider of leading knowledge-based Multi-disciplinary Maintenance activities & Material Testing Companies by achieving the highest level of satisfaction & confidence from customers and by producing quality jobs at competitive cost on timely manner.

We offer, Turnaround, Emergency Shutdown, Heat Exchanger Repair & Maintenance, Re-tubing, Hot Tapping, Hydro testing, Mechanical, Civil, Electrical & Instrumentation Construction Maintenance, Sand blasting, Electropolishing, Fabrication, Lamination, Chemical Cleaning, Cathodic Protection, Catalyst replacing, Coating, FRP Works, troubleshooting, Pipeline project, Security System etc, Manpower and material supply. We also offer Third Party Inspection services, In-situ Metallography, Metallurgical activities (Failure Analysis, RLA, FFS), Macro Analysis, Corrosion testing and Material Testing from in-house well-established Mechanical Testing Laboratory accredited by ISO 17025, ISO 45001:2018, SABIC & Aramco certified. In addition, we offer also Conventional & Advanced NDT with collaboration with reputed Aramco approved organization.

HAJARIS has been certified for "R & U" Stamp for Manufacture of pressure vessels, Repairing & Maintenance by ASME.

We offer our services all over in GCC with most highly qualified Metallurgist, Mechanical, Electrical & Instrumentation experienced specialists / experts / Engineers, Fabricator, Welder, Designer, Laminator and Doctorate experts to support client's technical issues with proper recommendations.

HAJARIS MAJOR TEAM / EXPERTIES :-



Rehmat Ali, Mech. Engineer, General Manager (GM) Ex - OLYAN DESCON 30+ Exp. In Manufacturing, Fabrication, Management, Business etc.



Dr. Keshab Barai, PhD, Metallurgist Technical & Operation Manager (T&OM) Top R & D, Ex-SABIC, NDT & I, 24 + Exp. In FA, RLA, FFS, Microscopy, CA, AIM, Metallography, Corrosion, Lab development etc. Good Publication in scientific Journal



Dr. Mukesh K Sharma, PhD, Metallurgist, Chief Consultant Top R & D, DNBGL, TPI, 30 + Exp. In FA, RLA, FFS, RBI, AIM Corrosion, Condition & Risk Assessment Good Publication in scientific Journal



Dr. Shahreer Ahmad, PhD, Materials, Chief Consultant Ex-SABIC, SWCC, 30 + Exp. In FA, Microscopy, Mechanical, Corrosion, Q & C Good Publication in scientific Journal



Muneer Hussain Chohdary Civil Division Head projects management Exp. 25 years Aramco, Sabic and private sector.



Mohamed Taher Masood Finance Director

Ex - OLYAN DESCON 30+ Yrs, in Finance



Hafiz Tanveer Ahmed - Admin & Procurement Manager , Master in Commerce - Ex - HAJARIS 15Yrs+



Yousuf Murrutuza Project in Charge- Ex - SBG, PCM , ICOM & SESCO, 27 Yrs+ Exp. In Catalyst Replacement, Hydro jetting, Hydrostatic testing and Cleaning (On / off Line.

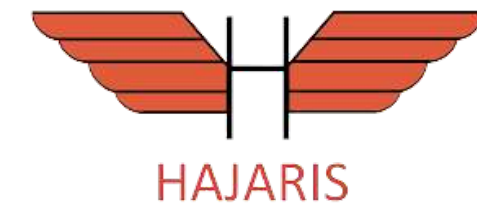


Mutir Ahmad. Project Manager, Ex - SABIC, Aramco 12 + Exp. in Projects , Chemical Cleaning & Hydro jetting



Imran Naveed Project Manager Ex - OLYAN DESCON 27 Yrs, Exp. in Projects , Vessel, pressure valve , PWHT etc.

HAJARIS MAJOR TEAM / EXPERTIES :-

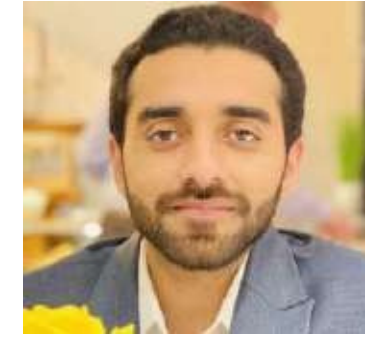


Hammed Akbar, Mech.
Engineer,
API 570, QA/QC Engineer
Ex – DESCON Engineering,
UAE 12 + Exp. in Projects



MUHAMMED TAIMOOR,
QA/QC Engineer

Ex – 3 Yrs, Exp. in Projects
& Petrochemical sectors



Osama Sajid , Mech.
Engineer, Project Leader

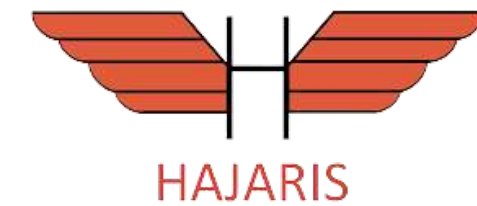
Ex – 5 Yrs, Exp. in Projects
in SABIC affiliates



