

# PRE-QUALIFICATION 2024



SOGEC is part of



KABBANI  
CONSTRUCTION  
GROUP®



Specialized Oil & Gas Engineering Co. Ltd.

# Table of Contents

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1	IKK Group
2	Kabbani Construction Group
3	KCG Group of Companies
4	KCG Health and Safety
5	About SOGEC
6	SOGEC Services
7	Organization Chart
8	Projects References
9	Authorized Distributor
10	Commercial & Legal Certificates
11	Personnel Documents
12	Client Testimonials
13	QHSE Certificates
14	Testimonials
15	Our Contacts

# 1. IKK Group



### About IKK Group

At Isam Khairi Kabbani Group, we are building the future with over five decades of experience through our four main divisions: Manufacturing, Trading, Contracting, and Maintenance & Services, with over 40 companies in the Kingdom of Saudi Arabia and the MENA region. We have a rich history of innovation in providing quality products and solutions with certified local and international standards to serve the construction industry and beyond, reaching more than 20 countries worldwide.

#### IKK Group Vision:

Is to be one of the leaders in the construction industry and beyond.

#### IKK Group Mission:

Is to continue providing innovative solutions in the fields of manufacturing, contracting, and trading.



مجموعة عصام خيرى قباني  
Isam Khairi Kabbani Group





# IKK Group of Companies



KABBANI  
CONSTRUCTION  
GROUP®

IKK's contracting vehicle is KCG, which consists of 22 specialized construction businesses and divisions.



شركة المؤسسة الوطنية للتسويق المحدودة  
NATIONAL MARKETING EST. COMPANY LIMITED

A prominent distributor of high-quality modern plastic piping systems representing a number of important national and international companies.



Neproplast, a part of NAMAT Company, is a manufacturer Advanced Plastic Piping System Products such as: PVC, CPVC, HDPE, COD pressure, and non-pressure applications marketed and distributed exclusively through National Marketing Est. Co. Ltd.



UNITECH is a well-known "Solutions Provider" company within the region. It specializes in the design, manufacturing, trading, and specialized procurement of building and construction materials.



IKK Glass is a leading manufacturer of processed architectural glass products in Saudi Arabia, offering a wide range of glass products, including: Heat-Treated Glass, Insulated Glass (IGU), Curved Glass, Laminated Glass, Digital Printed Glass, Laser Etched Glass, Sandblasted Glass, Printed Glass, Acid-etched Glass, Heat-Soaked Glass, and Bullet Resistant Glass.



IKK Mateenbar produces high-quality glass-fiber-reinforced polymer (GFRP) rebar.



## 2. Kabbani Construction Group



### About KCG

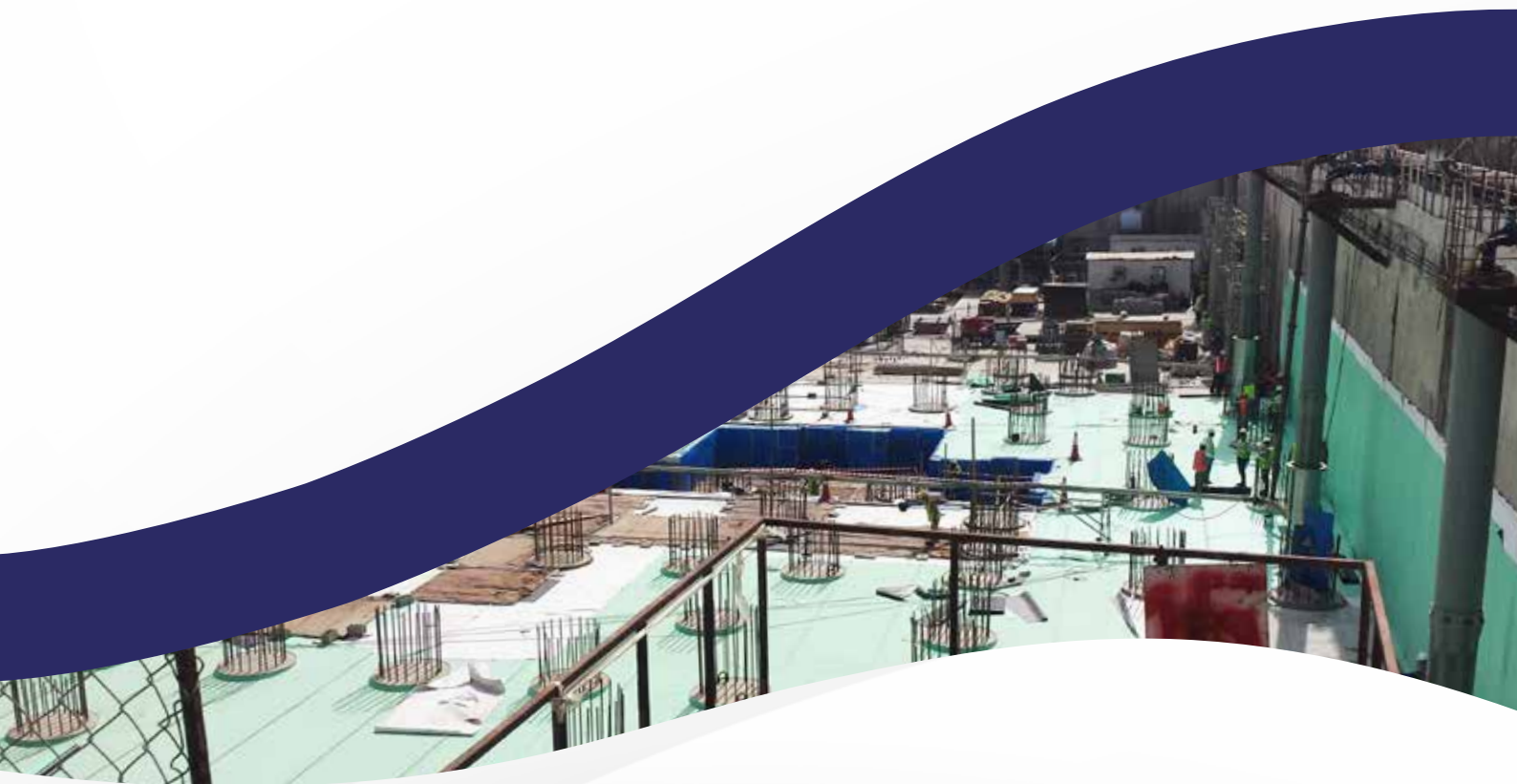
Since its inception in the '70s, KCG has evolved and expanded to become one of the largest specialized contractors in the GCC & MENA regions, providing digital construction services, archeological services, construction services for infrastructure & roads' construction, oil & gas, industrial insulation, commercial & residential structures, structure assessment & repairs, strengthening solutions, airfields & rigid pavement, engineered heavy steel, structure fabrication & construction, cathodic protection, and solar energy.

#### **KCG Vision:**

Our vision is to maintain and improve our leading position as a contractor whose reputation is built on the ability to completely satisfy customers by providing high-quality services. Our teams of professionals are dedicated to a standard of excellence for quality and performance through continuous development, which will set standards in our industry. We are simply providing solutions for a future of success.

#### **KCG Mission:**

To provide the Arab world with local & reliable services in a variety of sectors and products. Creating employment for thousands of personnel and in-house training for hundreds of young Arab graduates to the benefit of the IKK Group, the graduates themselves, and their own communities.





# 3. KCG Group of Companies





### 3. KCG Group of Companies

	... ● Construction Services & Maintenance		... ● Industrial Construction, Repair Maintenance &
	... ● ,Cathodic Protection Heat Treatment &		... ● Renewable Energy Systems
	... ● Waterproofing Thermal Insulation &		... ● Protective Coating Solutions, Insulation & Scaffolding
	... ● Concrete Repair & Soil Improvement		... ● Post Tensioning Systems
	... ● Waterproofing, Damp proofing & Firestop		... ● Fit-out Contracting Facade Engineering &
	... ● Electromechanical Contracting Company		... ● Concrete Precast Fabrication & Erection
	... ● Airports, Roads Infrastructure &		... ● Airfield Construction Maintenance &
	... ● Digital Engineering Digital Construction & Applications		... ● Condition Assessment Infrastructure & Management Solutions
	... ● Archaeological Field Management Solutions		... ● Jointless Flooring Contracting
	... ● Exterior Insulations Finishing Systems &		... ● & Micro-Tunneling Tunneling Technologies
	... ● Marine Works & Infrastructure		... ● Soil Stabilizing Techniques



Scan for more info  
about KCG companies

# 4. KCG Health and Safety



## 4. KCG Health and Safety

# Health and Safety

Kabbani Construction Group ultimate aim is to achieve zero harm by providing safe working conditions, processes and people who work safely. In accordance with any Governmental Health, Safety, Environmental and Welfare legislation, and any associated local regulations, it is the policy of Kabbani Construction Group (KCG) to ensure, so far as is reasonably practicable, the health and safety, while at work, of all employees, contractors, visitors and members of the public entering KCG premises including jobsites. Information, instructions and guidance on specific matters relating to HSE at work are communicated, when needed via KCG Safety Statements. It is the duty of all stakeholders, contractors and visitors to observe such codes and to follow all instruction and guidance.

KCG health and safety management system is accredited and approved to:

### 1. ISO 45001:2018

ISO 45001 is an international standard for health and safety at work developed by national and international standards committees' independent of government.

### 2. ISO14001:2015

ISO 14001 sets out the criteria for an Environmental Management System. It can provide assurance to company management and employees as well as external stakeholders that environmental impact is being measured and improved. It is the most widely used EMS in the world.





## 5. About SOGEC





## 5. About SOGEC

### Who We Are

SOGEC (Specialized Oil & Gas Engineering Company) is a part of Kabbani Construction Group, which was established in 1979 and commenced its activities as a specialized maintenance contractor. It grew steadily over the past 30 years to become consistently rated among the 50 largest companies in Saudi Arabia.

Taking advantage of the group's financial & human resources, SOGEC was initially launched in 2001 as a part of the Kabbani Construction Group to meet the acute needs of Cathodic Protection (CP), Non-Destructive Testing (NDT) & Heat Treatment (HT) required by the oil & gas industry through the vast experience gained by the division's engineering and technical staff.

SOGEC is a registered vendor with the following well reputed end clients:

Company	Registration Number
Saudi Aramco (Vendor Number)	10007275
Saudi Aramco (Plant Number)	30005501
Yanbu Aramco Sinopec Refining Company (YASREF)	100558
SABIC	502282
Petro Rabigh	101737
MARAFIQ	818
SATORP	10706
Saudi Electricity Company (SEC)	1000936
SAMREF	20420
Petro Kemya	500539
Sahara Petrochemicals	100881
Ma'aden Company	8508
Farabi	102110
National Water Company (NWC)	17425
Saline Water Conversion Corporation (SWCC)	1587
Sadara Chemical Company	1000000887
Abu Dhabi Company for Onshore Petroleum Operations (ADCO)	47637
Zakum Development Company (ZADCO)	102553
Joint Supplier Registration System (JSRS)	SA100049
Al-Khafji Joint Operations (KJO)	102572
Kuwait National Petroleum Company (KNPC)	1007457
Kuwait Oil Company (KOC)	14622

### Our Mission

To be the chief source of cathodic protection, non-destructive testing, and heat treatment in the Middle East by providing safe, reliable, and cost-effective solutions and services. SOGEC believes that the ultimate goal of all companies and firms that provide different types of services on this earth is the well-being of the human race.

### Our Values

We **CARE** about the community by being active in social contributions.

We **RESPECT** all individuals, whether customers, suppliers, or team members.

We **PROTECT** assets that are the reason for a better lifestyle.

We **SUPPORT** all our contacts, anytime, anywhere.

We **HONOR** commitments with all our affiliates.



# 6. SOGEC Services



## 6. SOGEC Services

### 1. Cathodic Protection

- Pre-Design & Site Survey of the Cathodic Protection System
- Cathodic Protection System Design
- Manufacturing & Supply of Cathodic Protection Materials
- Installation of Cathodic Protection Systems
- Testing, Commissioning & Monitoring of Cathodic Protection Systems
- Over-the-line Surveys
- AC Interference Mitigation systems

### 2. Corrosion Monitoring Services

- Internal Corrosion Services
- External Corrosion Services

### 3. Vapor Corrosion Inhibitor (VCI)

- Chime Ring Dry
- Chime Ring Injection
- Underside Injection
- Underside Drip Tube
- Dry Tube
- Internal Flood
- Inhibitor IDS System benefits
- Solution Effectiveness
- Pipeline Casing Protection (Liquid, powder & Gel)
- Equipment Preservation

### 4. Non- Destructive Testing

- Conventional NDT Services:
  - Ultrasonic Thickness Gauge Testing (UTT)
  - Radiographic Testing (RT)
  - Small Controlled Area Radiography (SCAR)
  - Digital radiography Testing
  - Ultrasonic Shear Wave Testing (UT)
  - Paint & Coating thickness testing
  - Magnetic Particle Testing MPT

- Dye Penetrant Testing
- Ferrite Testing
- Leak Detection
- Visual inspection:
  - Holiday Test
- Advanced NDT Services:
  - Phased Array Ultrasonic Tasting
  - Time-of-flight diffraction (TOFD)
  - Magnetic Flux Leakage (MFL) Tank Floor inspection
  - Boroscope Inspections
  - Corrosion mapping

### 5. Heat Treatment

- Post Weld Heat Treatment – PWHT
- Pre-Heating
- Refractory Dry-out
- Solution Annealing
- Hardness Testing
- Furnaces
- Stress Relieving
- Internal Firing
- Positive Material Identification – PMI
- Normalizing

### 6. Inspection Service

- PQR Qualification
- WQT Witnessing
- API Inspection
- Supporting Services:
  - Positive Material Identification (PMI)
  - In-situ Metallography
  - ASNT Level III Consulting Services

### 7. Standalone Services

- Project Development
- EPC Turnkey Services
- Build, Operate, Transfer (BOT)
- Project Management
- Operation & Maintenance



# 1. Cathodic Protection

Cathodic Protection Services Whether the project is a pipeline, tank, offshore, or concrete structure, SOGEC will design the right, economical, and most efficient Cathodic Protection (CP) System to protect the structure with the minimum required maintenance.

### **Cathodic Protection Services include:**

- 1.1. Pre-Design & Site Survey of The Cathodic Protection System.
- 1.2. Cathodic Protection System Design
- 1.3. Manufacturing & Supply of Cathodic Protection Materials
- 1.4. Installation of Cathodic Protection Systems
- 1.5. Testing, Commissioning & Monitoring of Cathodic Protection Systems
- 1.6. Over-the-line Surveys
- 1.7. AC Interference Mitigation systems



## 6. SOGEC Services

### 1.1. Pre-Design & Site Survey Of The Cathodic Protection System

An initial survey is usually conducted to identify site conditions relevant to structures requiring Cathodic Protection. The survey would involve the investigation of many factors. The results of the survey, in conjunction with information on the structure/plant to be protected, are used in the design.

### 1.2. Cathodic Protection System Design

The design process takes into account practicality, cost-effectiveness, client requirements, and specifications. Our engineering team, which includes NACE-certified CP-3 Technologists and CP-4 Specialists, uses software and complex calculations to determine the type of system to be used, whether a sacrificial or impressed current system. Design packages submitted to clients typically include detailed drawings, material specifications, bills of materials, installation procedures, inspection test plans, method statements, construction schedules, and other relevant information.

### 1.3. Manufacturing & Supply of Cathodic Protection Materials

With a 4,000-square-meter manufacturing facility in Dammam, Saudi Arabia, SOGEC assembles and manufactures a wide range of Cathodic Protection materials with different product lines, ranging from simple anodes to complex Transformer Rectifiers. Below is a simple list of what SOGEC can fabricate, assemble, and supply to its customers in different types & sizes:

- Sacrificial Anodes (Magnesium, Zinc, Aluminum, etc..)
- High-Silicon Iron Anodes (TA-4, TA-5, TA-2, etc...)
- Mixed Metal Oxide (MMO) Tubular Anodes, Ribbon
- Anodes, Mesh Ribbon Anodes
- Conductor Bars
- Junction & Bonding Boxes
- Test Stations
- Reference Electrodes (RE)
- Cables (HMWPE, KYNAR/HMWPE, THHN, XLPE/PVC, etc...)
- CP Transformer Rectifiers (Solar, Air-Cooled, Oil-Cooled, Conventional, Auto-Potential, Variac, etc...)
- Monitoring Systems

### 1.4. Installation of Cathodic Protection System

SOGEC's experienced engineers and technicians can install or supervise the installation of any cathodic protection system in any part of the GCC. Our team has one of the highest numbers of NACE-certified CP-2 Technicians in the GCC, and we are committed to providing our customers with high-quality installation services. We can install a variety of systems, from simple ribbon anode systems for external tank bottoms to complex deep anode ground beds, including drilling and civil works.

## 6. SOGEC Services

### 1.5. Testing, Commissioning & Monitoring of Cathodic Protection Systems

After the installation of the Cathodic Protection System, SOGEC engineers will test, commission, and adjust the system as needed to achieve the required level of protection for the structure. A detailed report on the system's performance is submitted at the end of each project, along with complete As-Built drawings. SOGEC offers a monitoring procedure to maintain control of the Cathodic Protection System with regular inspections, ensuring continuous protection.

### 1.6. Over the Line Surveys

Whether standalone or under direct assessment programs, SOGEC offers a wide range of over-the-line surveys like CIPS, DCVG, ACVG, PCM, ACCA, Soil Resistivity, Redox Potential, GIS mapping, Geophysical, and other survey techniques that help assess the cathodic protection system functionality, coating condition, and soil corrosiveness.

### 1.7. AC Interference Mitigation System

SOGEC is currently capable of designing in-house the safest and most cost-effective AC interference mitigation systems. We use advanced software and licenses to design our systems, and our team of experienced engineers and technicians has a proven track record of success. We have successfully designed, supplied, installed, and commissioned AC Mitigation Systems for a variety of clients in the market.





## 2. Corrosion Monitoring Services

SOGEC's corrosion monitoring services go beyond surface-level inspections, delving deep into the heart of your systems to uncover hidden threats. Our advanced techniques and cutting-edge technology ensure that no corrosion issue goes undetected, empowering you to make informed decisions and maintain the integrity of your critical infrastructure.

**Corrosion Monitoring Services include:**

- 2.1. Internal Corrosion Services
- 2.2. External Corrosion Services





## 6. SOGEC Services

### 2.1. Internal Corrosion Services

Alongside external corrosion services, SOGEC is evolving in the Internal Corrosion field and is currently capable of developing sound Corrosion Management Programs and provides Corrosion Monitoring Services starting with an online coupon and probe retrieval thru corrosion analysis at our well-established in-house Laboratory into data logging and remote monitoring.

### 2.2. External Corrosion Services

SOGEC's external corrosion services offer a critical lifeline for pipeline operators in Saudi Arabia. With a deep understanding of the region's unique environmental factors, our team of experts tackles the challenges of external corrosion head-on, ensuring the integrity and longevity of your vital infrastructure.



Internal Corrosion



External Corrosion

### 3.Vapor Corrosion Inhibitor (VCI)

SOGEC/Zerust Oil & Gas Tank SSB Inhibitor Delivery System (IDS) offers a variety of VCI services that can help mitigate the underside corrosion of aboveground storage tanks. Our services are cost-effective and can be used on single or double-tank bottoms, regardless of the substrate.

We offer a variety of VCI Delivery Systems, including chime ring dry, chime ring injection, underside injection, underside drip tube, dry tube, and internal flood. These systems can help extend the serviceable life of assets by protecting them from corrosion.

#### **Vapor Corrosion Inhibitor Services include:**

- 3.1. Chime Ring Dry
- 3.2. Chime Ring Injection
- 3.3. Underside Injection
- 3.4. Underside Drip Tube
- 3.5. Dry Tube
- 3.6. Internal Flood
- 3.7. Inhibitor IDS System benefits
- 3.8. Solution Effectiveness
- 3.9. Pipeline Casing Protection (Liquid, powder & Gel)
- 3.10. Equipment Preservation



## 6. SOGEC Services

### 3.1. Chime Ring Dry

Chime Ring Dry IDS Solution is recommended for storage tanks with concrete or bitumen foundations. An innovative VCI/SCI (Soluble Corrosion Inhibitor) injection system is used to protect the tank bottom from corrosion. Perforated PVC pipe is installed around the entire annular chime area. The VCI dry sleeves are installed into the PVC pipe, and the system is sealed to create an enclosure to contain the VCIs. The VCIs migrate and absorb onto the metal surface. The diffusion of VCIs provides corrosion protection in the critical 3 to 4 meters from the annular chime ring.

### 3.2. Chime Ring Injection

Chime Ring Injection IDS Solution is suitable for storage tanks with concrete, bitumen, or sand with liner foundations. Innovative VCI/SCI (Soluble Corrosion Inhibitor) injection system to protect the tank bottom from corrosion. As the inhibitor slurry is pumped into the perforated PVC chime ring system, the VCIs migrate and absorb onto the metal surface. Meanwhile, the liquid inhibitor slurry works to neutralize any contaminants it may contact on either the bottom plates or the foundation. The combination of VCIs and SCIs works together to protect vulnerable areas of the tank bottom plates from corrosion.

### 3.3. Underside Injection

Underside Injection IDS solution is designed for tanks with compacted sand fill and Release Prevention Barriers (RPBs), double bottoms with sand between the old and new floors, or tanks sitting on a hard pad such as concrete or asphalt. As the slurry flows throughout the entire sand bed, the SCIs effectively neutralize contaminants on contact. Conversely, the VCIs emitted by the slurry migrate and absorb onto the metal surface. The VCIs permeate the sand bed through capillary action and gravity, providing protection to the entire tank floor.

### 3.4. Underside Drip Tube

The Underside Drip Tube IDS is an innovative solution that protects tank bottom plates of single- or double-bottom tanks during construction or new floor installation. A network of perforated PVC pipes with mesh sleeves is installed in rings on top of the tank liner in the sand foundation. Low-viscosity inhibitor slurry is pumped into the designated ring wall port(s) into the sand bed, and the perforated PVC pipe network distributes the slurry evenly throughout the system. The VCIs are released from the sand bed, protecting the metal bottom plates of the tank. The SCIs in the inhibitor neutralize contaminants in the sand bed. The injection port(s) can be used for future inhibitor injections.

### 3.5. Dry Tube

The IDS system is designed to protect tank bottom plates during construction or new floor installation. This solution benefits tanks with concrete, bitumen, or compacted sand foundations with or without liners. Shallow trenches are cut

## 6. SOGEC Services

into the foundation. Perforated, mesh-covered PVC pipes 'are placed within the trenches, and the trenches are then filled with sand. and dry mesh sleeves of VCI inhibitor are installed into each of the pipe tubes. VCIs work to mitigate corrosion on the metal bottom plates of the tank.

### 3.6. Internal Flood

The Internal Flood IDS solution is suitable for tank foundations of concrete, bitumen, or compacted sand with a liner. Low-viscosity inhibitor slurry is pumped into one or more temporary injection ports installed in selected locations through the tank floor. The VCIs emitted by the slurry migrate and absorb onto the metal surface. The SCIs work to neutralize any contaminants they may come into contact with on either the bottom plates or foundation.

### 3.7. Inhibitor IDS System benefits

- Provides the option for replenishment.
- Can be combined with simple monitoring.
- Procedures to ensure the effectiveness of the solution.
- Corrosion protection for voids & interstices that are impossible to protect with other methods.
- Protection for tank bottom plates and welds with little to no surface preparation.
- VCIs offer non-permanent corrosion protection at the molecular level that is safe and eco-friendly.
- Zerust's methods of VCI dispersion ensure.
- Uniform distribution. The service life of the tank bottom can be increased. Significantly at a minimal cost.





## **6. SOGEC Services**

### **4.8. Solution Effectiveness IDS**

Solutions are comprehensive and proven methods for protecting storage tanks with soil-side bottoms. IDS solutions reduce overall costs for tank farm owners while increasing corrosion efficacy. Tank operations do NOT need to be stopped during the inspection or maintenance of the SSB solutions.

### **4.9. Pipeline Casing Protection (Liquid, powder & Gel)**

### **4.10. Equipment Preservation**

# 4. Non-Destructive Testing (NDT)

With more than 20 years of experience in providing Advanced & Conventional Non-Destructive Testing Services NDT services, utilizing standardized procedures, certification programs, and audit tracking, SOGEC has become a leader in the Non-Destructive Testing NDT industry. These services are the fundamental basis for most inspection and reliability programs. Our Non-Destructive Testing Services encompass a wide range of Inspection, Quality Assurance, and Quality Control offerings operating within the guidelines of our ISO 9001:2000 Quality Program. All in-house and field services are supported by our highly experienced management and engineering team, dedicated to customer service.

### **Non-Destructive Testing Services include:**

- 4.1. Conventional NDT Services
- 4.2. Advanced NDT Services



## 6. SOGEC Services

### 4.1. Conventional NDT Services (CNDT)

SOGEC has many years of individual and collective experience in the Conventional NDT Services, which includes:

- Ultrasonic Thickness Gauge Testing - UTT
- Radiographic Testing – RT
- Small Controlled Area Radiography (SCAR)
- Digital Radiography Testing
- Ultrasonic Shear Wave Testing – UT
- Paint & Coating Thickness Testing
- Magnetic Particle Testing MPT
- Dye Penetrant Testing
- Ferrite Testing
- Leak Detection
- Visual inspection
- Holiday Test

#### 1. Ultrasonic Thickness Gauge Testing (UTT)

Ultrasonic Thickness Testing (UTT) is a method of performing non-destructive measurement (gauging) of the local thickness of a solid element based on the time taken by the ultrasound wave to return to the surface.

#### 2. Radiographic Testing

Conventional RT is a nondestructive examination (NDE) method that uses X-rays and gamma rays for detecting internal imperfections, measuring wall thickness, and detecting corrosion.

#### 3. Small Controlled Area Radiography (SCAR)

Perform Small Controlled Area Radiography (SCAR) radiographic inspections in close proximity to other trades, nucleonic process control equipment, and critical safety systems, such as visual flame detectors, to minimize the impact of RT on continuing operations or outage schedules. SCARPro, can obtain up to 98% reduction in exclusion zones compared to conventional radiography techniques.

#### 4. Digital Radiography Testing

Digital radiography is an advanced technology based on digital detector systems in which the x-ray image is displayed directly on a computer screen without the need for developing chemicals or intermediate scanning. The incident x-ray radiation is converted into an equivalent electric charge and then to a digital image through a detector sensor. Compared to other imaging devices flat panel detector provides high quality digital images with better signal to noise ratio and improved dynamic range, which in turn provides high sensitivity for radiographic application.

## **6. SOGEC Services**

### **5. Ultrasonic Shear-Wave Testing**

Shear-Wave Ultrasonic Testing, also known as an “angle-beam inspection,” is a UT technique that uses a probing ultrasonic transducer with a plastic wedge to test component strength. The probe conducts an ultrasonic beam at an angle into the test area, moving move back and forth as it detects any flaws based on the refraction of the beam. From there, our highly skilled technicians evaluate the gathered information.

### **6. Paint & Coating Thickness Testing**

Various methods of NDT are used for the measurement of coating thickness – paint thickness, plating thickness, anodising etc.

### **7. Magnetic particle Testing MPT**

Magnetic particle inspection is used to locate surface breaking defects and is used on ferrous materials to look for cracks, laps, seams, voids, pits, and other surface defects or slightly subsurface defects. It can be performed in-house or in the field.

### **8. Dye Penetrant Testing**

Penetrant inspection is used to locate surface breaking defects and is used on materials such as metals, composites, and ceramics, identifying surface anomalies such as cracks, seams, blow holes, laps, external bursts, and welding defects. It can be performed in-house or in the field.

### **9. Ferrite Testing**

Ferrite testing, also referred to as a ferrite scope test, is a rapid non-destructive inspection method used to measure the amount of delta ferrite on austenitic stainless steel and duplex stainless steel materials.

### **10. Leak Detection**

Leak Detection covers a wide range of techniques used to detect the leakage of fluids from the test part. In most cases, fluids are pressurized on one side of the test part.

### **11. Visual Inspection**

Visual inspection is the basis for all NDT inspection programs. commonly used NDT method across all industries. It allows for a feasible and fast control of quality at every step of the fabrication or maintenance process. Visual Testing (VT) is used to detect visible flaws such as deformation, welding defects and corrosion. Many tools can be used during the inspection such as a ruler, gauges, cameras, etc.



## 6. SOGEC Services

### 12. Holiday test

Holiday test or a Continuity test is one of the non destructive test method applied on protective coatings to detect unacceptable discontinuities such as pinholes and voids. The test involves checking of an electric circuit to see if current flows to complete the electrical circuit.



## 6. SOGEC Services

### 4.2. Advanced Non-Destructive Testing

Advanced Non-Destructive Testing Services include:

- Phased Array Ultrasonic Tasting
- Time-of-Flight Diffraction (TOFD)
- Magnetic Flux Leakage (MFL) Tank Floor Inspection
- Boroscope Inspections
- Corrosion mapping

#### 1. Phased Array Ultrasonic Tasting

A Phased Array generates an ultrasonic beam with the capability of setting beam parameters. Applications include weld inspection, complex geometries, defect detection, and location and sizing. The ability to record weld scans and to visualize the reflectors and their position within the weld makes it a qualified technology and an excellent choice for projects constructed to Various National & International Codes.

#### 2. Time-of-Flight Diffraction (TOFD)

The Time-of-flight diffraction (TOFD) method of ultrasonic testing is a sensitive and accurate method for the non-destructive testing of welds for defects.

Tube Inspection Services (ECT, MFL, RFT, NFT, IRIS) :SOGEC provides complete tube inspection services. This advanced tube inspection system has bundled five inspection technologies into a single unit. ECT, MFL, RFT, NFT & IRIS. Advanced Tubing Inspection NDT Methods For Boiler & Heat Exchanger Equipment In The Petrochemicals Industry To Supplement Major Turnaround Inspections.

The Usual Means Of Examination Is To Insert Some Type of Probe Into The Tubes, One At a Time, While Data Is Recorded For Later Interpretation. The Technologies Listed Below ( ECT, RFT, IRIS and MFL ) Are All Able To Detect Defects on the Out Side Of The Tube From The Inside.

#### 3. Magnetic Flux Leakage (MFL) Tank Floor Inspection

Magnetic Flux Leakage (MFL) uses a powerful magnet to magnetize the conductive material under test (usually steel). Where there are defects -corrosion or material loss - the magnetic field “leaks” from the steel.

MFL probes incorporate a magnetic detector placed between the poles of the magnet where it can detect the leakage field. During the inspection, a magnetic circuit of sorts forms between the part and the probe. The magnetic field induced in the part saturates it until it can no longer hold any more flux. The flux overflows and leaks out of the pipe wall and strategically placed sensors can accurately measure the three-dimensional vector of the leakage field.

## 6. SOGEC Services

### 4. Borescope Inspections

SOGEC Advanced NDT Solutions provides a comprehensive Borescope Inspection Service. The borescope is an essential tool for inspecting of power plant components. Commonly used in high-value rotating power-plant equipment such as steam turbines, gas turbines and generators it is also extremely useful for checking the internal or to reach external surfaces of the boiler and HRSG tubes and piping.

### 5. Corrosion mapping

Corrosion mapping is a quantitative way to inspect a material where oxidation or erosion has reduced its thickness. Variations in material thickness due to corrosion can be identified and graphically portrayed as an image. The technique is widely used in the oil and gas industries for the in-service detection and characterization of corrosion in pipes and vessels. The data is stored on a computer and may be color-coded to show differences in thickness readings.





# 5. Heat Treatment

Heat Treatment Services: SOGEC has a high level of knowledge and experience in this service and a variety of equipment to make sure that client needs related to Heat Treatment are fulfilled with the utmost quality.

The HT team consists of around 97 experienced employees of different crafts (Engineers, Technicians, Inspectors, Helper, Specialists, etc..).

### **Heat Treatment Services include:**

- 5.1. Post-Weld Heat Treatment (PWHT)
- 5.2. Pre-Heating
- 5.3. Refractory Dry-out
- 5.4. Solution Annealing
- 5.5. Hardness Testing
- 5.6 Furnaces
- 5.7. Stress Relieving
- 5.8. Internal Firing
- 5.9. Positive Material Identification (PMI)
- 5.10. Normalizing





## 6. SOGEC Services

### 5.1. Post-Weld Heat Treatment (PWHT)

Post-Weld Heat Treatment Services (PWHT) are defined as one of the heat treatment methods done after welding/machining to improve the Chemical and/or mechanical properties of weldments/machined surfaces. In concept, PWHT covers many different potential treatments. However, in steel fabrication, the most common procedure used is Stress relief. It can be applied to pipelines, steel structures, vessels, boilers, tanks, etc. SOGEC has a variety of electrical and firing equipment to make sure that client needs are fulfilled with the utmost quality.

### 5.2. Pre-Heating

Preheating involves raising the temperature of the parent material locally, on both sides of the joint, to a value as specified in codes. The need for preheating is usually determined by the applicable fabrication code and verified by the weld procedure qualification test. Preheat may be required as an aid to welding for one of the four basic reasons:

- To control the rate of cooling,
- To control the diffusion rate of hydrogen in a welded joint.
- To reduce thermal stress.
- Compensation for heat loss.

### 5.3. Refractory Dry-out

SOGEC has extensive experience in the field of refractory dry-out and in controlled heating and ventilation for the drying of specialized refractory linings used in process industries such as the steel, petrochemical, and aluminum industries. Our expertise in these areas ensures maximum effectiveness and minimum equipment downtime. By utilizing state-of-the-art equipment, including digital process controllers, fully proportional fuel actuators, and solid-state features, our engineers are able to provide flexible service that meets the most demanding of specifications. Moisture is removed by strictly controlling heating rates to eliminate the risk of refractory damage from spalling and enhance the life of refractory linings. The versatility and ease of flexibility of SOGEC dry-out equipment make us stand out in this field.

### 5.4. Solution Annealing

Our heat treatment services for annealing various metals, such as steel, aluminum, and copper, improve the ductility as well as the ability to be shaped or formed of all types of metals. It is a process in which carbides that have precipitated at the grain boundary are dissolved into the surrounding matrix by taking them to material-specific temperatures to allow carbon to go into solution and then quickly cooling them.

## **6. SOGEC Services**

### **5.5. Hardness Testing**

Having the correct hardness of steel structures and pipelines is critical in the field and in plants. SOGEC has the ability to conduct both methods of hardness testing that are available in today's market, be it manual hardness or digital hardness. It is a major goal in quality assurance that can be achieved with SOGEC personnel having proven metallurgical knowledge and years of experience in this field.

### **5.6 Furnaces**

The stress relieving heat treatment process involves heating subjects to a temperature below the transformation temperature in order to relieve residual stresses in the material and lower the hardness values of the material, which can cause distortions in the long term in the subjected items. Internal stresses in welded structures are removed by the stress-relieving method.

### **5.7. Stress Relieving**

The Internal Rotary Inspection System (IRIS) is an ultrasonic method for the nondestructive inspection of tubes. IRIS uses a rotating mirror to direct ultrasonic waves into the tube wall, allowing for the detection of metal loss from the inside and outside of the tube. The IRIS probe is inserted into a tube that is flooded with water, and the probe is pulled out slowly as the data is displayed and recorded.

IRIS is a versatile inspection method that can be used to inspect a wide range of tubes, including pipes, heat exchangers, and pressure vessels. IRIS is particularly useful for inspecting tubes that are difficult to access or that have complex geometries.

### **5.8. Internal Firing**

SOGEC has vast experience in on-site internal firing in the GCC region, ranging from pressure vessels to tanks and boilers. In this method, the workpieces or equipment are themselves converted into a furnace and heated internally by diesel or gas-fired burners located at appropriate points, and the whole equipment is completely covered with insulation material to avoid heat losses. SOGEC has specialist personnel and portable equipment that can perform PWHT on this equipment in an efficient and convenient way.

### **5.9. Positive Material Identification (PMI)**

Positive Material Identification (PMI) quickly and accurately identifies the composition of more than 100 different engineering alloys onsite. SOGEC can perform PMI on virtually any size or shape of pipe, plate, weld, welding materials, machined parts, or castings. We perform both X-Ray Fluorescence (XRF) and Optical Emission Spectroscopy (OES), two methods of conducting a PMI examination. Both methods ensure compliance with Process Safety Management (PSM) requirements and, combined with experienced personnel, give you a reliable result.

## 6. SOGEC Services

### 5.10. Normalizing

The normalizing Heat Treatment process involves heating a steel above the critical temperature, holding it for a period of time long enough for transformation to occur, and air cooling to make the material softer, but it does not produce material properties like annealing. Normalized heat treatment establishes a more uniform carbide size and distribution, which facilitates later heat treatment operations and produces a more uniform final product. This treatment refines the grain size and improves the uniformity of the microstructure and properties of hot-rolled steel.



## 6. Inspection Services

At SOGEC, we have highly qualified and experienced specialized Inspection team, who provides the Inspection Services that include:

- 6.1. PQR Qualification
- 6.2. WQT Witnessing
- 6.3. API Inspection

**Inspection Supporting Services include:**

- Positive Material Identification (PMI)
- In-situ Metallography
- ASNT Level III Consulting Services





## 6. SOGEC Services

### 6.1. PQR Qualification

SOGEC helps customers set up their own PQR (a record of the welding data used to weld a test coupon), WPS (a written qualified welding procedure prepared to provide direction for making production welds to Code requirements) and qualify their welders. In SOGEC, we have highly qualified and experienced Certified Welding Inspectors and Metallurgists to develop new welding procedures and overcome the difficulties in current procedures by providing a complete range of services like PQR qualification, NDT and PWHT of test coupons, and mechanical testing of the test pieces.

### 6.2. WQT Witnessing

SOGEC has experienced certified welding inspectors (AWS CWI / CSWIP) who can test your welders using the necessary methods as required by the many welding codes and standards. They are fit for the required welding task as needed.

### 6.3. API Inspection

We are an end-to-end service provider for asset integrity management, consulting, and supplier evaluation. Our API Inspection Team specializes in providing both on-site and off-site management to complete your turnaround on schedule. Our inspectors can provide support while your plant is in operation, in addition to turnaround-based inspection programs.



## 6. SOGEC Services

### Inspection Supporting Services

#### 1. Positive Material Identification (PMI)

Positive Material Identification (PMI) quickly and accurately identifies the composition of more than 100 different engineering alloys onsite.

We perform both X-Ray Fluorescence (XRF) and Optical Emission Spectroscopy (OES), two methods of conducting a PMI examination.

#### 2. In-situ Metallography

In-situ Metallography is a non-destructive testing tool that is used to extend the life of components by preparing & evaluating the replication of microstructure.

Application areas include fertilizer, petrochemical, aerospace, chemical plants, foundries, forge shops, steel plants, automobiles, oil & gas, offshore structures, and chemical processing industries.

#### 3. ASNT Level III Consulting Services

We are an end-to-end service provider for asset integrity management, consulting, and supplier evaluation. Our API Inspection Team specializes in providing both on-site and off-site management to complete your turnaround on schedule. Our inspectors can provide support while your plant is in operation, in addition to turnaround-based inspection programs.

#### **Our ASNT-certified Level 3 consultants can assist you with:**

- Technical Procedure Development NDT
- Process Implementation
- NDT Engineering
- Employee Certification
- Process Control Documentation
- Process Auditing
- Compliance Audit Preparation
- Radiation Safety Support





## 7. Stand-alone Solar Energy Services

A successful solar energy project with an average lifetime of 25 years requires detailed analytics from the moment our client starts considering it. Starting with the site surveys and the feasibility studies to the detailed design, engineering, and eventual handover of the system, we provide our clients with complete turnkey solutions, turning ideas into realities.

### **Standalone Solar Energy Services include:**

- 7.1. Project Development
- 7.2. EPC Turnkey Services
- 7.3. Build, Operate, Transfer (BOT)
- 7.4. Project Management
- 7.5. Operation & Maintenance



## 6. SOGEC Services

### 7.1. Project Development

We guide our clients through the very early stages of their future projects to the very end, lending our skills and expertise to assist them in whatever they may need for the duration of the project and beyond.

### 7.2. EPC Turnkey Services

Our highly advanced and detailed engineering is the beating heart of each and every project we take on, from the design stages to the implementation of a solar energy project with careful monitoring and maintenance throughout its lifetime to ensure the health and productivity of the system on a yearly basis.

### 7.3. Build, Operate, Transfer (BOT)

Our BOT financial solution is structured to give our clients the option of initial cost sharing while providing a bankable PV plant from the initiation until the final transfer and ownership handover.

### 7.4. Project Management

We strive to make sure our projects are being managed properly, hiring only the best project managers to oversee the entire process from start to finish. This is how we ensure our final products are delivered on time and on budget.

### 7.5. Operation & Maintenance

We perform system checkups on a frequent basis to ensure the healthiness and functionality of our systems. We have an entire team dedicated to mitigating the expected environmental impacts that could potentially affect the system's productivity as well.