HAMZA RASHEED, Mech.
Engineer,
CAD Designer
Ex – 5 Yrs, Exp. in Projects

Textile, Power and
Petrochemical sectors

OUR MAJOR SERVICES :-



Civil Devision:

- Specialist in Civil Work (Site Preparation, Pipe rack Foundation, Concrete paving, Asphalt Paving, Storm Water Manholes, Mass Concrete and HPI concrete, Electrical all types of work, Steel Erection work, Sandwich Panels installation, block works, Interlock work)
- Roads work (Sub base and Base course, MC-70 and RC-250) as per Saudi Aramco Standards and MOT Standards
- Mitigation System special for Storm Water
- Installation Drip Irrigations System

- *Mitigation System special for Storm Water*
- *Installation Drip Irrigations System*
- *Installation of Solar System*
- *Mechanical , Electrical & instrumentation, CP.*
- *Civil construction and Maintena*

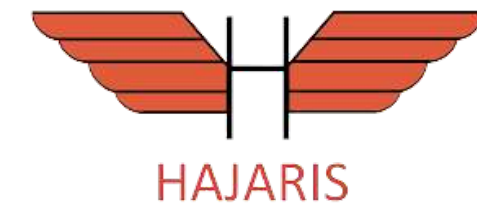
Rental Equipments Devision:

Dump Trucks(24 cu.m), Shawals 966, Graders, Crane 100 Ton, Crane 120 Ton, Crane 50 Ton, Road Roller, Water Tankers (32 cu.m), Pick up 2x4 (without driver), Buses – Ashok-land, Boom Truck, De-watering pumps (with all accessories), Welding generators(Miller), Power generator (50 kva).

LAND PREPARATION/LEVELING



□ OUR MAJOR SERVICES : -



Mechanical Services:

Non-Metallic piping:

FRP, RTR, GRE, HDPE, CPVC, and cemented piping.

Metallic piping:

CS, SS, Duplex steel , Alloy Steel, Aluminum, Incolnel, Titanium.

Cathodic Protection(CP):

CP NACE-II certified technicians with design solutions and material installations.

"R" stemp and "U" stamp certification for pressure equipments part manufacturing and repair.

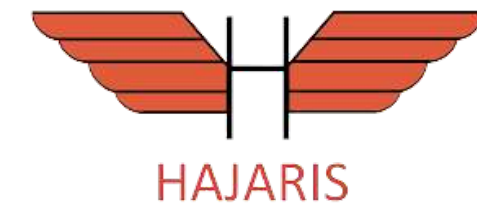
Heat Exchanger and its repairing maintenance.

- Civil construction and Maintenance.
- Technical and approved Man-power supply .
- Mechanical & Chemical Cleaning, Hydro jetting, Hydrotest etc.
- Fabrication and Welding.
- Lamination & Lining (GRE, FRP Mat.)
- Painting & Sand Blasting.

LAB DEVISION:

- In- Situ Metallography (Replica) testing.
- Lab Testing - Mechanical & Metallurgy (DT)
- In- Situ Metallography (Replica) testing.
- Lab Testing - Mechanical & Metallurgy (DT)
- Elemental Analysis (OES, PMI)
- Failure Analysis / RCA
- Corrosions Test , Pickling (Billet)
- Complete chemical Material Analysis.
- Remaining Life Assessment (RLA)
- Fitness for Service (FFS), RBI.
- Condition Assessment
- Non – Metallic samples tests.
- High/low temperature creep, brittle and fatigue testing.

BRIEF ON OUR MECHANICAL SERVICES



CERTIFICATE OF AUTHORIZATION

The named company is authorized by The American Society of Mechanical Engineers (ASME) for the scope of activity shown below in accordance with the applicable rules of the ASME Boiler and Pressure Vessel Code. The use of the ASME Single Certification Mark and the authority granted by this Certificate of Authorization are subject to the provisions of the agreement set forth in the application. Any construction stamped with the ASME Single Certification Mark shall have been built strictly in accordance with the provisions of the ASME Boiler and Pressure Vessel Code.