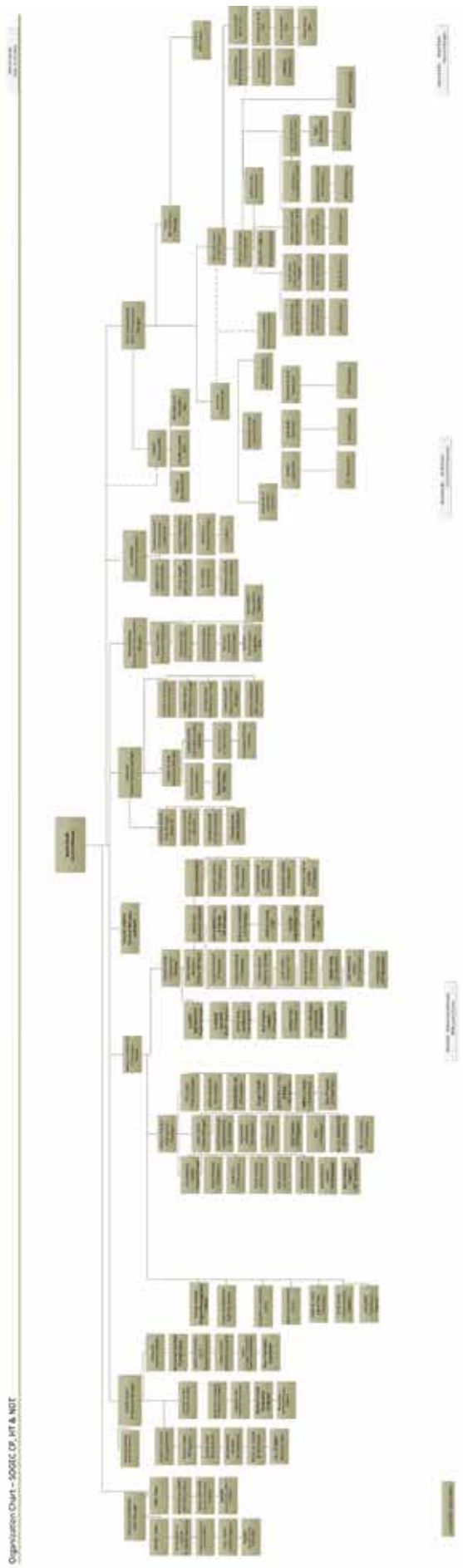




# 7. Organization Chart



# 7. Organization Chart



Organization Chart - SCDC OF, PI & NT

# 8. Projects References



## 8. Projects References

### 8.1. Cathodic Protection - Completed Projects

Date	Project	Client	End Client	Location
Apr, 2014	Cathodic Protection System for Jazan Refinery and Terminal Project. (Package #2)	Hyundai Arabia Company L.L.C	ARAMCO	Jazan
Apr, 2018	Photovoltaic Power Supply for Cathodic Protection System for MYDN and SIDR Wells for ARAMCO	GECAT LTD Co.	ARAMCO	Tabuk
Mar, 2015	Cathodic Protection System Jazan Refinery & Economic City Project-EPC 13, ARAMCO	Hitachi Ltd., Infrastructure Sys. Co.	ARAMCO	Jizan
Dec, 2016	Cathodic Protection System for 60" Pipelines in Petrokemya	ISD (Industrial Services Divion)	SABIC	Jubail
Jun, 2014	Cathodic Protection System for Sea Water Pump Stations for Royal Commission in Ras Al-Khair	FEMCO	Royal Commission	Ras AlKhair
Apr, 2014	Cathodic Protection System for Tanks & Piping for Strategic Reservoirs Makkah Al-Mukarramah, Briman Strategic Reservoir - Phase 2 and Expansion Al Haram Project.	MAPA Construction and Trade Co. Inc.	NWC	Jeddah and Makkah
Jun, 2006	Cp.Survey & Design For Well Casing (Water & Oil) Detail Engineering For Khurais Upstream Facilities	Saudi Consolidated Engineering Co. (Khatib Alami)	ARAMCO	Khurais
Nov, 2004	Cathodic Protection System Monitoring & Maintenance @ Ghazlan & Qurayyh Power Plant	SCECO	SCECO	Ghazlan & Qurayyah
Mar, 2007	Cathodic Protection System for Industrial Facilities Expansion project	Al-Harbi Trading And Contracting Co.	Royal Commission	Jubail
May, 2008	Cathodic Protection System for Eastern Province Water Transmission System	Yuksel Insaat Saudia Co.	SWCC	Dammam
Feb, 2008	SWCC - Shoiba Phase 3 Water Transmission Systems	SSEM	SWCC	Shoiba
Jan, 2010	Replacement Of Cp System For Gathering Station At Kjo	ZEDAN GROUP	KJO	alkhafji



## 8. Projects References

Date	Project	Client	End Client	Location
Mar, 2010	Cathodic Protection System for 80" Pipeline Connection to Arafat Tanks & Pipelines at Shoaiba Ph 3 WTS Project	RTCC	SWCC	Shoaiba
Jun, 2010	Cathodic Protection System for Ras Az Zawr-Riyadh Water Transmission System	RTCC	SWCC	Riyadh
Dec, 2010	Replacement of Cathodic Protection Systems at Ghazlan Power Plant Units 4 - 1	SCECO	SCECO	Ghazlan
May, 2012	Cathodic Protection System for construction works at Ras Al-Khair-Hafar Al-Batin Water Transmission System	MAPA LIMAK MNG. CO.	SWCC	Ras Al-Khair-
Feb, 2013	Cathodic Protection System for Booster Pump Station & Valve Chamber VC - 101	China Communications Construction Co. Ltd	Royal Commission	Jubail
Mar, 2011	Cathodic Protection for Saudi Aramco Yanbu Export Refinery Project, Tank Farm Package (SP01-)	ENPPI	YASREF	Yanbu
May, 2011	Cathodic Protection System for 11 Tanks in Rabigh Power Plant 2 for SEC	Hidada	SEC - Jeddah	Jeddah
Nov, 2011	Cathodic Protection System for AL BAHA - TAIF Water Transmission System	Jai Hind	Riyadh	Riyadh
Jan, 2012	Internal C.P system for 31 Tanks In Yanbu Export Refinery	Yanbu Steel Company	YASREF	Yanbu
Apr, 2012	Cathodic Protection System for Twenty Tanks in Yanbu Export Refinery Project (SP4)	BONNATI	YASREF	yanbu
Sep, 2012	Cathodic Protection System for Tanks, Vessels and Plant Piping in KAIA.	Dar Al Arabia	KAIA	jeddah
Mar, 2020	CP & Induced AC voltage mitigation studies for Jafurah downstream program pipelines project for Aramco.	Wood Amec Foster Wheeler Energy & Partners Engineering Co.	ARAMCO	Dammam
Mar, 2019	CP system for South Area Safety Related Facilities project for Al-Khafji Joint Operations.	Engineering for Petroleum and Process Industries (ENPPI)	KJO	Khafji

## 8. Projects References

### 8.2. Cathodic Protection - On-Going Projects

Date	Project	Client	End Client	Location
Dec, 2016	Cathodic Protection System for Waad Al Shamal ISCCPP - SEC Project	Abener Abeinsa for Const., Water and Power Co. Ltd.	SEC	Waad Al Shamal
Sep, 2020	Cathodic Protection Corrective Maintenance Services At Sabtank	Sabic - Sabtank	SABIC	Jubail
Jul, 2019	Cathodic Protection System for BOG Pipeline from Petrokemya to United Project	Sinopec Engineering Group Saudi Co.	Sabic	Jubail
Sep, 2020	AC Mitigation Study & Materials for Taif-Turubah-Ranyah-ALKhurmah Water transmission System for SWCC.	MAPA Construction and Trade	SWCC	Taif
May, 2016	Cathodic Protection System for DUBA Green Integrated SOLAR combined Cycle Power Plant	SSEM-INITEC Energi CONSORTIUM	SEC	DUBA
Sep, 2018	Cathodic Protection Systems For Taif /Turubah /Ranyah/ Al Khurmah Water Transmission System	MAPA Construction and Trade	SWCC	Taif
Aug, 2020	Annual and bi-monthly survey for CP system in Petrokemya North plant (SADAF)	Sabic - Petrokemya	SABIC	Jubail
Feb, 2021	Photovoltaic Power Supply For Cathodic Protection System For Master Gas System Phase 2 Central Re-gion Pipeline - Package2-	Diyar Al Watan Trading & Construction Company (DACO)	ARAMCO	Riyadh
Mar, 2019	CP Drilling and Supervision of Installation for Reroute Pipeline in Ras Tanura Area Project for ARAMCO	China Petroleum Pipeline Engineering Co.- CPP	ARAMCO	Ras Tanura
Feb, 2014	Cathodic Protection System for Four(4) Tanks and Underground Diesel Storage Vessels for King Abdulaziz Airport Jeddah	Saudi Binladin Group	Civil Aviation	Jeddah
Sep, 2018	Cathodic Protection Systems For Arafat - Taif Water Transmission System	MAPA Construction and Trade	SWCC	Taif
Apr, 2015	Cathodic Protection System for PP13 Combined Cycle Power Plant - SEC in Riyadh	Assad Said for Contracting Co. Ltd.	SEC	Riyadh

## 8. Projects References

Date	Project	Client	End Client	Location
Nov, 2020	Cathodic Protection System for YANPET EG2 Efficiency Improvement Project	Sinopec Engineering Group Saudi Co.	SABIC	Jubail
Apr, 2020	Cathodic Protection System for Water Pipelines at King Khalid Military City Feeder – Hafr Al Batin Water Transmission System Project	Mutlaq Al-Ghowari Co.	SWCC	Hafr Albatin
Jun, 2020	Cathodic Protection System For Al-Qunfudah City New Feeder	Saudi Services for Electro Mechanic Works Co. SSEM	SWCC	Qunfudah
Feb, 2020	Cathodic Protection System for Taif / Turubah/Ranyah/ Al Khurmah Water Transmission System for SWCC	Saudi Services for Electro Mechanical Works Co. Ltd. (S.S.E.M.)	SWCC	Taif
Apr, 2015	Cathodic Protection System for 6 Nos. Water Steel Tanks at TGE Tank Farm for National Water Co.	RTCC	NWC	Riyadh
Nov, 2020	CIPS AND DCVG Inspection Project For ARAMCO	Aramco	M-ARAMCO	Dammam
Sep, 2020	Corrosion Inhibitors Protection of "Internal Surfaces" for Six Tanks in JEDDAH for Aramco	Saudi Services for Electro Mechanic Works Co. SSEM	ARAMCO	Jeddah
Nov, 2019	Cathodic Protection System for EPCI - SFNY PHASE8- for Aramco	McDermott Middle East, Inc.	ARAMCO	Marjan
Sep, 2020	AC Mitigation Study & Materials for Arafat-Taif Water transmission System for SWCC.	MAPA Construction and Trade	SWCC	Taif
Oct, 2016	Cathodic Protection System for Waad Al Shamal ISCCPP - SEC Project	Abener Abeinsa for Const., Water and Power Co. Ltd.	SEC	Waad Al Shamal
Jun, 2019	Cathodic Protection System For Jubail-Riyadh Transmission System	Al Rashid for trading & Contracting Co.- RTCC	SWCC	Jubail-Riyadh
Dec, 2019	Cathodic Protection System for SADAF CLC Project in Jubail.	China Tianchen Engineering Corporation	SABIC	Jubail
Dec, 2014	Cathodic Protection System for Six 167,000m3 Potable Water Storage Tanks for NWC in Riyadh	TH Engineering & Consulting FZE	NWC	Riyadh

## 8. Projects References

Date	Project	Client	End Client	Location
May, 2018	Cathodic Protection System For Haradh And Hawiyah Gas Compression Project	TECNICAS REUNIDAS SAUDIA	ARAMCO	Haradh
Nov, 2018	Cathodic Protection System for TS8-bridge piles at KRT crossing in Jubail	Branch of China Railway 18th Bureau Group Co.Ltd	Royal Commission	Jubail
Dec, 2014	Cathodic Protection System for Upgrade Phase II - YANPET Tanks for SABIC	SABIC-Yanpet	SABIC	Yanbu
Jan, 2019	Supply for CP Materials for Piles below YMT Jetty, Boat Pier Piles and Fire Water Intake Sheet Pile Structure.	Alaa International Contracting Co.- AICCO	YASREF	Yanbu
Jul, 2019	Cathodic Protection System for BERRI Development Offshore Platforms and Flow lines (LTA34-) & MRJN WI TP1- Jacket and Deck (LTA35-) for Aramco.	Snamprogetti Saudi Arabia Co.Ltd. (Saipem)	ARAMCO	Marjan
Ju, 2019	CP System for Tanks and Station Piping At Jubail-Riyadh Water Transmission System	Limak Construction Industry and Trade Inc.	SWCC	Jubail
Dec, 2019	Cathodic Protection System For Shuqaiq Phase 3 Water Transmission System	Al Rashid for trading & Contracting Co.- RTCC	SWCC	Shuqaiq
Sep, 2020	AC Mitigation Study & Materials for Rabigh/ Jeddah/ Mekkah Water transmission System for SWCC	MAPA Construction and Trade	SWCC	Taif
Sep, 2018	Cathodic Protection Systems For Rabigh - Jeddah / Makkah Water Transmission System	MAPA Construction and Trade	SWCC	Jeddah



## 8. Projects References

### 8.3. Corrosion Monitoringn - On-Going Projects

Date	Project	Client	End Client	Location
ECP0104-21	Conduct Online Retrieving & Replacing In-kind Corrosion Coupon @ HGP for ARAMCO. PR-3000952677# 1	Aramco	ARAMCO	Hawiyah
ECP0156-21	Conduct Corrosion Coupon/Injection Quills Retrieval and Analysis@ Abqaiq Plants	Aramco	ARAMCO	Abqaiq

## 8. Projects References

### 8.4. Non-Destructive Testing - Completed Projects

Client	Project	Start Date	End Date
Saudi Aramco	NDT Conventional Contract -RT & Corrosion Services at Juaymah (Al Fayez Ali Nasser)	Feb, 2015	Feb, 2015
Nesma	PWHT Services at FCC- Package 2A JERP, Jubail	Mar, 2014	May, 2014
Nesma	NDT Services at FCC- Package 2A JERP, Jubail - (UT Services for Sinopac)	Mar, 2014	May, 2014
Saudi Aramco	NDT Conventional Contract - UTT Services at Khurais (Khalid Bu Shilibi)	Mar, 2015	Mar, 2015
Saudi Aramco	NDT Conventional Contract - UTT Services at Abqaiq(Abdulmajeed Al Obaid)	Mar, 2014	Mar, 2014
Saudi Aramco	NDT Conventional Contract - RT Services at Khursaniyah (Ali Al-Robeh)	Jun, 2015	Jun, 2015
Saudi Aramco	NDT Conventional Contract - UTT Services at Shaybah (Abdul Mohsen Al Zaher)	Mar, 2015	Mar, 2015
Yansab / Sabic	RT Services at Yansab	Nov, 2013	Nov, 2013
Petro Rabigh	Solution Annealing Services at Ethane Cracker Unit	Jan, 2013	Jan, 2013
Petro Rabigh	Solution Annealing Services at Ethane Cracker Unit	Jan, 2013	Mar, 2013
Olayan Descon	NDT, TOFD, PAUT, PMI, Ferrite Services During Samref Turnaround- T2 (FCC & Major Projects)	Jan, 2013	Jan, 2013
Technical Contracting Company	Pipe Fabrication & Erection Work At Wasit Project	Mar, 2013	Apr, 2013

## 8. Projects References

Client	Project	Start Date	End Date
Inma Steel Fabricators Co. Ltd.	PWHT of Production Traps	Mar, 2013	Mar, 2013
Inma Steel Fabricators Co. Ltd.	Heat Treatment Services at Saudi Kayan	Feb, 2013	Mar, 2013
Ibn Rushd / Sabic	NDT Services at Ibn Rushd, Yanbu (4600006612)	Mar, 2013	Mar, 2013
Ibn Rushd / Sabic	NDT Services at Ibn Rushd, Yanbu (4600006612)	Aug, 2013	Aug, 2013
Saudi Aramco	HT Services at Ras Tanura Refinery	Jun, 2013	Jun, 2013
Saudi Aramco	UT Services at Shaybah (Ali Al-Nasser)	Mar, 2015	Mar, 2015
Ibn Baytar / Sabic	NDT Services at IBBTA14- Urea	Feb, 2014	Feb, 2014
Ibn Baytar / Sabic	NDT Services at IBBTA14- Urea	Mar, 2014	Apr, 2014
Saudi Aramco	UT Services at Manifa (Ali Al Towaimer 8947479#)	Mar, 2015	Mar, 2015
Binzagr Factory for Insulation Materials Co. Ltd.	Refractory Dryout Services at Yasref Refinery, Yanbu	Nov, 2013	Nov, 2013
Saipem Taqa Al Rushaid Fabricators Co. Ltd.	NDT Services for Various Projects in Dammam	May, 2014	May, 2014
Saipem Taqa Al Rushaid Fabricators Co. Ltd.	NDT Services for Various Projects in Dammam (UT SHEARWAVE)	Jun, 2014	Jun, 2014
Saudi Aramco	NDT Services During Yanbu Refinery Total Refinery Shutdown (TRS) 2014	Feb, 2014	Mar, 2014
Nass Industrial Services	HT Services For Sadara Project in Bahrain	Mar, 2014	Mar, 2014

## 8. Projects References

Client	Project	Start Date	End Date
Nasser S. Al Hajri	PWHT Services for Kemya Project, Jubail	Apr, 2014	Apr, 2014
Nasser S. Al Hajri	NDT Services for Kemya Project, Jubail	Jan, 2014	Mar, 2014
PETROJET - Saudi Arabia	NDT Services for Petrorabigh Petrochemical Project	May, 2014	May, 2014
Saudi Aramco	Refractory Dryout Services of Green Cast 94, KS4, and Cast 94 at HGP	Mar, 2014	Apr, 2014
Petro Rabigh	PWHT Services During Repair of Tower T0001 for R291 at ARU2- Unit	Mar, 2014	Apr, 2014
Binzagr Factory for Insulation Materials Co. Ltd.	Refractory Dryout Services For Reactor at Jubail	May, 2014	Jun, 2014
Larsen & Toubro	NDT Services for Midyan Gas Processing Facilities	Sep, 2014	Sep, 2014
Gulf Consolidated Contractors Company (GCC)	NDT Services For Pipe Line Instrument Scrapping Facilities	Mar, 2015	Mar, 2015
Gulf Consolidated Contractors Company (GCC)	NDT Services For Pipe Line Instrument Scrapping Facilities (Revised PO / 2017)	Mar, 2017	Mar, 2017
Saudi Aramco	Supply of Certified NDT Technician Manpower to NGL, Yanbu	Jan, 2015	Feb, 2015
Kayan / Sabic	Heat Treatment Services	May, 2016	May, 2016
Saudi Aramco	RT Services in Shaybah (Anish Kumar)	May, 2015	May, 2015
Petro Rabigh	Supply of Heat Treatment Crew	Oct, 2015	Nov, 2015
Petro Rabigh	Supply of Heat Treatment Crew	Nov, 2015	Dec, 2015



## 8. Projects References

Client	Project	Start Date	End Date
Petro Rabigh	Supply of Heat Treatment Crew	Dec, 2015	Jan, 2015
Saudi Aramco	NDT Services for FZRN Pipelines, Abqaiq	May, 2015	Aug, 2015
Hanwha Saudi Contracting	NDT Services at Jazan Construction Site	Mar, 2016	May, 2016
Olayan Descon	NDT Services for Petro Rabigh Project	Aug, 2015	Aug, 2015
Petro Rabigh	Provision of Heat Treatment Crew for R-430FR0180-Furnace Coil Job	Aug, 2015	Aug, 2015
Saudi Aramco	MFC for Conducting Radiography Services	Oct, 2015	Nov, 2016
Shandong Electric Power Construction	NDT Services at Jazan, Power Block, Pkg# 4	Aug, 2016	Aug, 2016
Shandong Electric Power Construction	PWHT Services at Jazan, Power Block, Pkg# 4	Mar, 2016	May, 2016
Bonatti SPA Branch	Providing NDT Services for Replacement of KRT2-Pipeline and Daylighting Project	Sep, 2015	Sep, 2015
Target Construction Saudi Arabia (W.L.L)	Providing NDT Services at Yanbu Refinery	Dec, 2015	Dec, 2015
Sadaf / Sabic	PWHT Services at Sadaf	Oct, 2018	Oct, 2018
Nasser S. Al Hajri	Providing NDT Services For Saudi Aramco Projects	Dec, 2015	Dec, 2015
Hidada Contracting Co. Ltd.	Providing RT Services for Storage Tank at Jazan	Apr, 2016	May, 2016
Petroleum Chemicals & Mining Co. Ltd.	Providing NDT Services at Ibn Sina, Jubail		