COMPANY:

Hajaris Arabian Company Limited (Single Person LLC)
Workshop # 43, Amrou Al-Kindi Street,
Al'urayfi Industrial District,
Al Jubail 35526
Saudi Arabia

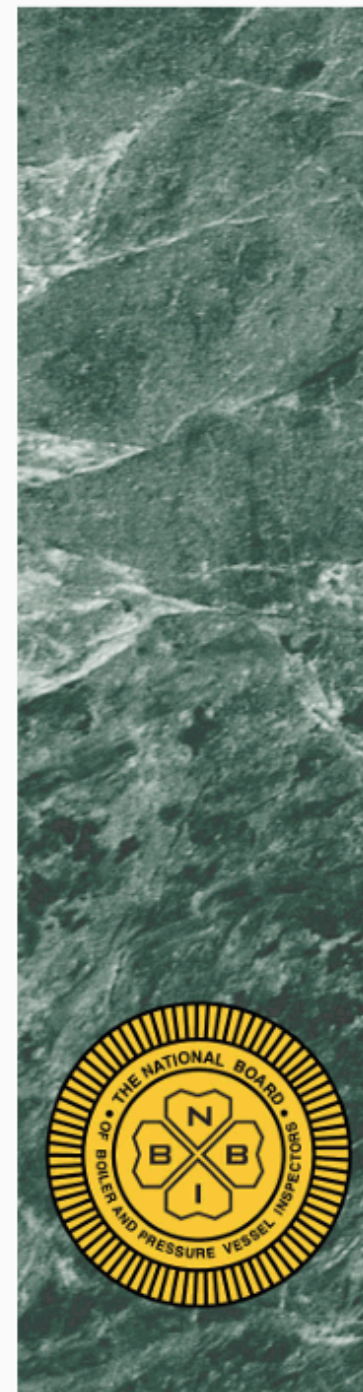
SCOPE:

Manufacture of pressure vessels at the above location and field sites controlled by the above location (This authorization does not cover impregnated graphite)

AUTHORIZED: **September 14, 2023**
EXPIRES: **September 14, 2026**
CERTIFICATE NUMBER: **61054**

Board Chair, Conformity Assessment

Managing Director, Standards & Engineering Services



THE NATIONAL BOARD OF BOILER & PRESSURE VESSEL INSPECTORS

Certificate of Authorization



This is to certify that

Hajaris Arabian Company Limited (Single Person LLC)
Workshop #43, Amrou Al-Kindi Street,
Al'urayfi Industrial District,
Al Jubail 35526
Saudi Arabia

Acceptable Abbreviation: **HAJARIS**

is authorized to use the R Symbol in accordance with the provisions of the National Board Inspection Code and NB-415, Accreditation of "R" Repair Organizations.

All activities within the scope of this Authorization shall be controlled by the above location.

The scope of this Authorization is limited to:

Metallic
Repairs and Alterations
At
Shop and Field Locations

Certification Number: 12308

Issue Date: September 15, 2023

Expiration Date: September 14, 2026

Executive Director



ASME Certificate awarded for R & U



OUR MAJOR SERVICES :-





المركز السعودي للاعتماد
Saudi Accreditation Center

شهادة اعتماد

ACCREDITATION CERTIFICATE

Saudi Accreditation Center (SAAC) Declare that

Address:

Scope : **Mechanical and Metallurgy**

Has met the requirements of Saudi Accreditation Center and has been accredited in compliance with the following standard :

يشهد الاعتماد السعودي بأن :

شركة هجارس العربية المحدودة

العنوان : 0000 الجبيل 0000-11524

المجال : **الميكانيكية والمعدنية**

قد حقق متطلبات المركز السعودي للاعتماد وتم اعتماده وفقاً لمتطلبات المواصفات القياسية التالية :

ISO/IEC 17025:2017
General Requirements for the competence of testing and calibration laboratories
المتطلبات العامة لكفاءة مختبرات الفحص والمعايرة