## 8. Projects References

Client	Project	Start Date	End Date
Safco / SABIC	Providing Advanced NDT Services at Safco	Apr, 2016	May, 2016
Saudi Electric Co.	Providing UT Services for Power Plants in Kingdom	Jun, 2019	Jun, 2019
Saudi Aramco	Non Destructive Testing Conventional Services	Mar, 2016	Mar, 2016
Saudi Aramco	Non Destructive Testing Conventional Services	May, 2016	May, 2016
Saudi Aramco	Non Destructive Testing Conventional Services	Apr, 2016	Apr, 2016
Saudi Aramco	Non Destructive Testing Conventional Services	May, 2016	May, 2016
Saudi Aramco	Non Destructive Testing Conventional Services	May, 2016	May, 2016
Saudi Aramco	Non Destructive Testing Conventional Services	Jun, 2016	Jun, 2016
Saudi Aramco	Non Destructive Testing Conventional Services	May, 2016	May, 2016
Saudi Aramco	Non Destructive Testing Conventional Services	May, 2016	May, 2016
Saudi Aramco	Non Destructive Testing Conventional Services	May, 2016	May, 2016
Saudi Aramco	Non Destructive Testing Conventional Services	May, 2016	May, 2016
Saudi Aramco	Non Destructive Testing Conventional Services	May, 2016	May, 2016
Saudi Aramco	Non Destructive Testing Conventional Services	May, 2016	May, 2016
Saudi Aramco	Non Destructive Testing Conventional Services	Nov, 2018	Nov, 2018

## 8. Projects References

Client	Project	Start Date	End Date
Saudi Aramco	Non Destructive Testing Conventional Services	May, 2016	May, 2016
Saudi Aramco	Non Destructive Testing Conventional Services	May, 2018	May, 2018
Saudi Aramco	Non Destructive Testing Conventional Services	May, 2016	May, 2016
Saudi Aramco	Non Destructive Testing Conventional Services - Supply of RTFI Technician - Zainul Haq	Aug, 2016	Aug, 2016
GAMA Al Moushegah Arabia Ltd.	Providing NDT Services For GOSP Project At Khurais	Nov, 2016	Nov, 2016
National Contracting Co. Ltd.	Providing NDT Services for Khurais Area Facilities Expansion & Satellite GOSP Project at Khurais	Nov, 2016	Nov, 2016
National Contracting Co. Ltd.	Providing PWHT Services for Khurais Area Facilities Expansion & Satellite GOSP Project at Khurais	Jan, 2017	Feb, 2017
Saudi Electric Co.	Supply of Specialized NDT Inspection	Jan, 2017	Jan, 2018
Saudi Aramco	Forced Curing of Vessels Coatings for SHGOSP 6&3 T&I 6510852330	Nov, 2016	Nov, 2016
Saudi Aramco	Non Destructive Testing Conventional Services	Dec, 2016	Dec, 2016
Saudi Aramco	Supply of Radioactive Isotopes for Saudi Aramco	Jan, 2016	Jan, 2017
Saudi Aramco	Non Destructive Testing Conventional Services	Dec, 2016	Dec, 2017
Saudi Aramco	Non Destructive Testing Conventional Services	Dec, 2016	Dec, 2017
Saudi Aramco	Non Destructive Testing Conventional Services	Dec. 2016	Dec. 2016

## 8. Projects References

Client	Project	Start Date	End Date
ArcelorMittal	Providing UT Services at Jubail	Dec, 2016	Dec, 2017
Target Construction Saudi Arabia (W.LL)	Providing NDT Services for Khafji to Tanajib Sour Gas Handling & Compression Project	Mar, 2017	Mar, 2017
Target Construction Saudi Arabia (W.LL)	Providing HT Services for Khafji to Tanajib Sour Gas Handling & Compression Project	Aug, 2017	Aug, 2017
Saipem Taqa Al Rushaid Fabricators Co. Ltd.	Providing NDT Services at Jubail	May, 2017	May, 2017
The Bahrain Petroleum Co. (BAPCO)	Provision of Heat Treatment Services - Platformer T&I 2017 (O286485)	Apr, 2017	Apr, 2017
Olayan Descon	Providing PWHT Services for Tanks	Jun, 2017	Jun, 2017
Kubota Saudi Arabia Company	Construction of Temporary Furnace and Providing Solution Annealing Services for Tubes	Mar, 2017	Jul, 2019
Petroleum Chemicals & Mining Co. Ltd.	Providing NDT Services for Fadhli Gas Program Project	Apr, 2017	Apr, 2017
Nasser S. Al Hajri	Providing NDT Services for Jazan Refinery & Terminal Projects	Jun, 2017	Jun, 2017
Nasser S. Al Hajri	Providing PWHT Services for Jazan Refinery & Terminal Projects	Feb, 2017	Feb, 2017
Saudi Aramco	Non Destructive Testing Conventional Services	Apr, 2017	Apr, 2017
Saudi Aramco	Non Destructive Testing Conventional Services	Jun, 2017	Jun, 2017
Saudi Aramco	Non Destructive Testing Conventional Services	Jun, 2018	Jun, 2018
SAIPEM Snamprogetti Saudi Arabia Ltd.	NDT Services for Hook-up Activities Offshore	Jun, 2017	



## 8. Projects References

Client	Project	Start Date	End Date
SAIPEM Snamprogetti Saudi Arabia Ltd.	NDT Services(Offshore for MZ7 Project / WO# 31113166)	Jun, 2017	Jul, 2017
SAIPEM Snamprogetti Saudi Arabia Ltd.	NDT Services For Hook up Activities ( WO# 31113290) For ARBI Project	Jun, 2017	Jun, 2017
SAIPEM Snamprogetti Saudi Arabia Ltd.	NDT Services for Hook-up Activities Offshore (H02735 S Aramco Karan 60/7,52 & TP1- AUX Gas (SA)	Nov, 2017	Nov, 2017
SAIPEM Snamprogetti Saudi Arabia Ltd.	NDT Services for (MJNZLF Spool Fabrication / WO# 31166491 )	Mar, 2018	Mar, 2018
SAIPEM Snamprogetti Saudi Arabia Ltd.	NDT Services on Board of C8 for SFNY / MARJN (LTA2- SFNY 10 Jackets & 9)	Apr, 2018	Apr, 2018
SAIPEM Snamprogetti Saudi Arabia Ltd.	NDT services for Hook-up activities Offshore - M&Z 7D and SFNY WO# 31231475	Jul, 2018	Jul, 2018
SAIPEM Snamprogetti Saudi Arabia Ltd.	HT Services for Hook-up Activities Offshore	Jun, 2017	
SAIPEM Snamprogetti Saudi Arabia Ltd.	HT Services for Hook-up Activities Offshore -ARBI WO# 31113290	Jan, 2018	Jan, 2018
Sinopec Engineering Group Saudi Co. Ltd.	Providing NDT Services for Fadhli Gas Program Project	May, 2018	May, 2018
Sinopec Engineering Group Saudi Co. Ltd.	Providing PWHT Services for Fadhli Gas Program Project	Dec, 2017	Dec, 2017
Saudi Aramco	Non Destructive Testing Conventional Services	Jun, 2017	Jun, 2017
Saudi Aramco	Non Destructive Testing Conventional Services	Jun, 2017	Jun, 2017
Saudi Aramco	Non Destructive Testing Conventional Services	Sep, 2018	Sep, 2018
Saudi Aramco	Non Destructive Testing Conventional Services	Jul, 2017	Jul, 2017

## 8. Projects References

Client	Project	Start Date	End Date
Saudi Aramco	Non Destructive Testing Conventional Services	May, 2017	May, 2017
Saudi Aramco	Non Destructive Testing Conventional Services	Aug, 2017	Aug, 2017
Larsen & Toubro	Providing PWHT Services For Hasbah Offshore Gas Facilities	Jul, 2017	Aug, 2017
Olayan Descon	Providing NDT Services during Samref TA 2018, Yanbu	Nov, 2017	Nov, 2017
SAUDI ARAMCO TOTAL Refining & Petrochemicals Company (Satorp)	Conventional NDT Contract	Jan, 2018	Feb, 2018
Petroleum Chemicals & Mining Co. Ltd.	Providing PWHT Services for Fadhili Project at Jubail	Oct, 2017	Oct, 2017
Olayan Descon	Providing PWHT Services for Amine Regenerator Column at Fadhli	Nov, 2017	Dec, 2017
Saudi Aramco	Non Destructive Testing Conventional Services	Nov, 2017	Nov, 2017
Saudi Arabian Kentz Co. Ltd.	Supply of Heat Treatment Technician at Jazan	Feb, 2018	Mar, 2018
Saudi Aramco	Non Destructive Testing Conventional Services	May, 2018	May, 2018
Saudi Aramco	Non Destructive Testing Conventional Services	Apr, 2018	Apr, 2018
Saudi Aramco	Provision of API certified Inspectors for 2019 Turnaround at YRD	Jan, 2019	May, 2019
TAMIMI Global Co. Ltd. - TAFGA	Providing PWHT Services at Tamimi Workshop	Sep, 2018	Sep, 2019

## 8. Projects References

Client	Project	Start Date	End Date
TAMIMI Global Co. Ltd. - TAFGA	Providing NDT Services at Tamimi Workshop	Sep, 2018	Sep, 2019
Branch of China Petroleum Pipelines Co.	Providing NDT Services @ Dammam	Oct, 2018	Oct, 2018
Saudi Aramco	Providing Heat Treatment Services @ Yanbu Area	Mar, 2019	Apr, 2019
Saudi Aramco	Non Destructive Testing Conventional Services	Nov, 2018	Nov, 2018
Dynamic Industries Saudi Arabia Limited	NDT Services for Berri Field (Offshore)	Jan, 2019	Jan, 2019
Branch of China Petroleum Pipelines Co.	Providing NDT, PWHT & Inspection Services for CPP-NGCP at Haradh Hawiyah Pipelines Project for Aramco	Dec, 2018	Jan 2019
Petro Rabigh	Providing Heat Treatment Works for Spools Installed at Furances		
Saudi Aramco	Non Destructive Testing Conventional Services	Mar, 2019	Mar, 2019
SAIPEM Snamprogetti Saudi Arabia	NDT Services for Hook-Up Activities Offshore	Feb, 2019	
SAIPEM Snamprogetti Saudi Arabia	PWHT Services for Hook- Up Activities Offshore	Feb, 2019	
Saudi Services For Electro Mechanical Works	Providing NDT & PWHT Service for Construction of Yanbu Distribution HUB in plant & Interface Works	Jul, 2019	Jul, 2019
Sinopec Engineering Group Saudi Co. Ltd.	Providing NDT and PWHT Services for Increase Pumping Capacity Qatif Project.		
TEKFEN Construction & Installation Co. Inc.	Providing NDT Services for Aramco Field Gas Compression Haradh (Satellite) Project in Haradh and Hawiyah Field	Aug, 2019	Aug, 2019
Nesma & Partners Contracting CO.LTD.	Providing NDT & PWHT Services for Marjan Incremental Program, MIP7, Jaladi, Tanajib		

## 8. Projects References

### 8.5. Heat Treatment - Completed Projects

Client	Project	Start Date	End Date
Kayan / Sabic	Heat Treatment Services	May, 2016	May, 2016
Petro Rabigh	Supply of Heat Treatment Crew	Dec, 2015	Jan 2015
Sadaf / Sabic	PWHT Services at Sadaf	Oct, 2018	Oct 2018
Sadaf / Sabic	PWHT Services at Sadaf	Aug, 2019	Aug, 2019
Safco / SABIC	"Providing Heat Treatment Services at Safco (SF4 / TA17)"	Oct 2017	Nov, 2017
Petro Rabigh	Providing PWHT Services / (Lube Oil Systems of the LDPE EVA Reciprocating Compressors P-360K1001- & P-360K1002-)	Mar, 2017	Apr. 2017
Petro Rabigh	PWHT Services at Petro Rabigh	Nov, 2017	Mar, 2018
Saudi Aramco	Offline Dryout for Refractory Repairs in SRU 3#	Feb, 2017	Apr, 2017
Saudi Aramco	Post Weld Heat Treatment (PWHT) During GT1- T&I	Jun, 2016	Aug, 2019
National Contracting Co. Ltd.	Providing PWHT Services for Khurais Area Facilities Expansion & Satellite GOSP Project at Khurais	Jan, 2017	Feb, 2017
Bayroni / Sabic	Post Weld Heat Treatment (PWHT) services	Mar, 2018	Apr, 2018
The Bahrain Petroleum Co. (BAPCO)	Provision of Heat Treatment Services - Platformer T&I 2017 (O286485)	Apr, 2017	Apr, 2017
The Bahrain Petroleum Co. (BAPCO)	Providing of Heat Treatment Services	Jan, 2020	Apr, 2020



## 8. Projects References

Client	Project	Start Date	End Date
Olayan Descon	Providing PWHT Services for Tanks	Jun, 2017	Jun, 2017
Kubota Saudi Arabia Company	Construction of Temporary Furnace and Providing Solution Annealing Services for Tubes	Mar, 2017	Dec, 2020
Naser M. Al Baddah & Partner Gen. Trdg. & Cont. Co. W.L.L.	Providing Refractory Dryout Services for HTER Pressure Shell at Kuwait	Jul, 2017	Aug, 2017
Nasser S. Al Hajri	Providing PWHT Services for Jazan Refinery & Terminal Projects	Feb, 2017	Feb, 2017
SAIPEM Snamprogetti Saudi Arabia Ltd.	HT Services for Hook-up Activities Offshore	Jun, 2017	Dec, 2020
SAIPEM Snamprogetti Saudi Arabia Ltd.	HT Services for Hook-up Activities Offshore -ARBI WO# 31113290	Jan, 2018	Jan, 2018
Sinopec Engineering Group Saudi Co. Ltd.	Providing PWHT Services for Fadhli Gas Program Project	Dec, 2017	Dec, 2017
Larsen & Toubro	"Providing PWHT Services For Hasbah Offshore Gas Facilities Increment II Project"	Jul, 2017	Aug, 2017
Ar Razi / Sabic	Providing PWHT Services at Ar Razi, Jubail	Sep, 2017	Nov, 2018
Petroleum Chemicals & Mining Co. Ltd.	Providing PWHT Services for Fadhili Project at Jubail	Oct, 2017	Jan, 2019
Olayan Descon	Providing PWHT Services for Amine Regenerator Column at Fadhli	Nov, 2017	Dec, 2017
Olayan Descon	Providing HT Services at Abqaiq	Jan, 2019	Jan, 2019
Binzagr Factory for Insulation Materials Co. Ltd.	Providing Refractory Dryout Services for Stack & Nozzle	Nov, 2017	Dec, 2017

## 8. Projects References

Client	Project	Start Date	End Date
Saudi Arabian Kentz Co. Ltd.	Supply of Heat Treatment Technician at Jazan	Feb, 2018	Mar, 2018
Novel Arabia Middle East LTD.	Providing PWHT Service For Internal Firing Vessel @ Jubail	Jul, 2018	Jul, 2018
Novel Arabia Middle East LTD.	Providing PWHT Services @ Jubail	Oct, 2018	Nov, 2018
Zamil Inspection and Maintenance Co. Ltd.	Providing PWHT Services @ Dammam	Sep, 2018	Sep, 2018
Saudi Aramco	Providing Heat Treatment Services @ Yanbu Area	Mar, 2019	Apr, 2019
Petro Rabigh	Heat Treatment Services for Upcoming TA2020	Mar, 2020	May, 2020
Petro Rabigh	Providing PWHT BY Electrical Resistance Method for Absorber Drum R-280D0011-B,C,H & I	Mar, 2020	Apr, 2020
Saudi Services For Electro Mechanical Works Co	Providing NDT & PWHT Service for Construction of Yanbu Distribution HUB in plant & Interface Works	Jul, 2020	Jul, 2020
Tecnicas Reunidas Saudia for Services and Contracting Co.Ltd.	Providing Thermal Curing for Tanks at Jazan	Nov, 2019	Nov, 2019
Tecnicas Reunidas Saudia for Services and Contracting Co.Ltd.	Providing Thermal Curing for Tanks at Jazan	Nov, 2019	Nov, 2019
Saudi Aramco	Providing Offline Dryout For Refractory Repairs ( Udahiliyah )	Dec, 2020	Jan, 2021
Al Zamil Metal Works Factory ( Abdullah Al Zamil Est For Trading & Contracting.)	Providing Internal firing Services and Construction of furnace at Jeddah.	Nov, 2020	Nov, 2020

## 8. Projects References

Client	Project	Start Date	End Date
Saudi Arabian Fabricated Metals Industry Co. Ltd. (SAFAMI)	Providing NDT & PWHT Services for Berri Development Project at Jubail.	Jun, 2020	Jul, 2020
Inma Steel Fabricators Co. Ltd.	Providing Internal firing Services for WOSEP, Water Oil Separator and High Pressure Production Traps (HPPT) at Inma steel (Jubail).	Mar, 2021	Mar, 2021
Branch of Hyundai Engineering & Construction Co. Ltd	Providing Heat Treatment Services at Marjan Package 6 project	Jan, 2021	May, 2021

### 8.6. Heat Treatment - On-Going Projects

Client	Project	Start Date	End Date
Saudi Arabian Kentz Co. Ltd.	Supply of Heat Treatment Technician at Jazan	Nov, 2019	Ongoing
Tamimi Global Co. Ltd. - TAFGA	Providing PWHT Services at Tamimi Workshop	Sept, 2018	Ongoing
Dynamic Industries Saudi Arabia Limited	PWHT Services for Berri Field (Offshore)	Jan, 2021	Ongoing
SAIPEM Snamprogetti Saudi Arabia Ltd.	PWHT Services for Hook-Up Activities Offshore	Jan, 2021	Ongoing
Sinopec Engineering Group Saudi Co. Ltd.	"Providing NDT and PWHT Services for Increase Pumping Capacity Qatif Project."	Jan, 2021	Ongoing
Engineering For The Petroleum and Process Industries (Enppi)	Providing NDT and PWHT Services at Abqaiq	Jan, 2021	Ongoing
SAIPEM Snamprogetti Saudi Arabia Ltd.	NDT Services For Hook-Up Activities Offshore	Jan, 2021	Ongoing

## 8. Projects References

### 8.7. VCI - Completed Projects

Project	Client	Location	Scope
Corrosion Inhibitors Protection of "Bottom side" for One Tank for Aramco	Aramco	Khurasaniyah	Protection of tank bottom placed on sand as the existing CP system in not working
Corrosion Inhibitors Protection of "Bottom side" for One Tank for SWCC.	SWCC	Riyadh	Protection of tank bottom placed on concrete slab
Corrosion Inhibitors Protection of "Internal Surfaces" for Six Tanks in JEDDAH for Aramco.	Aramco	Jeddah	Preservation of tanks internal surface



## 8. Projects References

### 8.8. Solar Energy - Completed Projects

Client	Capacity	Mounting	Type	Connection	COD
Solar Street Lights for Kayan Car Parking, Jubail	175 Set	Pole Mounted	EPC	Off Grid	March 2020
Private Resident Extension - villa, Assalt	3.78 KWP, Solar	Rooftop	EPC	Net Metering	February 2019
Private Resident Extension - villa, Amman	1.89 KWP, Solar	Rooftop	EPC	Net Metering	February 2019
Private Resident - villa, Amman	4.73 KWP, Solar	Rooftop	EPC	Net Metering	January 2019
PV Power Supply for Cathodic Protection, Tabouk	30 KWp, Solar	Ground Mounted	EPC	Off Grid	June 2019
Private Resident Extension - villa, Assalt	3.78 KWP, Solar	Rooftop	EPC	Net Metering	February 2019
Private Resident Extension - villa, Amman	1.89 KWP, Solar	Rooftop	EPC	Net Metering	February 2019
Private Resident - villa, Amman	4.73 KWP, Solar	Rooftop	EPC	Net Metering	January 2019
Ramadan Mosque, Amman	22.68 KWP, Solar	Rooftop	EPC	Net Metering	March 2018
Ramadan Mosque, Amman	22.68 KWP, Solar	Rooftop	EPC	Net Metering	March 2018
Private Resident - villa, Irbid	9.45 KWP, Solar	Rooftop	EPC	Net Metering	November 2017
Jumha Mosque, Irbid	13.23 KWP, Solar	Rooftop	EPC	Net Metering	September 2017
Private Resident - villa, Assalt	9.45 KWP, Solar	Rooftop	EPC	Net Metering	August 2017

## 8. Projects References

Client	Capacity	Mounting	Type	Connection	COD
Private Resident - villa, Irbid	9.45 KWP, Solar	Rooftop	EPC	Net Metering	November 2017
Jumha Mosque, Irbid	13.23 KWP, Solar	Rooftop	EPC	Net Metering	September 2017
Private Resident - villa, Assalt	9.45 KWP, Solar	Rooftop	EPC	Net Metering	August 2017
Solar System for Shaybah-Abqaiq Pipeline	15KWp, Solar	Ground Mounted	EPC	Off Grid	March 2017
Private Resident - villa, Amman	22.05KWP, Solar	Rooftop	EPC	Net Metering	February 2017
Irbid Specialized Hospital, Irbid	0.804 MWP, Solar	Carports, Rooftops	EPC	Net Metering	October 2017
German Jordanian University, Madaba	2.11 MWP, Solar	Carports, Rooftops	EPC	Net Metering	October 2017
Civil Defense Directorate, Al Tafila	1.13 MWP, Solar	Ground Mounted	BOT	Wheeling	September 2017
Al Hussein Bin Tala University, Ma'an	3 MWP, Solar	Ground Mounted	BOT	Net Metering	June 2017
Hashemite University, Az Zarqa	5.063 MWP, Solar	Ground, Carports & Canopies	EPC	Net Metering	June 2016
Ministry of Energy & Mineral Resources, Amman	35 KWP	Rooftop	EPC	Net Metering	April 2015
Water Authority of Jordan, Amman	PV Water Pumping		EPC	Pumping	July 2014

## 8. Projects References

### 8.9. Solar Energy - On-Going Projects

Client	Mounting	Connection	Client	End Client	Location	Year
On-Grid Solar PV system for IKK Glass Factory (1.4MW)	Rooftop	On Grid	IKK Glass	Isam Kabbani	KSA	2021
King Faisal Street Light in Jeddah	Pole Mounted	Off Grid	Jeddah Municipality	Jeddah Municipality	KSA	2020
Aal Al Bait University, Mafraq (3MW)	Ground Mounted	On Grid	Aal Al Bait University	Aal Al Bait University	Jordan	2021
United Nations High Commissioner for Refugees, Azraq Refugees Camp (5MW)	Ground Mounted	On Grid	UNHCR	UNHCR	Jordan	2020
Al-Zahid Complex in Jeddah	Pole Mounted	Off Grid	Al Zahid	AL Zahid	KSA	2021

## 9. Authorized Distributor





## 8. Projects References

## 9. Authorized Distributor

SOGEC is the authorized distributor inside Kingdom of Saudi Arabia of the following highly recognized international suppliers and service providers:



# 10. Commercial & Legal Certificates





## 10. Commercial & Legal Certificates

### 10.1. Government Certificates

#### Commercial Registration - Dammam





**وزارة التجارة والاستثمار**  
 Ministry of Commerce and Investment

شهادة تسجيل فرع شركة

الرقم: ٢٥٠٠٤٥٩٨٥  
 التاريخ: ١٤٢٥/٠٤/٢٦ هـ

اسم الشركة: الشركة المميزة لإعمال البترول والغاز  
 نوعها: ذات مسؤولية محدودة  
 رأس مالها: .....  
 مركزها الرئيسي: جدة طريق الملك خالد / جوار وزارة الحج والإيقاف  
 ص ب: ٥٣٣٨ ..... الرمز البريدي: ٢١٤٢٢ ..... هاتف: ٦٦٧٢٠٠٠ ..... فاكس: ٦٦٥٨٠٧٩  
 رقم سجل المركز الرئيسي: ٤٠٣٠١٣٣١٩٢ ..... تاريخه: ١٤٢٢/٠١/٠٣ هـ ..... مصدره: جدة

الاسم التجاري: فرع شركة المميزة لإعمال البترول والغاز  
 الفرع: الدمام / طريق الخير السريع  
 ص ب: ٦٨٩٧ ..... الرمز البريدي: ٣١٤٥٢ ..... هاتف: ٨٥٧٠٠٣٤ ..... فاكس: ٨٥٨٠٣٣١

النشاط: صيانة وفحص واصلاح وعزل وظلاء وتركيب وتنظيف جميع انواع المعدات والقطع المتعلقة بالانابيب وخزانات البترول والغاز والماء وتصميم وتجميع وتصنيع وتوريد وتركيب أنظمة حماية كاثودية لفحص اللحام بواسطة اشعاع موجات صوتية و اجراء الفحوصات غير إتلافية على المعادن واللحام ومعالجته بالحساره وبيع المعدات اللازمة لتوريد وتركيب أنظمة تحليل وتحكم للكورين والهندرجين.

اسم المدير (رباعيا): حسان عصام محمد قباتي  
 الجنس: سعودي  
 تاريخ الميلاد: ١٣٨٦ هـ ..... مكان الميلاد: التمساح  
 رقم السجل المدني: ٩٠١٠١٢٨٤٣٥ ..... تاريخه: ١٤٠٥/١١/١٩ هـ ..... مصدره: جدة  
 سلطات المدير: حسب ما نص عليه عقد الشركة  
 يشهد مكتب السجل التجاري بمدينة الدمام بأنه تم تسجيل فرع الشركة المذكورة أعلاه بمدينة الدمام  
 وتنتهي صلاحية الشهادة في: ١٤٤٥/٠٤/٢٥ هـ بموجب الإيصال رقم: ١٣٥٧٦٧٧٩ ..... وتاريخ: ١٤٣٥/٠٤/٢٣ هـ

الاسم: ..... مدير السجل التجاري للشركات: عبد المحسن بن ابراهيم الحماد  
 التوقيع: .....




#### Commercial Registration - Jeddah





**وزارة التجارة**  
 Ministry of Commerce

شهادة تسجيل الشركة

الرقم: ٧٠٠٤١١١٩٣  
 التاريخ: ١٤٢٧/٠١/٠٣ هـ

الاسم التجاري للشركة: الشركة المميزة لإعمال البترول والغاز  
 نوعها: ذات مسؤولية محدودة  
 جنسيتها: سعودي  
 مدة الشركة: ٢٥ سنة ..... تبدأ من: ١٤٢٢/٠١/٠٥ هـ ..... وتنتهي في: ١٤٤٧/٠١/٠٣ هـ  
 مركزها الرئيسي: جدة طريق الملك خالد / جوار وزارة الحج والإيقاف  
 ص ب: ٥٣٣٨ ..... الرمز البريدي: ٢١٤٢٢ ..... هاتف: ٦٦٧٢٠٠٠ ..... فاكس: ٦٦٧٢٠٠٠

النشاط: صناعة المحولات الكهربائية، صناعة أجزاء للمولدات والمحركات ومحولات الطاقة الكهربائية، إصلاح وصيانة الآليات وخطوط الأنابيب، إصلاح وصيانة المحطات والشبكات والخطوط الرئيسية لتوزيع المياه، تمديد الاسلاك الكهربائية، أنشطة اختبار واعتماد التوعية والجودة والمنتج، التصوير الإشعاعي الصناعي

رأس المال: ١٢٥٠٠٠٠٠ ريال سعودي

المديرين:	المرتبة	الاسم
١	٣	عصام محمد قباتي
٢	٤	حسان عصام محمد قباتي
٣	٦	
٤	٨	
٥	٩	
٦	١٠	
٧	١١	
٨	١٢	

سلطات المديرين: حسب ما نص عليه عقد الشركة

يشهد مكتب السجل التجاري بمدينة جدة بأنه تم تسجيل فرع الشركة المذكورة أعلاه بمدينة جدة  
 وتنتهي صلاحية الشهادة في: ١٤٤٧/٠١/٠٣ هـ بموجب الإيصال رقم: ١٠٨٤٢١٠٣ ..... وتاريخ: ١٤٤٢/٠١/٢٤ هـ

الاسم: ..... مدير السجل التجاري للشركات: عبد المحسن بن ابراهيم الحماد  
 التوقيع: .....




يمكنك التحقق من صحة هذه الشهادة بالدخول على <http://v.mci.gov.sa>

## 10. Commercial & Legal Certificates

### VAT Certificate - KSA



100181000236470



الهيئة العامة للزكاة والدخل  
GENERAL AUTHORITY OF ZAKAT & TAX



المملكة العربية السعودية  
الهيئة العامة للزكاة والدخل  
GENERAL AUTHORITY OF ZAKAT & TAX  
(١٨٥)

**شهادة**  
CERTIFICATE

**شهادة تسجيل مجموعة ضريبية في ضريبة القيمة المضافة**  
VAT Group Registration Certificate

تشهد الهيئة العامة للزكاة والدخل بأنه تم تشكيل مجموعة ضريبية يمثلها المكلف: شركة عصام محمد خيريقباني القابضة الأولى بتاريخ: ١٤٣٩/٠٤/٢٠ وتحمل الرقم الضريبي: ٣٠٠٨٠٣٥٧٦٨١٠٠٠٣. مرفق بيان بأعضاء المجموعة الضريبية.

عنوان المركز الرئيسي:  
المدينة: جدة  
الحي: النعالية  
صندوق البريد:  
الرمز البريدي: ٢١٤٦٤  
الهاتف: ٠٠٩٦٦٥٦٩٧٨٠٥٩٧

الهيئة العامة للزكاة والدخل



هذه الوثيقة مرسلّة من النظام الآلي ولا تحتاج إلى توقيع

## 10. Commercial & Legal Certificates

### Saudization Certificate



رؤية  
2030  
الهيئة العامة للغذاء والدواء  
KINGDOM OF SAUDI ARABIA



وزارة العمل  
والتنمية الاجتماعية  
الهيئة العامة للغذاء والدواء

## شهادة سعودة

تاريخ الإصدار : ١٤٤٢/٧٢٤  
تاريخ صلاحية الشهادة : ١٤٤٢/١/٣٦  
رقم الشهادة : ٢٠٠٢١٠٤٠٠٠٢٦٧

اسم المنشأة: شركة المميزه لخدمات البترول والغاز  
رقم الملف: ٤٥٤٥٢-٤  
سجل تجاري: ٢٠٥٠٠٤٥٩٨٥  
الصادر من: الدمام

تشهد وزارة العمل والتنمية الاجتماعية بأن المنشأة المذكورة أعلاه حققت نسب التوطين المطلوبة منها..  
وتم منحها هذه الشهادة حسب طلبها  
(الشهادة معتمدة من صاحب الصلاحية ولا تحتاج إلى توقيع أو ختم)

للشهادات  
١ - ينقل للتحقق من صحة وصحة الشهادة عبر زيارة الرابط  
٢ - في حال الانتكاس أي عملية توريد في الشهادة المقدمة تزداد التكاليف عن ذلك يتطلب رسمي للفرع مكتب عمل



## 10. Commercial & Legal Certificates

### Chamber of Commerce - Dammam

Membership Certificate - شهادة الاشتراك	
	
Membership No : 49467	رقم العضوية : 49467
Classification : Second	الدرجة : الثانية
Date of Issue : 16/12/2018	تاريخ الاصدار : 09/4/1440
Asharqia Chamber Certifies that:	تشهد الغرفة التجارية الصناعية بالمنطقة الشرقية بأن:
Specialized Oil & Gas Engineering Co. Ltd	فرع الشركة المميزه لأعمال البترول والغاز
Commercial Register No: 2050045985	المفيدة بالسجل التجاري / الترخيص رقم: 2050045985
Registered with Chamber since : 06/15/2004 and	مشتركة في الغرفة منذ : 27/04/1425
the certificate expires on : 11/09/2023	وينتهي سريان هذه الشهادة في : 25/04/1445
.6897, 31452, الدمام.	.31452, 6897, الدمام.
	
	

## 10. Commercial & Legal Certificates

### 10.2. NRCC Certificates

#### NRCC - Dammam

10-00269ER-20 : رقم الرخصة  
2023-02-08 : صدرت بتاريخ  
2026-02-08 : تنتهي بتاريخ

هيئة الرقابة النووية والإشعاعية  
Nuclear and Radiological Regulatory Commission

رخصة ممارسة التصوير الإشعاعي الصناعي  
الشركة المميزة لأعمال البترول والغاز - الدمام

التصوير الإشعاعي الصناعي باستخدام مصادر مشعة مختومة عالية النشاط الإشعاعي

Isotopes	Max. No.	Physical State	Containment	Max. Activity/Source
Ir-192	10	Solid	Sealed	120 Ci

Projector Model	Projector Max No.	Projector Shielding	Mass DU/Projector
Delta 880	10	D.U.	15.4Kg

نائب الرئيس التنفيذي للجان الإشعاعي المكلف  
د. أحمد بن معطش العنزي

مدير إدارة دعم العمليات الرقابية  
فهد بن سعود الزكري

#### NRCC - Nairyah

المملكة العربية السعودية  
هيئة الرقابة النووية والإشعاعية  
Nuclear and Radiological Regulatory Commission  
الرقابة على المرافق النووية والممارسات الإشعاعية

رقم الرخصة : ( ت ص - 151-00896ER-1 )  
صالحة لمدة 3 سنوات  
تنتهي في : 2025/06/29

التصوير الإشعاعي الصناعي باستخدام مصادر مشعة مختومة عالية النشاطية  
الشركة المميزة لأعمال البترول والغاز - النعيرية  
رقم السجل التجاري : 2050045985

هذه الرخصة لمزاولة الممارسة بالمصادر المشعة التالية

Isotopes	Max. No.	Physical State	Containment	Max. Activity/Source
Ir-192	6	Solid	Sealed	100 Ci

Projector Max. No.	Projector Shielding
6	D.U.

م	الموقع	الطاقة الاستيعابية \ مصدر
1	النعيرية	9

نائب الرئيس التنفيذي  
للرقابة على المرافق النووية والممارسات الإشعاعية  
د. سعيد بن محمد العمودي

مدير إدارة الرقابة والتراخيص  
فهد بن سعود الزكري

## 10. Commercial & Legal Certificates

### NRCC - Rabigh

1-01001MK-172 : رقم الرخصة  
2023-03-05 : صدرت بتاريخ  
2026-03-05 : تنتهي بتاريخ

هيئة الرقابة النووية والإشعاعية  
Nuclear and Radiological Regulatory Commission

رخصة ممارسة التصوير الإشعاعي الصناعي  
الشركة المميزة لأعمال البترول والغاز - رابغ

التصوير الإشعاعي الصناعي باستخدام مصادر مشعة مختمة عالية النشاط الإشعاعي

Isotopes	Max. No.	Physical State	Containment	Max. Activity/Source
Ir-192	8	Solid	Sealed	120 Ci

Projector Model	Projector Max No.	Projector Shielding	Mass DU/Projector
Delta 880	8	D.U.	15.4Kg

نائب الرئيس التنفيذي للأمان الإشعاعي المكلف  
د. أحمد بن معطش العنزي

مدير إدارة دعم العمليات الرقابية  
عبدالله بن سعود الزكري

### NRCC - Harad

رقم الرخصة : ( 1 ص - - 136-202123-FC )  
صالحة لمدة 3 سنوات  
تنتهي في : 2024/08/25

المملكة العربية السعودية  
هيئة الرقابة النووية والإشعاعية  
Nuclear and Radiological Regulatory Commission  
الرقابة على المرافق النووية والممارسات الإشعاعية

التصوير الصناعي الإشعاعي  
الشركة المميزة لأعمال البترول والغاز - حرض  
رقم السجل التجاري : 2050045985

هذه الرخصة لمزاولة الممارسة بالمصادر المشعة التالية

Isotopes	Max. No.	Physical State	Containment	Max. Activity/Source
Ir-192	12	Solid	Sealed	100 Ci

Projector Max. No.	Projector Shielding
12	D.U.

م	الموقع	الطاقة الاستيعابية \ مصدر
1	حرض	24

نائب الرئيس التنفيذي  
للرقابة على المرافق النووية والممارسات الإشعاعية  
د. سعيد بن محمد العمودي

مدير إدارة الرقابة والتراخيص  
فهد بن سعود الزكري

## 10. Commercial & Legal Certificates

### NRCC - Yanbu

المملكة العربية السعودية  
هيئة الرقابة النووية والإشعاعية  
Nuclear and Radiological Regulatory Commission  
الرقابة على المرافق النووية والممارسات الإشعاعية

رقم الرخصة : ( ت ص - 57 - 00389MD - 5 )  
صالحة لمدة 3 سنوات  
تنتهي في : 2025/09/28م

التصوير الإشعاعي الصناعي باستخدام مصادر مشعة مختومة عالية النشاط الإشعاعي  
الشركة المميزة لأعمال البترول والغاز - ينبع  
رقم السجل التجاري : 4700012808

هذه الرخصة لمزاولة الممارسة بالمصادر المشعة التالية				
Isotopes	Max. No.	Physical State	Containment	Max. Activity/Source
Ir-192	6	Solid	Sealed	120 Ci

Projector Max. No.	Projector Shielding
6	D.U.

م	الموقع	الطاقة الاستيعابية   مصدر
1	ينبع	6

نائب الرئيس التنفيذي  
للرقابة على المرافق النووية والممارسات الإشعاعية  
د. سعيد بن محمد العنودي

مدير إدارة الرقابة والترخيص  
م. فهد بن سعود الزكري

### NRCC - Jubail

رقم الرخصة: 1-00953ER-171  
صدرت بتاريخ: 2023-02-08  
تنتهي بتاريخ: 2026-02-08

هيئة الرقابة النووية والإشعاعية  
Nuclear and Radiological Regulatory Commission

رخصة ممارسة التصوير الإشعاعي الصناعي  
الشركة المميزة لأعمال البترول والغاز - الجبيل

التصوير الإشعاعي الصناعي باستخدام مصادر مشعة مختومة عالية النشاط الإشعاعي				
Isotopes	Max. No.	Physical State	Containment	Max. Activity/Source
Ir-192	32	Solid	Sealed	120 Ci
Se-75	04	Solid	Sealed	80 Ci

Projector Model	Projector Max No.	Projector Shielding	Mass DU/Projector
Delta 880	36	D.U.	15.4Kg

نائب الرئيس التنفيذي للأمان الإشعاعي المكلف  
د. أحمد بن معشش العنزي

مدير الإدارة دعم العمليات الرقابية  
فهد بن سعود الزكري



## 10. Commercial & Legal Certificates

### 10.3. Vendor Approval

Saudi Arabian Oil Company  
Projects and Strategic  
Purchasing Department  
A-113, North Park 1  
Dhahran 31311  
Saudi Arabia

Tel : (966 3) 874-0337  
Fax : (966 3) 874-0015

February 27, 2010

أرامكو السعودية  
Saudi Aramco



#### SRMU-034-2010

Specialized Oil & Gas Engineering Co. Ltd.  
P.O. Box 6897  
Dammam 31452  
Attn: Engineer Walid Rajab

Fax: 859-0289

Dear Sir:

We are pleased to inform you that your company is now included in the Saudi Aramco Supplier Information System under Vendor Code 10007275, Plant No. 30005501 for the following products provided your company continues to meet relevant Saudi Arabian and Saudi Aramco standards:

9COM	MATERIAL DESCRIPTION
6000001015	Rectifier; Impressed Current; 17-SAMSS-0
6000001036	Box; Test Cathodic Protection Soil Access
6000001041	Anode; Galvanic; Magnesium with Leads; 1
6000001014	Rectifier; Impressed Current; Cathodic Protection
6000000939	Anode; Impressed Current; Center Connect
6000000954	Box; Bonding Station Cathodic Protection
6000000955	Box; Junction Cathodic Protection; 17-SA
6000001011	Power Supply; Electrical; Cathodic Protection

Your quality system is approved with corrective action as indicated in the attached report.

This approval, however, should not be construed as a commitment by Saudi Aramco to purchase from you, but your company will have the opportunity along with other approved sources to respond to requests for submitting proposals in accordance with Saudi Aramco's established policies and procedures.

We would like to thank you for your interest in Saudi Aramco, and take this opportunity to reiterate that it is Saudi Aramco's policy to encourage the use of nationally manufactured materials.

For further information or assistance, please contact Najib Al-Sharakh on 874-0318.

Ali M. Al-Hussain, Supervisor  
Supplier Relations Management Unit



## 10. Commercial & Legal Certificates

Saudi Arabian Oil Company  
Supplier Relationship Management  
B-102 North Park 2  
Dhahran 31311  
Saudi Arabia

Tel: (966 13) 874-0958  
Fax: (966 13) 874-1495

أرامكو السعودية  
saudi aramco



October 11, 2017

SRQU-102-17

**WALID R. RAJAB**, General Manager  
Specialized Oil and Gas Engineering Co. Ltd  
P. O. Box 6897  
DAMMAM 31452  
Fax : 013 814 4849

**Mr. Rajab,**

We are pleased to inform you that your company is now included in the Saudi Aramco Supplier Information System under Vendor Code No. **10058555**, Plant No. **30005501**, for the following products provided your company continues to meet relevant Saudi Arabian and Saudi Aramco standards.