N-T-00507





Stamp

Issue Date : 11/17/2024

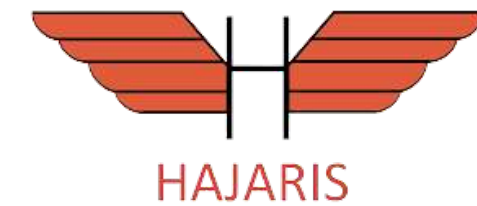
Expire Date : 11/16/2027

تاريخ الإصدار : 11/17/2024

تاريخ الانتهاء : 11/16/2027

Accreditation Field شركة هجارس العربية المحدودة 0000 الجبيل 0000-11524				
#	اسم الاختبار	المنتج / المادة	طريقة العمل / المواصفة	التقنية / الجهاز المستخدم
1	Replica / In -Situ Metallography at Site	Microstruture	ASTM E1351 / ISO standard 3057 (E)	Optical Metallurgical Microscope
2	Grain Size Measurement as per ASTM E112	Avg. Grain Size Number	ASTM E112	Optical Metallurgical Microscope
3	Micro etching of metallic sample	microstructure structure	ASTM E407	Optical Metallurgical
4	Standard Test Methods for Vickers Hardness and Knoop Hardness of Metallic Materials1	Indentation	ASTM E-92	Hardness Test
5	Standard Test Methods and Definitions for Mechanical Testing of Steel Products1	Strength of Material	ASTM E8 / ASME SEC IX / ASTM A 370	Tensile Test
6	Standard Test Methods for Notched Bar Impact Testing of Metallic Materials1	Fracture toughness of material	ASTM SEC IX / ASTM E23	Impact Test
7	Bending Test of Metallic Materials	Bending property	E290 / ASME SEC IX	Bend Test
8	Ferrite Count by Metallography Method (Manually) on Duplex Stainless Steel	Volume fraction of Ferrite Austenite counts	ASTM E562	Ferrite Test Metallographically
9	Coating / Scale Thickness Measurement of Materials	Thickness Variation	ASTM B487	Thickness Test
10	Failure / Root Cause Analysis & Investigation	Root Cause of Failure mechanism	ASM Handbook – Failure Analysis & Prevention	Failure Analysis and Investigation Test
11	Chemical / Composition Analysis of metallic materials by Laboratory OES / PMI	Individual elements value in wet %	ASME SEC IIC&SAES-A-206	Elemental Analysis Test
12	Preparation of Metallography Sample	Steel Metal sample	ASTM E3	Hot mounting press

❏ BRIEF ON OUR MAJOR SERVICES :-



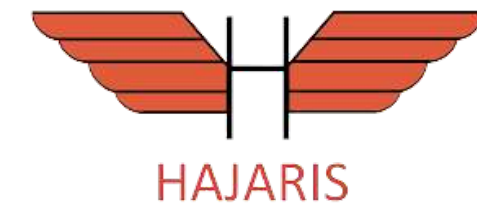
❖ FABRICATION – MECHANICAL ACTIVITIES

- Pipeline and Piping Fabrication and Erection.
- Hot Tapping and Line Blocking Services.
- Boilers/Furnace Repair & Re-Tubing.
- Piping and Valve replacements.
- All type of Welding. (Nickel and Its Alloys, Aluminum, Inconel, Hast Alloy, CS and SS with Multi Process).
- Structure Fabrication and Erection.
- Storage Tanks Fabrication and Site Erection.
- Sand Blasting and Painting in Workshop & Site.



Continued Fabrication & Mechanical.....

❏ BRIEF ON OUR MAJOR SERVICES :-



❖ FABRICATION – MECHANICAL ACTIVITIES

- Piping Spool Fabrication
- Piping Fabrication & Erection (Brown & Green Field)



FRP, GRE, RTR PIPING-SPECIALIZED SERVICES:

- HAJARIS is dealing in non-metallic works which includes FRP, GRP, RTR Piping.
- FRP Tank Inspection
- Fabrication, laying, jointing, site testing, installation and erection of FRP, GRP.
- LAMINATION, REPAIRING, WELDING. PTFE
- LINING.



❑ BRIEF ON OUR MAJOR SERVICES :-

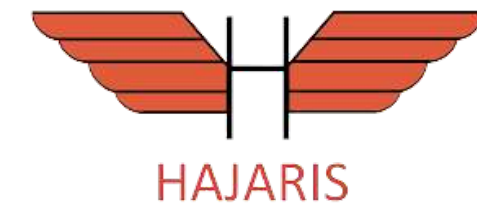
FRP, GRE, RTR PIPING-SPECIALIZED SERVICES:

Pipe, Elbow installation, Project Area RTR, Fire Water and Water Line Sewer Lines etc.

PIPE LINE, TANK CLEANNING, TANK INSPECTION.
TANK , SPOOLS laminations, ONLINE WELDING



❏ BRIEF ON OUR MAJOR SERVICES :-

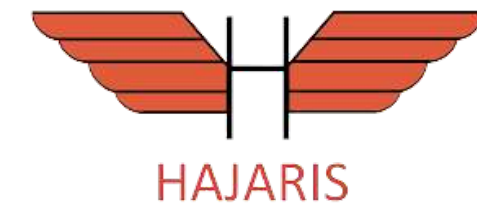


❖ CONSTRUCTIONS - CIVIL WORK SERVICES:

- EPC Project (Mechanical, Civil & Electrical) handling with Petrochemical plants, Fertilizer, Power generation, iron and steel, pulp and paper, food and beverages and Oil & Gas sector.
- Building Construction, Control Rooms, Sub-station, Earth work, Foundations, gate houses Paving and Road/ asphalt works.
- Villas Construction private and government (Residential sector).
- Commercial buildings and hotel Site development and underground utilities.
- Road works , Bridges and culverts.
- Plants and Industrial Facilities foundations. General civil activities especially Manpower , Material
- Supply Instrumentation Works etc.



□ OUR MAJOR SERVICES : -



Industrial Cleaning:

- With years of experience in industrial Cleaning. Hajaris has developed, applied & provided comprehensive solutions to it's clients for **Hydro Jetting** services using specialized high flow & pressure Pumps with nozzles designed according to the nature of deposit scales.