9COM	Description
6000001020	BOX;TEST STATION,CP
6000001015	RECTIFIER;IMPRESSED,CURNT,POWER SUPPLY,CP
6000001036	BOX;TEST CATHODIC PROTECTION SOIL ACCESS
6000001041	ANODE;GALVANIC;MAGNESIUM WITH LEADS,CP
6000001014	CP,POWER SUPPLY;RECTIFIER;IMPRESSED CURR
6000000939	ANODE;IMPRESSED CURRENT;CENTER CONECT,CP
6000000954	BOX; BONDING STATION CATHODIC PROTECTION
6000000955	BOX; JUNCTION, CATHODIC PROTECTION
6000001011	POWER SUPPLY;ELECTRICAL;SOLAR,CP
6000000950	ANODE;IMPRESSED CURRENT;MIXED METAL,CP
6000001062	ANODE; MMO GRID, WITH LEAD; CP
6000001043	ANODE; GALVANIC; ZINC, WITH LEAD; CP

This approval, however, should not be construed as a commitment by Saudi Aramco to purchase from you. Being approved as a supplier only grant your company the opportunity, along with other approved sources, to respond to requests for submitting proposals in accordance with Saudi Aramco's established policies and procedures. All purchase agreements and orders will be issued based on the name and address stated in your commercial registration (CR), as stated above.

Saudi Aramco wishes to remind you that being recognized as a potential supplier is a privilege which carries with it serious obligations and responsibilities to act in a legal and ethical manner. We wish to remind you of the Saudi Aramco Supplier Code of Conduct (SCOC) which you acknowledged. Failure to abide by the principles set forth in the SCOC can result in adverse actions being taken by Saudi Aramco against you including suspension of you as a supplier. Saudi Aramco also expects each of its suppliers to

## 10. Commercial & Legal Certificates

**FARABI**  
PETROCHEMICALS



الفارابي  
للبنزين والكيماويات

FPC-PROC-F-04-02-00  
Rev [0] Mar'12

09-June-2012

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**Vendor ID No** : 102110  
**Vendor Name** : Specialized Oil and Gas Engineering Co. Ltd. SOGEC  
**Telephone No** : +966 3 857 0034  
**Fax No** : +966 3 859 0289  
**Email ID** : sogeccp.dammam@ikkgroup.com  
**Website** : www.kcg.ccc  
**Contact Person** : Mr. Isam Khairy Khabbani

---

Dear Sir,

Please be informed that you have been qualified and registered with FARABI Petrochemicals to conduct business with our organization's policy. Qualification means that you are eligible to receive Request for Quotations (RFQ) and Purchase Orders (POs) for your designated area of business. However we are not giving any guarantee to receive such requests or orders.

Please inform us if you have any changes in your contact details and indicate your vendor Identification number when communicating with FARABI for easy reference.

Thanking you and Best Regards,

  
**Sulaiman K. Al Homaidan**  
Procurement Manager

P.O. Box 11763, Jubail Industrial City 31961

Tel: +966 3 356 5091 Fax: +966 3 356 5008

Email: [proc-secretary@farabipc.com](mailto:proc-secretary@farabipc.com)




**FAXED**  
41 JUN 2012

**Farabi Petrochemical Company**  
P.O. Box 11763, Jubail Industrial City 31961  
Kingdom of Saudi Arabia  
Tel: 00966 3 356 5000  
Fax: 00966 3 356 5008  
Paid-up Capital SAR 500 million  
Shareholder of Company No. 508176  
C.R. 2054005152

[www.farabipc.com](http://www.farabipc.com)

شركة الفارابي للبتروكيماويات  
بريد ب. 11763 - مدينة الجبيل الصناعية 31961  
المملكة العربية السعودية  
هاتف: 00966 3 356 5000  
فاكس: 00966 3 356 5008  
رأسمال مسجل: 500 مليون ريال سعودي  
رقم سجل الشركة: 508176  
رقم التسجيل: 2054005152

## 10. Commercial & Legal Certificates

11/02 13:45 FAX 9663765148	CTD/P&T	001/002	
 <b>عمليات النفط المشتركة</b> <b>AL-KHAFJI JOINT OPERATIONS</b> الشركة الكويتية لتقط النفط KUWAIT GULF OIL COMPANY (K.S.C.)			
 <b>أرامكو لأممال الخليج</b> Aramco Gulf Operations			
To: M/s Specialized Oil & Gas Engineering Co. Ltd.		From: Div. Admin. Planning, Reg. & JTC Affairs	
Tel. No.: 03 857 0034		Sign:  Ali-Jameel Al-Qabandi	
Fax No.: 03 859 0289		Ref. No.: CTFX/ 5243 /10	
		Date: Nov. 02, 2010	
<b>Subject: <u>Registration &amp; Classification of KJO Work Categories</u></b>			
Dear Sir,			
<p>Thank you for your interest in applying to KJO work categories. Please be informed that your esteemed company has been classified and approved as a service provider for KJO in our List of Approved Contractors for the Category (ies) and type of work as attached.</p> <p>And you can also visit to our KJO website <a href="http://www.kjo.com.sa">www.kjo.com.sa</a> to know your assigned work categories to your profile thru your login ID &amp; Password.</p> <p>Please ensure that your company updates its information with Al-Khafji Joint operation website regularly.</p> <p>Should you require information concerning your file, please contact the Planning &amp; Registration on the following address:</p> <p style="padding-left: 40px;">Attention: Superintendent, Planning &amp; Registration Div. Contracting Department P.O. Box 688 Al-Khafji Joint Operation (KJO) Office Park Bldg. Al-Khafji - 31972, Saudi Arabia</p> <p>If any rush inquiries are required, please feel free to contact to following personnel:</p> <p>Mr. Amir A/Rahim Tel: (00966)-3-765-2000 E. 87196 Fax: (00966)-3-765-5148 E-Mail: <a href="mailto:ctdtenders@kjo.com.sa">ctdtenders@kjo.com.sa</a></p> <p style="text-align: right;">RECEIVED 02 NOV 2010</p> <p>Your interest in doing work for KJO is appreciated.</p> <p>With regards</p>			
P.O. Box 258 Khafji: 31971	ص.ب 258 خفجي 31971	P.O. Box 688 Khafji: 31971	ص.ب 688 خفجي 31971
Tel: +966(03) 765 2000 E. 87196 -Fax: +966(03) 765 5148		تلف : +966(03) 765 2000 E. 87196 : فاكس : +966(03) 765 5148	



شركة البترول الوطنية الكويتية  
 إحدى شركات مؤسسة البترول الكويتية  
 A Subsidiary of Kuwait Petroleum Corporation



VENDORS & CONTRACTORS EVALUATION COMMITTEE (V & CEC)

M/S SPECIALIZED OIL & GAS ENGINEERING CO. LTD.,  
 SALMAN AL FARISI STREET, AL KHALDIYYAH, DAMMAM  
 DAMMAN 31452  
 SAUDI ARABIA

DATE: 16<sup>TH</sup> DECEMBER 2018  
 REF: V/C-C2243-18-2354L  
 FILE NO: C.2243

SUBJECT: CONTRACTOR APPROVAL

GENTLEMEN,

REFERENCE TO THE ABOVE SUBJECT, PLEASE NOTE THAT YOUR COMPANY IS APPROVED AS A CONTRACTOR EFFECTIVE 05/09/2018 FOR THE FOLLOWING TYPE(S) OF WORK(S) FOR KNPC REFINERIES:

KD 250 Million - 500 Million	KD 100 Million - 250 Million	KD 30 Million - 100 Million	KD 10 Million - 30 Million	KD 1 Million - 10 Million	KD 250,000 - 1 Million	KD 50,000 - 250,000
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7 23-A5

THE COMPANY (CONTRACTOR) CODE ALLOCATED TO YOUR COMPANY IS 1007457.  
 PLEASE ENSURE TO QUOTE THE ABOVE CODE AND FILE NO. ON ALL OF YOUR FUTURE CORRESPONDENCE.



OUSAMA H. SHAMMAS  
 CHAIRMAN - V & CEC

NOTE: APPROVAL EXPIRY: 04/09/2023  
 THIS APPROVAL LETTER SUPERSEDES THE APPROVAL DATED 9<sup>TH</sup> SEPTEMBER 2018

شركة البترول الوطنية الكويتية  
إحدى شركات مؤسسة البترول الكويتية  
A Subsidiary of Kuwait Petroleum Corporation

**KNPC**



**VENDORS & CONTRACTORS EVALUATION COMMITTEE**

**M/S. SPECIALIZED OIL & GAS ENGINEERING CO. LTD.**  
AL KHALDIYYAH, P.O BOX : 6897  
DAMMAM 31452  
**SAUDI ARABIA**

DATE: 14<sup>th</sup> July 2019  
REF: MSD-PQ-19-1747  
FILE NO: V 5534

**SUBJECT: VENDOR APPROVAL**

GENTLEMEN,

REFERENCE TO YOUR PQ APPLICATION (RF# 8580) SUBMITTED TO KNPC ON 16/06/2019, YOUR COMPANY IS APPROVED AS A VENDOR EFFECTIVE 14/07/2019 FOR THE SUPPLY OF THE FOLLOWING PRODUCT(S) FOR K.N.P.C. REFINERIES:

**PRODUCT DESCRIPTION**

**38 20 CATHODIC PROTECTION EQUIP. & MATERIAL**

THE COMPANY (VENDOR) CODE ALLOCATED TO YOUR COMPANY IS **1007457**.

PLEASE ENSURE TO QUOTE THIS CODE AND ABOVE FILE NO. ON ALL YOUR FUTURE CORRESPONDENCE.



VERY TRULY YOURS,

**BANDAR M. AL-QAHTANI**  
CHAIRMAN V & CEC

HAA/RXJ/mmk

NOTE: APPROVAL VALIDITY IS UPTO 13<sup>TH</sup> JULY 2024

**PLEASE REFER OVERLEAF FOR INSTRUCTIONS**



## 10. Commercial & Legal Certificates



**TO:** M/s. Specialized Oil & Gas Engineering Co. Ltd.,  
Saudi Arabia; Fax:- 00966 13 814 4849

**FROM:** Team Leader Supplier Relationship Management,  
Commercial Support Group  
P.O. Box – 9758; 61008 Ahmadi, Kuwait  
Fax No.: (965) 2387 7833

**Date :** 31<sup>st</sup> August 2020  
**Msg. No.:** PQAN/059/2020  
**Vendor Code:** 14622  
**Total No. of Pages:** 1

FAXED

31 AUG 2020

SRM TEAM

**SUBJECT: NOTIFICATION OF VENDOR APPROVAL**

**OUR REF.:** VEC-25031902/CP/ICGA/012/2020

Dear Sirs,

We are pleased to inform you that you have been approved for inclusion in KOC's Approved List of Manufacturer for the product category and manufacturing facility mentioned here below:

**PRODUCT CATEGORY :** IMPRESSED CURRENT ANODES (MMO and HSCI ANODES Only)

**FACILITY ADDRESS :** M/s. SPECIALIZED OIL & GAS ENGINEERING CO. LTD.,  
SALMAN AL FARESI ST., BUILDING NUMBER 8234,  
KHALIDIYA DISTRICT, DAMMAM 31452,  
KINGDOM OF SAUDI ARABIA.

**Validity :** From 31<sup>st</sup> August 2020 to 30<sup>th</sup> August 2025 (5 years)

This notification of approval is issued subject to the following, failing which liable for cancellation at any time at the discretion of KOC.

- To update regularly with the latest product catalogue / information.
- To furnish Budgetary Quotations as & when requested.
- To furnish Audited financial details for every two years.
- To update with latest contact details / Change in Local Agent.
- To update with Name Change / Merging / Factory Shifting.
- To submit request for Re-Qualification (if required) 3 months prior the above expiry date.
- To hold all valid mandatory certifications at all times.

Sincerely,  
For Kuwait Oil Company

**Manal Abu-Shaibah**

cc: M/s. Specialized Oil & Gas Engineering Co. Ltd., (Kuwait Office).  
Email: Alaa.Alsaleh@lkkgroup.com  
File

## 10. Commercial & Legal Certificates



KINGDOM OF SAUDI ARABIA  
**Saudi Arabian Mining Company**  
Saudi Joint Stock Company  
Paid up Capital SR. (9,250) Million

المملكة العربية السعودية  
شركة التعدين العربية السعودية (معادن)  
شركة مساهمة سعودية  
رأس المال المدفوع (٩.٢٥٠) مليون ريال

Date : 25<sup>th</sup> Feb 2014  
Vendor No : **8508**  
Vendor Name : **SPECIALIZED OIL & GAS ENGINEERING CO.LTD**  
Address : P.O.Box: 8697 Dammam 31452 – Saudi Arabia  
Tel : 013 814 3737  
Fax : 013 814 8489  
Attention : **Mr. Muhannad Jamil**  
Category (ies) : Services  
Subject : **Qualified in Ma'aden Prequalification Criteria**

Dear Sir,

This is to inform you that **SPECIALIZED OIL & GAS ENGINEERING CO.LTD** has successfully satisfied Ma'aden prequalification criteria. Therefore, I am pleased to confirm that your company is registered in Ma'aden SRM list for the above category(ies).

From now onwards, you may receive from Ma'aden and its affiliates request(s) to participate in tenders (RFP/RFQ) for Goods and/or Services and/or Projects in line with your competencies. However, this letter does not constitute a guarantee that you will receive any such requests, as those are dependent on many factors evaluated according to our discretion.

We appreciate again your interest in doing business with Ma'aden and look forward to work with you.

Best Regards,

Majid AACHBOUN  
Procurement Performance Manager  
Corporate Procurement & Contracts Dept.  
Ma'aden Headquarters – Riyadh  
Website: [www.maaden.com.sa](http://www.maaden.com.sa)

02 Jun 2007 7:26

MARRFIQ CONTRACTS DEPT.

3403202

p.1

مرفاق  
MARAFIQ

Ref : M/CD/522/07

الرقم :

Date : 30 MAY 2007

التاريخ :

**SPECIALIZED OIL & GAS ENGINEERING CO LTD**

P.O. Box 6897

Dammam 31452

KSA

Tel: +966 3 857 0034

Fax: +966 3 859 0289

E-mail [ziad@cosma.alkabbani.com](mailto:ziad@cosma.alkabbani.com)

Attn: **Mr. Ziad Mohammed**  
Projects Manager

Subject: **Registration Notification**

We would like to thank you for your interest to provide services to Marafiq.

This is to acknowledge that your Registration Request and Documentation have been reviewed and accepted. Marafiq has registered your Company and assigned Marafiq Vendor Number 818 to you.

Please note that Registration doesn't mean you are qualified to provide services. Formal evaluation will be made to your Company to qualify you in future projects based on business need.

Your data will be kept confidential in Marafiq's Vendor Data Bank and accessible by Contracts Department personnel who will communicate with you should a need for your services arise

Best regards,




Abdulrahman Al-Khaldi  
Contracts Specialist

Power & Water Utility Company for Jubail & Yanbu  
• Jubail (Headquarters)  
Jubail Industrial City 31961, PO Box 11133  
Tel. +966 3 341 0994, Fax. +966 3 341 0129  
• Yanbu  
Yanbu Industrial City, PO Box 32144  
Tel. +966 4 396 8000, Fax. +966 4 321 0397  
Kingdom of Saudi Arabia

Saudi Joint Stock Co.  
Capital SR (2,500) Million  
C.R (2052004998)

شركة مساهمة سعودية  
رأس المال (٢٥٠٠) مليون ريال  
س.ح (٢٠٥٢٠٠٤٩٩٨)

شركة مرفاق القابضة والتجارة والتطوير والتشييد  
المسجلة والمقر الرئيسي  
مبنى الجليل الصناعية ٣١٩٦١ ص ب ١١١٣٣  
فانيل ٤١١٤٣ ٤١١٤٣ ٤١١٤٣  
فانيل ٤١١٤٣ ٤١١٤٣ ٤١١٤٣  
مبنى مرفاق الصناعية ص ب ٣٠١٤٤  
فانيل ٤١١٤٣ ٤١١٤٣ ٤١١٤٣  
السلطنة العربية السعودية

Kingdom of Saudi Arabia

Ministry of Water & Electricity

General Directorate of Water Eastern Province



المملكة العربية السعودية  
وزارة المياه والكهرباء

المديرية العامة للمياه بالمنطقة الشرقية

الموضوع: اعتماد شركة sogec للمياه الكاثودية

المحترمين

السادة/ مؤسسة الرفيعة للمقاولات

ص.ب ٦١٠٤ الدمام ٣١٤٤٢

السلام عليكم ورحمة الله وبركاته

إشارة إلى خطابكم رقم 101-raf-fa-s-cln-o2 بتاريخ ٢٨/١١/٢٠١٠م بخصوص طلبكم اعتماد الشركة المميزة لأعمال البترول والغاز (sogec) لأعمال الحماية الكاثودية ضمن مشروع شبكات المياه محطة الضخ وخزانات صفوى وأم المسافك مقاولتكم .

نفيدكم بأنه لا مانع من اعتماد الشركة المذكورة حيث سبق اعتمادها بمشاريع مماثلة على أن يتم الالتزام بتقديم الملف الفني والمخططات التفصيلية لهذه الاعمال معتمده من جهة متخصصة بهذا المجال والتنسيق مع الجهة المشرفة قبل البدء في تنفيذ هذا

ولكم تحياتنا

مدير عام المشاريع

م/ حمد بن عبد الرحمن الوابل

العمل  
١٤٣٢

الرقم ٤٩٥٣٤/١٦/١٤٣٢/٨ التاريخ ١٤٣٢/١٠/٨  
الدمام ٣١١٩٨ - هاتف : ٨٢٧٥٥٥٥ - فاكس : ٨٢٧٥٧٢٨

ص . ب . ٤٦٥٠ - الدمام ٣١١٩٨ - هاتف : ٨٢٧٥٥٥٥ - فاكس : ٨٢٧٥٧٢٨



Handwritten signature in blue ink.

بسم الله الرحمن الرحيم



المملكة العربية السعودية  
الهيئة الملكية للجبيل وينبع  
الإدارة العامة للهيئة الملكية بينبع

إلى/الشركة المميزة لأعمال البترول والغاز ذ.م.م (sogec)

عناية/د.محمد عُسان هشام بركة

ف/859-289

ج/0504842906

بعد التحية ،،

نفيدكم بأن منشآتكم مسجلة ضمن قائمة الموردين المسجلين لدى الهيئة الملكية للجبيل وينبع / الإدارة العامة بينبع .

ونحيطكم علماً بأن الهيئة الملكية بينبع تطلب من كافة الشركات والمؤسسات المسجلين لديها تحديث ملفاتهم سنوياً .

ولكم تحياتي ،،  
المدير

مدير إدارة المناقصات والمشتريات

المهندس/ زكي بن أحمد العيدروس

١٠٤

يعنون الرد إلى : جن - ب : ٣٠ - ٣١ بنبع الصناعية  
برقياً : جن : تليفون : ٦٠٠٠ - (٣٢١) ٠٤  
للكس : عسري : ٦٦٢٣١٩ آر أو واي ايه سي أو إس جي  
الانجليزي : ٦٦٢٣٠٣ آر سي واي بي إس جي

الرقم ٥٦٠٠ / ٢٤٤٨٧١

التاريخ ٤ / ١١ / ١٤٣٩ هـ

الملفات



## 10. Commercial & Legal Certificates

Generation Projects Engineering Department

Tel. 01-494-7040  
Fax. 01-494-7101  
Email: [GEPENMG@se.com.sa](mailto:GEPENMG@se.com.sa)



Date : 21/07/2012 Ref # 02055001- 12

To : Specialized Oil & Gas Engineering Company (SOGEC)

Attn. : Mr. Walid Rajab.

Fax : +966 3 859 0289  
Phone : +966 3 857 0034 Extn. 3465  
E-mail : [walid.rajab@ikkgroup.com](mailto:walid.rajab@ikkgroup.com)

CC: Policies and Procedures Division Manager ([PCSPLDV@se.com.sa](mailto:PCSPLDV@se.com.sa))

**Subject : (SOGEC) Prequalification Request**

Reference to the above mentioned subject, Saudi Electricity Company is pleased to inform you that, the prequalification request of **Specialized Oil & Gas Engineering Company (SOGEC) / K.S.A.**, as a subcontractor is technically accepted to Saudi Electricity Company, Generation Engineering and Projects Sector for the following products:

No.	Description	Limitations
1	Cathodic Protection Systems	None.

Note: The financial and commercial qualification to be completed with Contracting Policies Division/Contracting Policies, Claim and Systems Department (SEC Contract Sector).

Best regards,

Khaled Saad Al-Rashed  
Department Manager  
Generation Projects Engineering

## 10. Commercial & Legal Certificates



الشركة الكويتية لنيط الخليج  
Kuwait Gulf Oil Company



عمليات الخفجي المشتركة  
AL KHAFJI JOINT OPERATIONS



شركة أرامكو لأعمال الخليج  
Aramco Gulf Operations

**PCD/NHCTL/SPM/L-0274/19**

**March 27, 2019**

Saipem S.P.A. Sharjah Branch  
Al Saadah Tower - Block 1,  
Al Mamzar Area, Near Chamber of Commerce,  
Sharjah, UAE  
Tel.: +971(6)5937777

**Attention: Mr. Clouet Dorval Oliver  
Project Manager**

**Project: Laying of New Hout Crude Transmission Line Facilities-Balance Work  
Contract No. HQ466PC17**

**Subject: NDT Service Provider Vendor – SOGEC**

Reference is made to CONTRACTOR's letter 054848-SNKO-LT-0396 dated 05 March 2019 regarding the above-mentioned subject.