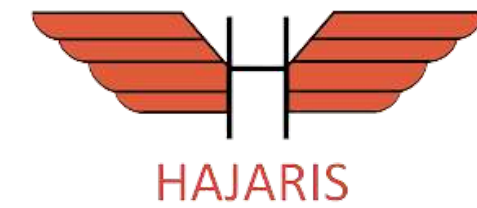


Hydro Test:

- Testing service where **static equipment's** such as **Piping systems, Boilers, Heat Exchangers and Pressure Vessels** are tested for strength and leaks with highly qualified supervisors and skilled technicians.



❏ BRIEF ON OUR MAJOR SERVICES :-

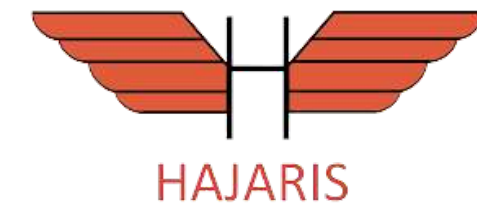


❖ PLANT AND MAINTENANCE SERVICE

- Emergency Shutdown & Annual Turnaround / Shutdown
- Pipeline Repair and Modification.
- MOCs, Retrofit / Alteration, Tie Ins , Blinding & De-blinding
- Hydro testing & Mechanical Cleaning
- Annual Maintenance Contracts.
- Storage Tanks Fabrication & Repair, Tank Cleaning and
- Maintenance, Bottom Change Out and Repairs.
- Columns, Vessels, Internals Removal & Installation.



❏ BRIEF ON OUR MAJOR SERVICES :-

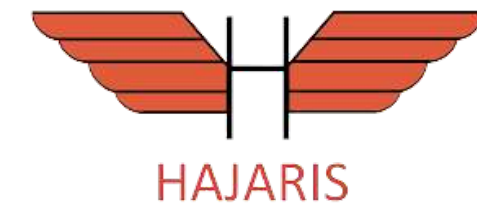


❖ PLANT SERVICE AND MAINTENANCE ACTIVITIES

- Heat Exchanger Re-tubing, Tube Pulling & Installation, repair, bundle removal and preparation, skeleton preparation, replacement of shell and tubes.
- Specialized in industrial tank repair services including inspecting, repairing, lining and relining the interior of damaged or worn industrial, municipal and commercial tanks.
- Blinding / De-blinding Tank Ventilation Tank Internal Cleaning Cold cutting of tank bottom plates Coating / painting inside or outside.



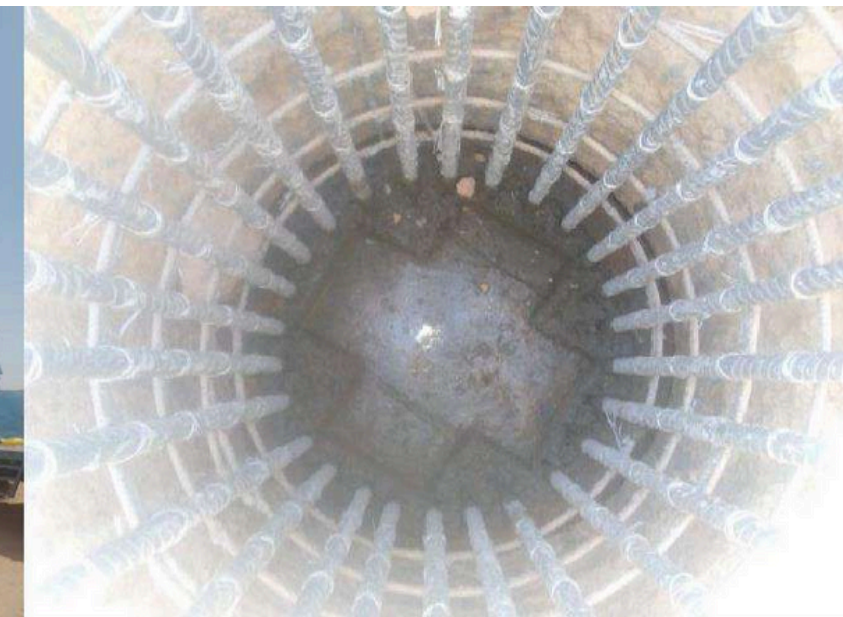
❏ BRIEF ON OUR MAJOR SERVICES :-



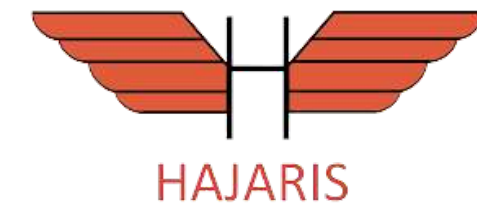
CONSTRUCTIONS - CIVIL WORK SERVICES:

Tower foundation 380 KVA OHTL Layla project

- Cages Formation
- Cage Lowering Stub
- Ends Fixation Final
- Concrete Pouring
- Earthing and
- Painting



□ BRIEF ON OUR MAJOR SERVICES :-

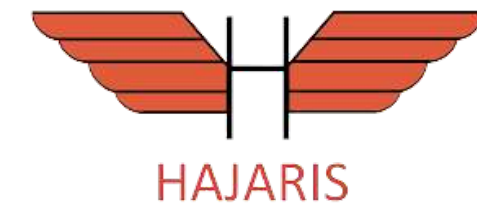


ELECTRICAL & INSTRUMENTATION SERVICES

- Project Management, design, supply, construction, testing and commissioning of high voltage 230/132KV substations, refurbishment / rehabilitation / reinforcements of existing 230 / 132 KV substations, protection system upgrades / modifications.
- Substation construction works from land preparation, Foundation works, structure installation, grounding grid, Control building, power transformer, VTs, CTs, surge Arrestors, breaker, switches, capacitors, power bus systems Switchgear and panel installation, pre-commissioning to Assistance in final commissioning and inspection
- Cable management works like Cable Pulling in cable trays, conduits and over sweet sand beds in cable trenches.

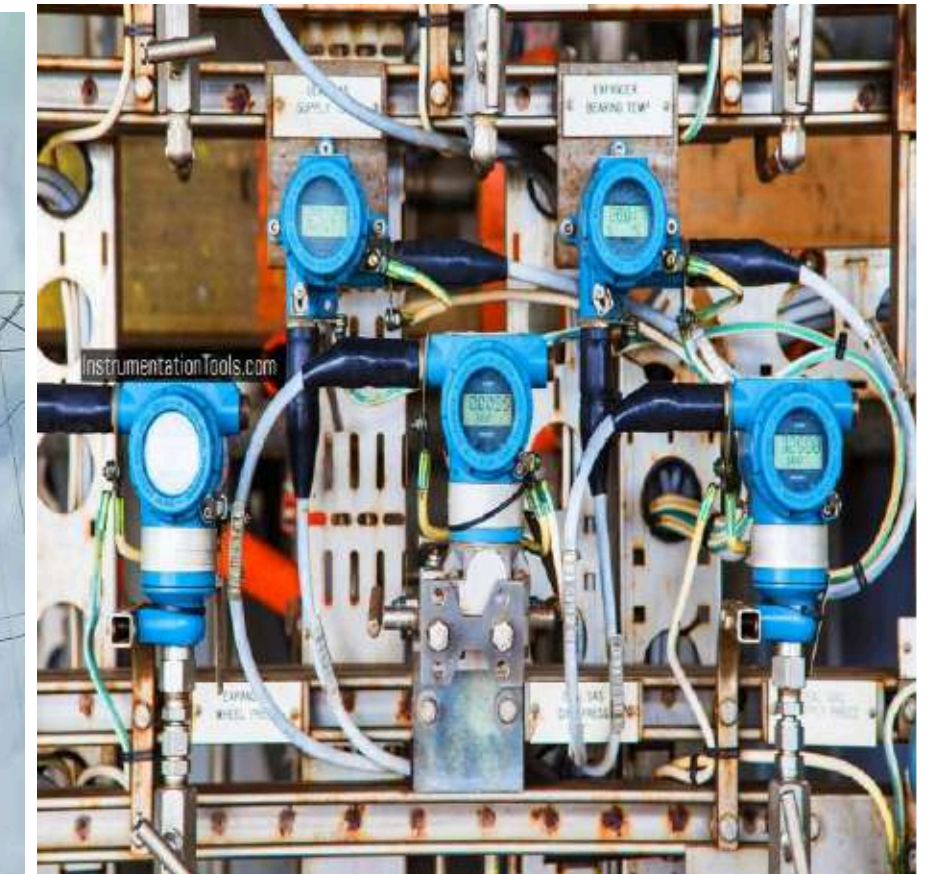


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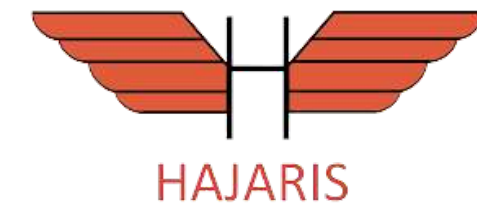


❖ ELECTRICAL & INSTRUMENTATION SERVICES:

- Installation of Electrical Earthing & Grounding works. Power & distribution Transformers, Electric Motors, SG.
- Installation of underground Transmission Line 13.8KV to 115KV.
- MV, LV cable megger testing, jointing and termination.
- Testing & Commissioning of electrical installations. Process Control and Automation System, DCS, PLC.
- Process Instruments field installation, stanchion works, tubing for process connection, power and signal cable termination and sunshades fabrication and installation.
- Construction of Villas including complete electrification Electric cables, conduit and flexible duct installation in villas.
- Grounding and lightening systems for buildings
-
-



❏ BRIEF ON OUR MAJOR SERVICES :-



❖ CATHODIC PROTECTION SERVICES:

We deal with following CP materials and can supply you as per your project needs:

1. Transformer Rectifier

- Manual Tap Setting
- Varian Setting
- Auto Potential (Constant Voltage/Constant Current)

2. Current Control Box (S/S & Steel)

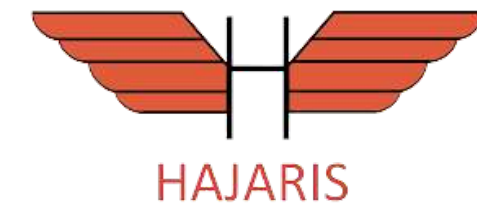
3. Bonding Box (S/S & Steel)

4. Junction Box (S/S & Steel)

5. Test Box (Cast Aluminum & S/S)



❑ BRIEF ON OUR MAJOR SERVICES :-



❖ CATHODIC PROTECTION SERVICES:

6. Sacrificial System :

- Aluminum Anode,
- Magnesium Anode,
- Zinc Anode,
- Ribbon Anode

7. Impressed Current Anode

- MMO Anode,
- Fe/Si/CR Anode.

8. Accessories (Cable XLPE/PVC, Royston Handy Cap, Cold-weld Equipment, etc.)

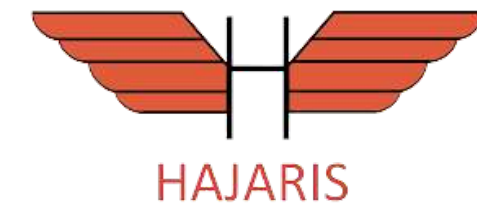
We deal with following CP related services:

1. Fields Surveys (All equipment's from Affiliated Partner

- survey CIPS DCVG
- Pipe to soil potential
- Interference testing



❑ BRIEF ON OUR MAJOR SERVICES :-



❖ CATHODIC PROTECTION SERVICES:

- survey soil resistivity
 - Investigation of general corrosion problem
 - Current requirement testing
 - CIPS (Close Interval Potential Log Survey)
 - DCVG (Direct Current Voltage Gradient)
 - PCM (Pipeline Current Mapper)
2. Engineering Design (through our affiliate company by CP-3)
 - Preliminary design
 - Project cost estimation
 3. INSTALLATION
 - Impressed Current System (onshore & offshore installation)
 - Sacrificial System (include offshore installation)
 4. Commissioning
 5. Maintenance
 6. Revamps of tanks and Cathodic protection of pipelines



❖ Remaining Life Assessment (RLA):

Level II & Level III assessments of RLA is carried out on all major equipment and its components in process plants.

RLA can be approached as –

- Understanding the actual degradation mechanism. Visual examination. NDT tests, involving in-situ metallography, UT, MT, PT, FM etc.
- Stress Analysis to understand the strength of material.
- Laboratory Testing.
- oJudgment on fitness of equipment. oSuggestions on repairing if any. oJudgment on Remaining Life based on analysis.



OUR LABORATORY FACILITY :-



Optical Microscope



HMP



Double Disc Polisher



Digital Stereo Microscope



Hot & Cold U - Cleaner



Field Microscope



Hardness Tester



Electron Microscope (SEM)
with EDAX Upcoming



UTM



Impact Test Machine



Cooling Chamber for
Impact test.



Chemical Testing
Equipment



Corrosion Test Lab

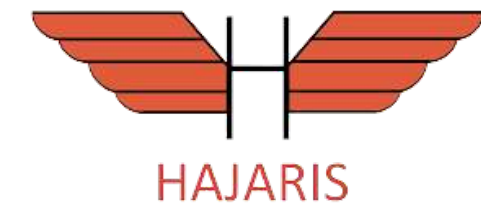


Chemical Lab.



Microbiology Testing
Equipment

MAJOR CLIENTS :-



سابك
SABIC

أرامكو السعودية
saudi aramco



ساتورب
satorp



صدارة
Sadara



معادن
MAADEN

الفنار
alfanar

ساسرف
SASREF



SAMSUNG

ALMUZAIN

سبكيم
Sipchem
EXCELLENCE everywhere

LARSEN & TOUBRO

الفنار
alfanar



لوبريف
luberef

شركة الرياض للجيو تكنولوجية والأساسات
CR 1010166285
RIYADH GEOTECHNIQUE & FOUNDATIONS CO.