Please be informed that COMPANY has reviewed the proposed documents regarding NDT service provider vendor M/s SOGEC and found acceptable.

CONTRACTOR to proceed according.

Best Regards,

**Saud S. Al Jandal – Project Manager**  
Laying of New Hout Crude Transmission Line Facilities-Balance work

AEH/AGH/RL: ms

Attachment(s): nil

Icc: Superintendent – Offshore Division

Response required: Yes (X) No ( )



Company General Use

Projects Design & Construction Department | Al-Khafji Joint Operations  
Headquarter Building, 1<sup>st</sup> Floor Right Wing | P.O. Box 256 Al-Khafji 31971, Saudi Arabia  
Tel No. 00966-3-7655270 | Fax No. 00966-3-7655278

## 10. Commercial & Legal Certificates

Saudi Basic Industries Corporation  
(SABIC)  
SUPPLY MANAGEMENT ORGANIZATION (SMO)  
P.O Box 11115 Jubail Industries City 31961



PO No. 4801061441 | Date : 26/04/2015

Vendor Number : 0000502282  
Vendor name : SPECIALIZED OIL AND GAS ENGINEERING

SABIC Ref No.: Ref. Quotation #:  
Delivery Term : DDP Delivered Duty Paid  
Terms of payment : 45 days after receipt of the invoice and materials



<b>Attention</b>	<b>Bill to Address</b>	<b>SABIC Buyer</b>
ZIAD H. MOHDAD Tel.: 0504997415 Fax: 0138144849	Attn: Accounts Payable Dept. SABIC JUBAIL HQ Buidg. ALFANATEER, P.O.Box 10040 Jubail Industrial City 31961	TALAL AL-RADDADI +96643965133 +96643965236 ALRADDADI.T@SABIC.COM

Item	Material	Order Qty	Unit	Del. Date	Price per unit	Net value
00010		1.000	AU	26/04/2015		
<p>NDT API Inspectors req. APR-15 PTA T/A</p> <hr/> <p>NDT MANPOWER REQUIRED FOR PTA T/A MAY-2015 STARTING FROM 03.05.2015 ESTIMATED DURATION 7 DAYS FOLLOWING NDT PROFESSIONALS REQUIRED API INSPECTORS 4 NDT TECHS 6 NOTE: EXACT MOBILIZATION DATE SHALL BE CO-ORDINATED WITH SUPPLIER AS PER SCHEDULE REQUIREMENT</p> <p>NDT MANPOWER REQUIRED FOR PTA T/A MAY-2015 STARTING FROM 03.05.2015 ESTIMATED DURATION 7 DAYS FOLLOWING NDT PROFESSIONALS REQUIRED API INSPECTORS 4 NDT TECHS 6 NOTE: EXACT MOBILIZATION DATE SHALL BE CO-ORDINATED WITH SUPPLIER AS PER SCHEDULE REQUIREMENT</p> <p><b>Delivery Address</b> Ibn Rushd Arabian Industrial Fibers Co. P.O. Box 30701 21441 Yanbu</p>						

**Total PO Value**  
**Actual Cost of Order**

# 10. Commercial & Legal Certificates

**4M122-T-SUB-DON-000084-E04**

<b>NATIONAL WATER COMPANY</b>		<b>شركة المياه الوطنية</b>	
Project Name: Riyadh Strategic Water Reservoir SALB Station		المشروع	
Consultant: TYPESA		الإستشاري	
Contractor: DNGO Contracting Saudi Co.		المقاول	
Subcontractor/ Manufacturer for Approval (SUB)		طلب اعتماد مقاول باطن أو مصنع للمواد (SUB)	
Reference Number: SALB-SUB-0019		Rev: 1	
Project Code: SALB	رقم المشروع	Date: 17-Jan-2016	التاريخ
Material to be Manufactured: n/a		Type of Work: Non Destructive Laboratory Test	
<b>Subcontractor or Manufacturer Information</b> <span style="float: right;">معلومات عن مقاول الباطن أو المصنع</span>			
Company or Manufacturer Name اسم الشركة أو المصنع	SOGEC		
Address العنوان	P. O. Box 6897 Dammam 31452 KSA		
Line of Works or Discipline مجال العمل و الاختصاص	Third Party / Application (NDT), (Mechanical)		
The following prequalification documents are enclosed with <span style="float: right;">بروحى التحقق من المؤهلات السابقة</span>			
Copy of Valid Commercial Registration	<input type="checkbox"/>	No. of Copies	
List of Company Staff	<input type="checkbox"/>	No. of Copies	
List of Company Equipments	<input type="checkbox"/>	No. of Copies	
List of Manpower & Equipments to be Assigned for this Work	<input type="checkbox"/>	No. of Copies	
List of Present Similar Works	<input type="checkbox"/>	No. of Copies	
List of Previous Similar Works	<input type="checkbox"/>	No. of Copies	
Quality Management Plan (QA/QC)	<input type="checkbox"/>	No. of Copies	
<b>We certify that the subcontract is being procured in accordance with the subcontracting plan contained in our bid</b> نشهد بان مقاول الباطن أو المصنع المقدم اعلاه للاعتماد هو حسب الخطة المتضمنة من قبلنا في عرض المتنافسة (البيد)			
Name of Contractor's Project Manager or his Representative اسم مدير مشروع المقاول أو من يمثله	Engr. Mahmoud Abdullah		
		<b>Signature &amp; Date</b> 	
Consultant or NWC Representative Comments			
• Submitted to the NWC's Vendor list. • Big experience as NDT third party in KSA (Dromco, Sabic...) <b>APPROVED as THIRD PARTY for WELDING INSPECTION!</b>			<b>SIGNATURE &amp; DATE</b> التوقيع و التاريخ
<b>Action</b> الإجراء			
<input checked="" type="checkbox"/> <b>Approved</b> موافق		<input type="checkbox"/> <b>Approved with Comments</b> موافق بملاحظات	
<input type="checkbox"/> <b>Comply Comments and Resubmit</b> أجد الملاحظات بعين الاعتبار و إعادة التقديم		<input type="checkbox"/> <b>Rejected</b> مرفوض	
Comments ملاحظات	1-	5-	
	2-	6-	
	3-	7-	
	4-	8-	
		9-	
<b>ACCEPTED BY</b> اعتمد من		<b>SIGNATURE &amp; DATE</b> التوقيع و التاريخ	
Consultant Resident Engineer or his Representative		Dr. Pedro IRIARTE	
NWC Representative		ALRabiah	
		28/01/2016	
		01/02/2016	





**CONFIDENTIAL LETTER**

DATE : 13 June 2022  
TO : Mutlaq Al-Ghowari Co for Contracting Limited.  
ATTN : Eng. Mohammed Alnaggar  
*Project Manager*  
Email : [info@mgc.com.sa](mailto:info@mgc.com.sa)  
CC : SWCC PED, SWCC-SF, Project Engineer

SUB : Khobar – Hofuf Water Transmission System - PHASE 2,  
Conditional Preliminary Approval for "Specialized Oil & Gas Engineering Co. Ltd  
(SOGEC) -Saudi" for 'Non-Destructive Testing & Third Party Inspection Services'.

Y. REF. : MGC-SWCC-L-0015

DATED: 2.6.2022

With reference to the above mentioned subject, Kindly be informed that SWCC hereby grants Conditional Preliminary Approval to your proposed subcontractor \* Specialized Oil & Gas Engineering Co. Ltd. (SOGEC) -Saudi\* for \*Non-Destructive Testing & Third Party Inspection Services\*.

This Approval is on condition to submit a letter by SOGEC-Saudi confirming compliance of SWCC specifications for this project.

NOTE: *The Main Contractor will be responsible for the Financial, Technical and the Quality of these services.*

Regards,

Engr. ANAS B. Al Bedaiwi,

*Suppliers Qualification Manager.*

*SWCC, Riyadh, Saudi Arabi*

*\*P.O. should be issued after SWCC grants Final Approval\**

المرفقات : التاريخ : 13/06/2022 الرقم : 18-F22-761



المؤسسة العامة لتحلية المياه المالحة  
Saline Water Conversion Corporation

www.swcc.gov.sa



الهيئة العامة للغذاء والدواء  
الرياض - العليا - طريق الملك فهد - ص.ب. 3-879 الرياض 11590  
هاتف: 011-4631111 - فاكس: 011-4631111  
RSA - Olaya - King Fahad Road  
P.O. Box 0869 Riyadh 11595 Kingdom of Saudi Arabia  
Tel: 011 4631111 - Fax 011 4630452

**CONFIDENTIAL LETTER**

**DATE** : 02 March 2020  
**TO** : Saudi Services for Electro- Mech Works Co Ltd (SSEM).  
**ATTN** : Engr. Saad Al-Shehri,  
Project Manager  
**Email** : [ssem@ssem.com.sa](mailto:ssem@ssem.com.sa)  
**CC** : SWCC PED.  
**CC** : SWCC-SF  
**CC** : PROJECT ENGINEER.

**SUB** : Energy Industrial City Feeder Line Water Transmission System,  
Preliminary Approval for "Specialized Oil & Gas Engineering Co. Ltd  
(SOGEC) -KSA" For " Non Destructive Testing NDT "

**Y. REF.** : SSEMR-SR- L-0168 **DATED:** 18.02.2020

With reference to the above mentioned subject, please be informed that SWCC hereby grants Preliminary Approval to your proposed subcontractor "Specialized Oil & Gas Engineering Co. Ltd. (SOGEC) -KSA" for 'Non Destructive Testing NDT '.

**NOTE:** The Main Contractor will be responsible for the Financial, Technical and the Quality of this services.

Regards

**Engr. Ali Omar Al Shuqair,**  
Manager Prequalification Dept.  
SWCC, Riyadh, Saudi Arabia

03/03/2020

18 - F20 - 261

Jazan Port & City Infrastructural Projects Department  
SA Terminal Projects Division  
SAPMT Site Office  
Jazan Economic City, Balah Highway  
Kingdom of Saudi Arabia  
October 5, 2015

الرامكو السعودية  
Saudi Aramco



JP&CIPD-JT-IK-L-00191  
Ref: HKAD-L1699.

Subcontractor Award Recommendation for NDT Work  
Contract No. 6600028565 (IK)

Sun Tae Kim  
Contractor Representative  
Hanwha Engineering & Construction Corp.

In reference to your letter No. HKAD-L1699, regarding subcontracting of Piping Spool Fabrication.

COMPANY has no objection for Subcontractor, Specialized Oil & Gas Engineering Co. Ltd. (SOGEC), to execute NDT work between construction site and external piping spool fabrication shop.

Should you require further information, please contact Turki Alaqil on 0505437105 or by email [TURKI.ALAQIL@ARAMCO.COM](mailto:TURKI.ALAQIL@ARAMCO.COM).



Adnan Al-Awami, Company Representative  
SA Terminal Projects Division  
Jazan Port & City Infrastructural Projects

Attachment(s): N

cc:



Saudi Aramco Company General Use



**CONFIDENTIAL LETTER**

DATE : 13 June 2022  
TO : Mutlaq Al-Ghowari Co for Contracting Limited.  
ATTN : Eng. Mohammed Alnaggar  
Project Manager  
Email : [info@mgc.com.sa](mailto:info@mgc.com.sa)  
CC : SWCC PED, SWCC-SF, Project Engineer

SUB : Khobar – Hofuf Water Transmission System - PHASE 2,  
Conditional Preliminary Approval for "Specialized Oil & Gas Engineering Co. Ltd.  
(SOGEC) -Saudi" for "Non-Destructive Testing & Third Party Inspection Services"

Y. REF. : MGC-SWCC-L-0015

DATED: 2.6.2022

With reference to the above mentioned subject, Kindly be informed that **SWCC** hereby grants Conditional Preliminary Approval to your proposed subcontractor \* Specialized Oil & Gas Engineering Co. Ltd. (SOGEC) -Saudi\* for \*Non-Destructive Testing & Third Party Inspection Services\*:

This Approval is on condition to submit a letter by SOGEC-Saudi confirming compliance of SWCC specifications for this project.

NOTE: *The Main Contractor will be responsible for the Financial, Technical and the Quality of these services.*

Regards,

Engr. ANAS B. Al Bedaiwi,

Suppliers Qualification Manager.

SWCC, Riyadh, Saudi Arabi

\*P.O. should be issued after SWCC grants Final Approval\*

المرفقات : التاريخ : 13/06/2022 الرقم : 18-ف22-761

## 10. Commercial & Legal Certificates



### Generation Technical Support Department Quality & Performance Division

Qualification Letter			
<b>Date</b>	7 August 2011	<b>Ref No.</b>	PQA-070811-Sogec
<b>Validity</b>	5 years		
<b>To</b>	Mudasir Malik Specialized Oil & Gas Engineering Company (Sogec) P.O. Box 6897, Dammam 31452 Phone : 03 857-0034 Fax : 03 859 0289 E Mail : mudasir.malik@ikkgroup.com		
<b>Subject</b>	Pre-Qualification for On-Site NDT Services at SEC Power Plants		

Dear Mr. Malik,

We are pleased to inform you that after completing the evaluation process of your pre-qualification package, you are qualified with Saudi Electricity Company for providing the following services:

- On-Site NDT Services at Power Plants: MT, PT, UT, RT, IRIS, ToFD, Tank Inspection
  - Heat Treatment Services
- Nothing follows-----

Please note that by virtue of this letter you are qualified for the above-mentioned service(s) at all Operating Areas of Saudi Electricity Company. Also, please ensure you are registered with SEC Contracting Department.

Congratulations!

We look forward to working with you in the future.

Truly Yours,

Talal S. Al-Shammari, Manager  
Generation Technical Support Department  
Saudi Electricity Company – EOA

cc: Mgrs (GTSD, All OA), Div Mgrs (Q&PD, all OA)  
Mgrs (GOPD, All OA), Doc Base File



# 11. Personnel Documents





## 11. Personnel Documents

### 11.1. CP Team Resumes

#### Khaled Sami Youssef - Resume

## Khaled Sami youssef

CP Specialist

Salman Al Farisi St, Al Khalidiyah, Dammam

Direct: +966 (013) 892 3713

[khaled.youssef@ikkgroup.com](mailto:khaled.youssef@ikkgroup.com)



Cathodic Protection specialist with more than 13 years of experience and knowledge in external corrosion control by cathodic protection systems with emphasis on pipelines, tanks, well casings, offshore and concrete structures. Has been involved in significant projects which included cost estimation, survey, design, installation, and commissioning of CP systems. Has performed cathodic protection systems assessment directed to structured integrity programs, risk analysis and pipeline Direct Assessment.



#### Work History

- |                          |  |
|--------------------------|--|
| 2020 Aug –<br>to Present | <b>Field Services manager</b><br>Specialized Oil & Gas Engineering Company (Sogec), Dammam, Saudi Arabia       |
| 2014– to<br>Aug 2020     | <b>Operations Manager</b><br>Specialized Oil & Gas Engineering Company (Sogec), Dammam, Saudi Arabia           |
| 2011 - 2014              | <b>Engineering Manager</b><br>Specialized Oil & Gas Engineering Company (Sogec), Dammam, Saudi Arabia          |
| 2009 - 2011              | <b>Engineering Supervisor</b><br>Specialized Oil & Gas Engineering Company (Sogec), Dammam, Saudi Arabia       |
| 2007 - 2008              | <b>Cathodic Protection Engineer</b><br>Specialized Oil & Gas Engineering Company (Sogec), Dammam, Saudi Arabia |



#### Education

**B.Sc., Computer & Communication Engineering**  
American university for Science & Technology (AUST) - Lebanon



#### Industry Credentials

**National Association of Corrosion Engineers (NACE)**

NACE CP Specialist, 24242 (Dubai, 2017)  
NACE CP Technician, 24242 (Dammam, 2008)



### Publications

Khaled yousef, CASE STUDY-Impact of bare shorted casing on a well coated pipeline in a shore area, NACE, CORROSION 2021, Doc Number C2021-16335, USA , Salt lake City (yet to be presented).

Khaled yousef, CASE STUDY-Impact of bare shorted casing on a well coated pipeline in a shore area, NACE, MECC 2020, Doc Number MECC2020-15995, BAHRAIN, (yet to be presented).

Khaled yousef, AC Corrosion rate on various grounding materials used for AC interference mitigation systems -An indoor empirical study NACE, MECC 2020, Doc Number MECC2020-15994, BAHRAIN, (yet to be presented).

Khaled yousef, AC Corrosion In Presence & Absence of CP An Empirical Study, NACE, 17th Middle East Corrosion Conference 2018, Doc Number MECCOCT18-12545.

Khaled yousef, Performance of Tank External Bottom Cathodic Protection Utilizing Zinc Ribbon Anodes – An Empirical Indoor Study, NACE, Middle East Corrosion Conference 2013, Doc Number MECCFEB14-5005.



### Key Projects

Key projects are listed below, level of involvement varies from survey, design, supervision of installation, into full project management:

#### Pipelines:

1. **Saudi Aramco:** Cathodic Protection Survey & Design for project 2000 KM, FREE FLOW PIPELINES AT HARADH & HAWIYA\*.
2. **Saudi Aramco:** Cathodic Protection & AC Mitigation Study for Shedgum Uthmaniyah Pipeline around 1200 Km Project (BI-10-01989 & BI-10-02067)
3. **Saudi Aramco:** Cathodic Protection Survey & Design for Hawiyah Unayzah Gas Reservoir storage project.
4. **Saudi Aramco:** Cathodic Protection Survey & Design for ZULUF AH CRUDE OIL INCREMENT 600MBCD – DOWNSTREAM PIPELINES
5. **Saudi Aramco:** Survey & Design impressed current system and galvanic CP system for 20" Dia 40 Km length water pipeline in HAWTAH area.
6. **Saudi Aramco:** Survey & Design impressed current system and galvanic CP system for 12" Dia 10 Km length from FCC to RIS-A in HAWTAH area.
7. **Saudi Aramco:** Survey & Design impressed current system and galvanic CP system for CP system at EWG- 1 pipeline in (East West corridor).
8. **Saudi Aramco:** Design proposal impressed current system and galvanic CP system for new pipeline 28" Dia 107 Km length from KP943 of AY-11 (East West pipeline corridor to Riyadh refinery).
9. **Saudi Aramco:** Survey & Design impressed current system and galvanic CP system for 20" Dia 40 Km length water pipeline in HAWTAH area.
10. **Saudi Aramco:** Survey & Design impressed current system and galvanic CP system for RTJ-1 & RTJ-2 pipelines route from Juaymah plant to Ras Tanoura.
11. **Saudi Aramco:** Survey & Design impressed current system and galvanic CP system for RTDB-2 pipeline 30" Dia 96 Km length from Dhahran to Klursaniyah plant.
12. **Saudi Aramco:** Survey & Design impressed current system and galvanic CP system for DR-2 pipeline, 30" Dia 400 Km length pipeline from Dhahran to Riyadh.

### Khaled Sami Youssef - Resume

13. **Saudi Aramco:** Survey & Design impressed current system and galvanic CP system for Gas pipeline KBG-2, 40" Dia 47 Km length from Khursaniyah gas plant to Berri junction.
14. **Saudi Aramco:** Survey & Design impressed current system and galvanic CP system for Manifa Upstream pipelines.
15. **Saudi Aramco:** Survey & Design impressed current system and galvanic CP system for 56" Dia and 19.8 Km length for UWIPS-4/5 transfer line replacement.
16. **Saudi Aramco:** Survey & Design impressed current system and galvanic CP system for 16" Dia 18.5 Km length RTJPRP-1 gas pipeline from Ras Tanoura to Juaymah Gas Plant.
17. **Saudi Aramco:** Survey & Design impressed current system and galvanic CP system for 20" Dia KRT, KJ crude oil and sales gas pipelines with 1.5 Km at Jubail.
18. **Saudi Aramco:** Design proposal for HASBAH & ARABIYAH with Dia 36" and length 33 Km and MEG Dia 36" and length 33 KM.
19. **SWCC:** Survey & Design impressed current system and galvanic CP system for RABIG-JEDAH/MEKA water transmission system(450 Km).
20. **SWCC:** Survey & Design impressed current system and galvanic CP system for Taif-Turba –Raynah water transmission system(120 Km).
21. **SWCC:** Survey & Design impressed current system and galvanic CP system for Taif-Turba –Raynah water transmission system(120 Km).
22. **SWCC:** Survey & Design impressed current system and galvanic CP system for NEWOM water transmission system(120 Km).
23. **SWCC:** Survey & Design impressed current system and galvanic CP system for YANBU –Al MADINA water transmission system(234 Km).
24. **SWCC:** Survey & Design impressed current system and galvanic CP system for Ras al Khair –Hafr AL Batin water transmission system.
25. **SWCC:** Survey & Design impressed current system and galvanic CP system for Ras al Khair – AL Riyadh water transmission system.
26. **SWCC:** Survey & Design impressed current system and galvanic CP system for AL Jubail –Al Riyadh water transmission system.
27. **SWCC:** Survey & Design impressed current system and galvanic CP system for Shoiba-Mina water transmission system.
28. **SWCC:** Survey & Design impressed current system and galvanic CP system for 5 pipelines with total length 350 Km and average Dia 60" water transmission system in Jeddah.
29. **SWCC:** Survey & Design impressed current system and galvanic CP system for 70" Dia and total length 180 KM KRT, KJ crude oil and sales gas pipelines with 1.5 Km at Jubail.
30. **SWCC:** Survey & Design impressed current system and galvanic CP system for 70" Dia 120 Km length EPWTS in eastern area for.
31. **SABIC-Petrokemya:** survey & design ICCP system for twin PCP pipeline inside PetroKemya.
32. **SABIC-Petrokemya:** survey & design ICCP system for twin PCP pipeline inside PetroKemya.
33. **SABIC-Petrokemya:** survey & design ICCP system for BOG pipeline from Petrokemya to United.