TECNICAS REUNIDAS

التصنيع
TASNEE



TAMIMI
Industrial Services

NATPET

مرافيق
MARAFIQ



جنا
JANA

tcc

TECHNOLOGY CONTROL CO.
شركة تحكم التقنية المحدودة

GSW
GULF SPECIALIZED WORKS
الخليج للأعمال المتخصصة

Industrial Services
MISCO



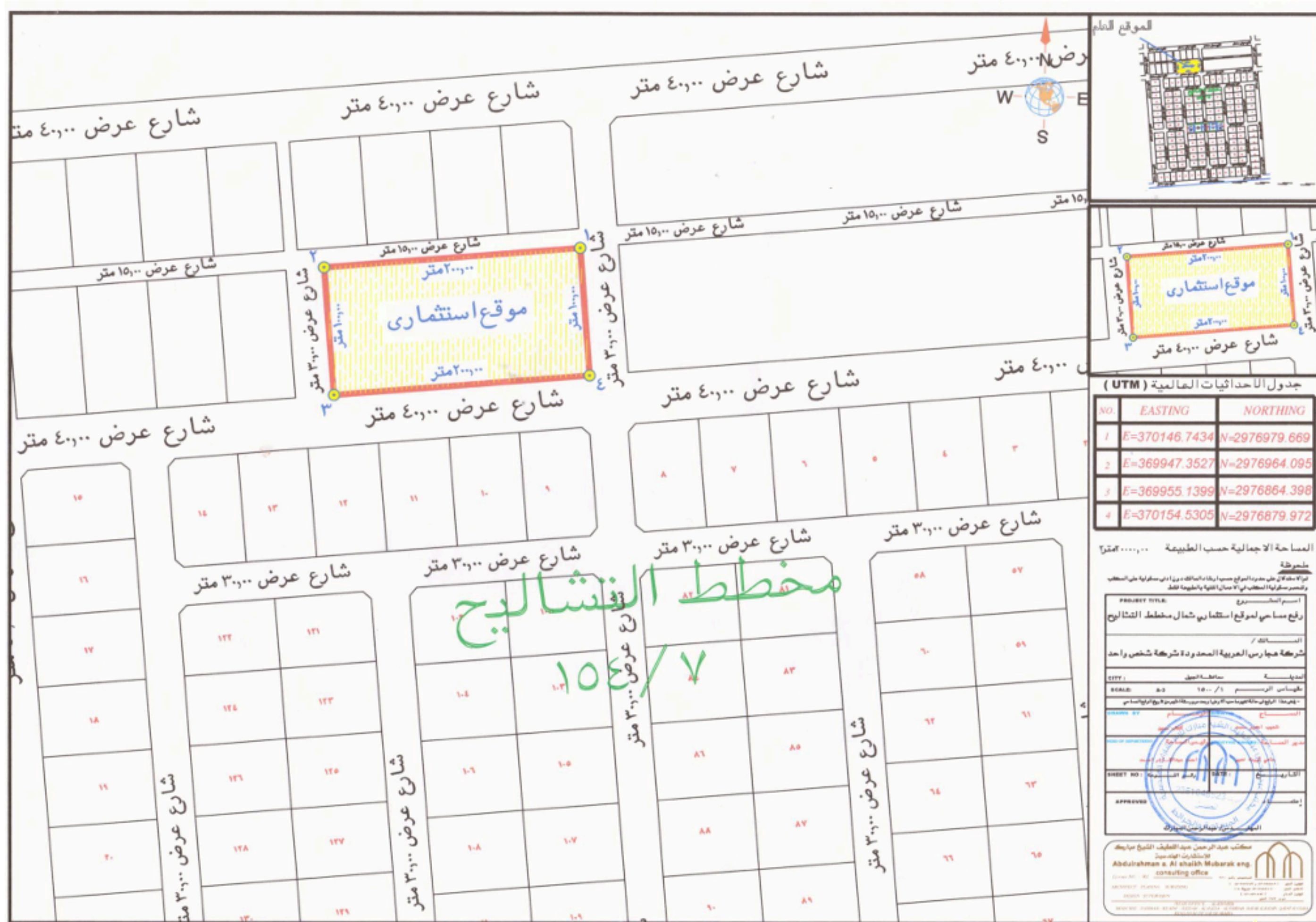
Punj Lloyd

نماء
NAMA
الكيمويات
CHEMICALS

FARABI
PETROCHEMICALS

SAIPEM

dragados gulf
construction



THANK YOU



Feel Free to reach us 24x7

Engr REHMAT ALI, General Manager

HAJARIS ARABIAN COMPANY LIMITED

Email : rali@hajaris.com, info@hajaris.com

Mobile: +966 599582283

Tel: +966 -13-363 0290 Ext 106 www.hajaris.com

Dr. KESHAB BARAI, PhD in Metallurgy

Operation Manager (T&OM) HAJARIS ARABIAN

COMPANY LIMITED Email : dkb@hajaris.com,

info@hajaris.com Mobile: +966 561859075 Tel: +966

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Jubail Industrial City, Eastern Province
Saudi Arabia