#### Tanks:

1. **KJO :** Design impressed current system for tanks internal using TA-2 anodes at KJO
2. **Saudi Aramco :** design for 20 tanks external CP system for YANBU refinery
3. **Saudi Aramco :** design for 20 tanks external CP system for Hawiya
4. **Saudi Aramco :** design for 4 tanks external & internal CP system for Fadhili
5. **SABIC-Sadaf:** Cathodic protection system design for tanks external for SADAF CLC project (11 tanks).
6. **SABIC-SHARQ:** Cathodic protection system design for tanks external (2 tanks).
7. **SABIC-Petrokemya:** Cathodic protection system design for tanks external (2 tanks).
8. **SWCC:** Design impressed current system for more than 25 tanks internal with different diameters using MMO tubular anodes suspended from roof.
9. **SWCC:** Design impressed current system for tanks external & internal CP system for 25 tanks for RABIG-JEDAH/MEKA water transmission system.
10. **SWCC:** Design impressed current system for tank internal using string magnesium anodes suspended from roof.
11. **Saudi Aramco:** Design galvanic Cp system for crude tank bottom only by using magnesium anode.
12. Design impressed current system for tank external using MMO ribbon anodes underneath the tank.
13. **SWCC:** Design impressed current system for existing tank external using TA-4 anodes distributed.

## 11. Personnel Documents

### Khaled Sami Youssef - Resume

14. SWCC: Design Galvanic CP system for tank external bottom using ZINC ribbon anodes.

#### Vessels:

1. **Saudi Aramco:** Design Galvanic Cp system for vessel internal by using High Temperature Zinc anodes.

#### Wells:

1. **Saudi Aramco:** survey & design for 200 wells casing in Northern & southern area (single, mult & shared CP systems)
2. **Saudi Aramco:** Design impressed current system for around 100 separated oil and water well in haradh, uthmaniya, shedgum and all oil fields.
3. **Saudi Aramco:** Supervising simulation of Impressed Current CP Systems for Oil Wells, Flow Lines & Trunk Lines
4. **Saudi Aramco:** Design impressed current system for multi well system for all khurais wells which was consolidated CP system for wells, flow lines and trunk lines.
5. **Saudi Aramco:** Doing construction support and advanced test for all CP system in khurais.

#### Concrete:

1. **RC-Marafiq:** NEW CONCRETE STRUCTURE) PUMP STATION (072-C31R).
2. **RC-Marafiq:** NEW CONCRETE STRUCTURE) & HEADWORKS & CANAL (072-C31R).
3. **RC-Marafiq:** NEW CONCRETE STRUCTURE) SUBSTATION No.Contract No: PIC-A-1095A
4. **RC-Marafiq:** CONSTRUCTION & SITE DEVELOPMENT FOR WATER FRONT PHASE III AT YANBU INDUSTRIAL CITY CONTRACT NO.: PIC A-1031
5. **RC-Marafiq:** NEW CONCRETE STRUCTURE) PUMP STATION (065-C48)
6. **RC-Marafiq:** (Cathodic Protection System for sea water Pump Stations) Contract No: 201-C01
7. **RC-Marafiq:** Cathodic Protection System for WATERFRONT Bidge No. 1 for Royal Commission at Yanbu
8. **Saudi Electricity Company:** Cathodic Protection System Conditional assessment Survey in Quayya sea water Intake.
9. **Saudi Aramco :** Cathodic Protection System Sea Water Intake For Rabig ii petrochemical project
10. **SABIC/SABTANK:** CATHODIC PROTECTION SURVEY AND CONDITIONAL ASSESSMENT REPORT FOR BERTH-37 CONCRETE STRUCTURE AT KING FAHAD INDUSTRIAL PORT.
11. **SABIC/ IBN ZAHR :**CP system assessment for concrete structure in (Ibn Zahr)
  - U & O Make Up Basin
  - U & O Cooling Tower
  - U & O Pump Basin
  - U & O Blow Down Basin
  - P-III Concrete Foundations
  - Utility-I Seawater Structure Steel Rebar
  - OCT Concrete Foundations
12. **SABIC/IBN SINA:** CP system assessment for concrete structure in ( IBN SINA)
  - Unit 110 Seawater concrete structure
13. **SABIC-SADAF:** concrete CP system design and installation for heat exchanger foundation in SADAF.

#### Offshore:

1. **KJO:** Design new SACP system for gathering station in KJO which comprises five platforms.
2. **Saudi Aramco:** Cathodic Protection System design for BERRI Development Offshore Platforms and Flow lines (LTA-34) & MRJN WI TP-1 Jacket and Deck (LTA-35) for Aramco.
3. **Saudi Aramco:** Cathodic Protection System design for EPCI- SNFY phase 8.
4. **Saudi Aramco:** Cathodic Protection System design for HSBH PDM and Associated Facilities & Kam well hook up & system integration for Aramco.



## 11. Personnel Documents

### Ahmed M Rajab - Resume

#### Ahmad M Rajab

Engineering Manager – CP Specialist

King Khaled street, Al Baghdadiya, Jeddah  
Direct: +966 (012) 627 8395  
[Ahmad\\_Rajab@ikkgroup.com](mailto:Ahmad_Rajab@ikkgroup.com)



Cathodic Protection specialist with more than 12 years of experience and knowledge in external corrosion control by cathodic protection systems with emphasis on pipelines, tanks, well casings and Offshore Has been involved in significant projects which included cost estimation, survey, design, installation, and commissioning of CP systems. Has performed cathodic protection systems assessment, internal corrosion assessment, coating and corrosion investigation.



#### Work History

- |                |  |
|----------------|--|
| 2016 - Current | <b>Engineering Manager</b><br>Specialized Oil & Gas Engineering Company (Sogec), Dammam, Saudi Arabia          |
| 2014 - 2016    | <b>Sr. Corrosion Engineer</b><br>Khafji Joint Operation ( Aramco Overseas), Khafji, Saudi Arabia               |
| 2012 - 2014    | <b>Acting Execution Manger</b><br>Specialized Oil & Gas Engineering Company (Sogec), Dammam, Saudi Arabia      |
| 2008 - 2012    | <b>Cathodic Protection Engineer</b><br>Specialized Oil & Gas Engineering Company (Sogec), Dammam, Saudi Arabia |



#### Education

**B.E., Electronics & Communication Engineering**  
Beirut Arab University (BAU) - Lebanon



#### Industry Credentials

##### **National Association of Corrosion Engineers (NACE)**

NACE CP Specialist, 24968 (Cairo, 2016)  
NACE CP Technologist, 24968 (Dubai, 2011)  
NACE CP Technician, 24968 (Dammam, 2009)



#### Publications

A.Rajab, Cathodic Protection Design & Commissioning for Sheet Piles Using SACP Aluminum Anode, NACE, CORROSION 2021, paper number C2021-16336, Houston, TX

A Rajab, KSY, RP Tank External Bottom Cathodic Protection Utilizing Zinc Ribbon Anodes –An Empirical Indoor Study, NACE, 15th ME Corrosion Conference 2014, Bahrain





### Key Projects

Key projects are listed below, level of involvement varies from survey, design, supervision of installation, into full project management:

- 2020 *Aramco: AC Mitigation Study for Qatif Water Injection Falnk-4*
- 2020 *SEC: Cathodic protection Design for water condenser Using ICCP system,*
- 2020 *Aramco: Cathodic Protection Survey & Design for Relocation of Khursaniyah Ras Tanura Pipelines - Jubail Area*
- 2020 *Aramco: Cathodic protection for 38 water wells in Berri Increment Project*
- 2020 *Aramco: Cathodic protection for 100 water wells in Zuluf AH Development*
- 2019 *SWCC: Cathodic Protection System For Yanbu - Madina Water Transmission System*
- 2019 *SWCC: CP application For NEOM Transmission System*
- 2019 *YASREF: Cathodic Protection Materials and Installation for Piles below YMT Jetty, Boat Pier Piles and Fire Water Intake Sheet Pile Structure*
- 2018 *Aramco: Cathodic protection design for tanks External & Internal At Tanajib Pier Facility*
- 2018 *Aramco: Cathodic protection design for 2.4 Km sheet piles At Tanajib Pier Facility*
- 2018 *SWCC: CP application on Water transmission line from Taif to Turbah including pipelines, station piping and tanks*
- 2018 *SWCC: CP application on Water transmission line from Mekkah to Taif including pipelines, station piping and tanks*
- 2018 *SWCC: CP application on Water transmission line from Rabigh to Jeddah including pipelines, station piping and tanks*
- 2018 *Aramco: Cathodic Protection System for Boat Fenders for Jazan Economic City Port And Infrastructure (JECPI)*
- 2017 *SEC: a 3 years contract for monitoring and CP assessment for 3 power plants in eastern Region ( Ghazlan and Qurayah)*
- 2017 *SABIC/SHARQ: CP application for new Tank External.*
- 2017 *Aramco: Cathodic Protection System Design For Existing Structure In YNGL Plant Yanbu.*
- 2017 *Aramco: Cathodic Protection System For New Firewater Pump Station In Al-Mua'jjiz Terminal ICCP System For Land Side*
- 2016 *GACA: CP application for Tanks, Plant piping and vessels at King Abdulaziz International Airport*

## 11. Personnel Documents

### Ahmad M Rajab Resume

- 2016 Aramco: design of CP system for Platforms and valve skids for Safaniya Offshore Projects Division
- 2016 SABIC/Yansab: CP application for existing plant piping and tanks
- 2016 Aramco: CP designs for more than 100 wells at othmaniyah and shudgum Area.
- 2016 SEC: CP application for loading platform at Rabigh
- 2016 NWC: CP application for 18 water tanks in Jeddah & Makkah region
- 2015 CP survey and replacement for more than 120 platforms in the KJO & Dorra fields
- 2015 Introducing cathodic protection training program for the downstream and upstream personals.
- 2014 Implementing Aramco engineering standards for CUI, RBI and internal corrosion.
- 2014 Investigation for downhole corrosion related to offshore Oil wells with collaboration of Aramco CSD.
- 2014 KJO: Tender preparation for cathodic protection upgrade for the KJO plant.
- 2013 SABIC/Gas: CP application on existing seawater intake and return structures, including reinforcement bars, stop logs, travelling screens, bar screens, and sluice gates, Tanks and plant piping
- 2013 Royal Commission: CP concrete installation for pump stations in Jubail Area.
- 2013 SABIC-SABTANK: CP application on existing Piles and concrete structures
- 2012 SEC: CP Renovation for Ghazian power plants phase 1-4 and 5-8
- 2012 Aramco: CP survey and design for more than 50 oil wells in khurais Area,
- 2011 SABIC: CP system replacement for ICCP anodes in side SADAF Plant
- 2011 KJO: CP installation for SACP system for 5 platforms in the Arabian Gulf
- 2011 KJO: Evaluation of existing CP systems of 156 well jackets and platforms in Khafji, Dorra & Hout offshore fields in the Arabian Gulf and generating recommendations report to upgrade all sacrificial & ICCP systems
- 2010 SWCC: CP application on Ras Al Khair – Hafar Al Batin Water Transmission System (Tanks, Pipelines (362KM) & Station Piping).
- 2010 SWCC: CP application on Ras Al Khair – Riyadh Water Transmission System (Tanks, Pipelines (400km) & Station Piping).
- 2010 SWCC: CP application on Al Taif – Al Baha Water Transmission System (Tanks, Pipelines (198KM) & Station Piping).
- 2010 Royal Commission: CP application for reinforced concrete structures at the Water Front Phase-III project in Yanbu Industrial Port
- 2008 SWCC: CP application on Eastern Province Water Transmission System Phase II (Tanks, Pipelines (112KM) & Station Piping).

## 11. Personnel Documents

### Abdallah M Hammoud - Resume

## Abdallah M Hammoud

Operations Manager – CP Specialist

Salman Al Farisi St, Al Khalidiyah, Dammam  
Direct: +966 (013) 892 3751  
[abdullah.hammoud@ikkgroup.com](mailto:abdullah.hammoud@ikkgroup.com)



Cathodic Protection specialist with more than 12 years of experience and knowledge in external corrosion control by cathodic protection systems with emphasis on pipelines, tanks, well casings, offshore and concrete structures. Has been involved in significant projects which included cost estimation, survey, design, installation, and commissioning of CP systems. Has performed cathodic protection systems assessment directed to structured integrity programs, risk analysis and pipeline Direct Assessment.



### Work History

- |                |  |
|----------------|--|
| 2020 - Current | <b>Operations Manager</b><br>Specialized Oil & Gas Engineering Company (Sogec), Dammam, Saudi Arabia           |
| 2013 - 2020    | <b>Engineering Manager</b><br>Corrpower International (a Corpro Company), Al Khobar, Saudi Arabia              |
| 2008 - 2013    | <b>Cathodic Protection Engineer</b><br>Specialized Oil & Gas Engineering Company (Sogec), Dammam, Saudi Arabia |



### Education

**B.Sc., Electronics & Communication Engineering**  
Lebanese International University (LIU) - Lebanon



### Industry Credentials

#### National Association of Corrosion Engineers (NACE)

NACE CP Specialist, 27933 (Houston TX, 2014)  
NACE CP Technologist, 27933 (Dubai, 2011)  
NACE CP Technician, 27933 (Dammam, 2009)



### Publications

- A.M. Hammoud, DvO, NMD, *Application of Direct Assessment methods in Arid & Sabkha Environment*, NACE, CORROSION 2020, paper number C2020-14651, Houston, TX
- A.M. Hammoud, *Railway DC Stray Current Interference with Underground Metallic Pipelines*, NACE, 17th ME Corrosion Conference 2018, paper number 12443, Bahrain
- A.M. Hammoud, *Cathodic Protection Design for Multiple Well Casings*, Aegion, Corrosion Engineering Review journal, 2016 Edition

A.M. Hammoud, *Corrpower Team Helps Rehabilitate Seawater Intake Structure*, Aegion, Corrosion Engineering Review journal, 2015 Edition



### Key Projects

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Key projects are listed below, level of involvement varies from survey, design, supervision of installation, into full project management:

- 2019 *SABIC/Safco*: CP application on existing seawater intake/return structures, including reinforcement bars, stop logs, travelling screens, bar screens, and sluice gates
- 2019 *SABIC/Petrokemya*: CP application on existing seawater intake/return structures, including reinforcement bars, stop logs, travelling screens, bar screens, and sluice gates
- 2019 *SABIC/Sharq*: Annual monitoring survey for 96-ICCP systems within Sharq plant
- 2018 *Aramco*: CP application on 10 tank bottom plate replacement at North Jeddah Bulk Plant and Dhuba power plant
- 2018 *Aramco*: Pilot project for Saudi Aramco to examine and approve pipelines Direct Assessment methodologies (ECDA, ICDA, and SCCDA). This project involved training to Aramco employees and establishment of DA standards and procedures.
- 2018 *NWC*: CP application on 17 AST tanks (internally and externally) at the Waad Al Shamal Waste Water Treatment project
- 2018 *SABIC/Yansab*: CP application on existing deck slab of two cooling towers 7801 & 7802
- 2017 *SWCC*: Corrosion study for pipe bevels stored at cement mortar lining yard
- 2017 *SABIC/Ibn Zahr*: CP application for new concrete foundations at Ibn Zahr HC/VRC DBN project
- 2017 *SABIC/Yansab*: CP performance assessment for 2 cooling towers 7801 & 7802 at Yansab plant
- 2016 *Sadara*: Installation of Corrflex anode system for firewater and cooling water networks at units 773 and 779 of Sadara plant
- 2016 *PNU*: DC railway stray current interference study at Princess Nora University in Riyadh
- 2016 *Aramco*: Survey and design of CP system for 45 oil and gas well casings at Haradh, Hawiyah, Uthmaniyah and Shaden fields
- 2016 *SABIC/Petrokemya*: CP application for new concrete foundations at PK GHT/Benzene DBN project
- 2016 *Aramco*: CP application for firewater network, sheet piles, submerged bridge piles, and assessment of existing SACP system for 40 offshore platforms
- 2016 *SABIC/Safco*: CP application on reinforced concrete structures at the new cooling tower project in SAFCO-III area

## 11. Personnel Documents

### Abdallah M Hammoud - Resume

- 2015 *Aramco*: AC interference mitigation study for 16" Khafji-Tanajib sour gas pipeline
- 2015 *Sabic/Petrokemya*: CIPS and DCVG for 24" Propane gas pipeline
- 2015 *SABIC/Petrokemya*: CP application for new concrete foundations at PK Butadiene DBN project
- 2015 *MCRA*: CP system replacement of fuel piping network and storage tanks at Dammam airport fueling facility
- 2015 *SWCC*: AC interference mitigation study for Riyadh North City Feeder pipelines
- 2015 *SWCC*: CP application on Riyadh North City Feeder Water Transmission System (Pipelines (145KM) & Station Piping).
- 2015 *SWCC*: Replacement of 150 ICCP & SACP systems at Jubail desalination plant, the biggest desal plant in the world. This project included survey, design, assessment, and installation of CP materials for piping, tank external, tank internal, and seawater intakes.
- 2014 *Aramco*: CP application for 52 AST tanks, vessels, station piping, and hydrants at JIGCC Utilities project, Common Area, Package 5
- 2014 *SABIC/Gas*: CP application on existing seawater intake and return structures, including reinforcement bars, stop logs, travelling screens, bar screens, and sluice gates
- 2013 *SABIC/Ibn Al Baytar*: CP application on existing seawater intake/return structures, underground canal, and pump basin, including reinforcement bars, stop logs, travelling screens, bar screens, and sluice gates
- 2013 *SABIC-Yanpet*: CP application on existing seawater intake structure, including reinforcement bars and sluice gates
- 2013 *Aramco*: CP survey and design for 35 single & multi well, includes current distribution simulation by using proteus software.
- 2012 *Aramco*: CP survey and design for cross country pipeline (112KM) from Abqaiq refinery in KSA to Bapco Refinery in Bahrain, including offshore section
- 2012 *Aramco*: CP survey and design for Manifa upstream onshore pipelines (150km)
- 2012 *Chevron*: CP application on 20" EOCENE & 20" RATAWI Pipelines from Wafra city to Mina Saud in Kuwait
- 2012 *Senegal*: CP application on fuel piping network at Blaise Diagne International Airport in Dakar
- 2011 *Aramco*: CP survey and design for DR-2 & RTDB-2 gas pipelines (402KM Twin) from Ras Tannurah to Riyadh
- 2011 *Aramco*: CP survey and design for UBTG-1 pipeline replacement in Ras Tannurah
- 2011 *Aramco*: CP survey and design for RTJPRP-1, RTJ-1 & RTJ-2 pipelines replacement in Ras Tannurah



## 11. Personnel Documents

### Abdallah M Hammoud - *Resume*

- 2011 *Aramco*: CP survey and design for 104 buried vessels and station piping at King Fahd Air Base in Tabuk, KSA.
- 2011 *KJO*: Evaluation of existing CP systems of 156 well jackets and platforms in Khafji, Dorra & Hout offshore fields in the Arabian Gulf and generating recommendations report to upgrade all sacrificial & ICCP systems
- 2010 *SWCC*: CP application on Ras Al Khair – Hafar Al Batin Water Transmission System (Tanks, Pipelines (362KM) & Station Piping).
- 2010 *SWCC*: CP application on Ras Al Khair – Riyadh Water Transmission System (Tanks, Pipelines (400km) & Station Piping).
- 2010 *SWCC*: CP application on Al Taif – Al Baha Water Transmission System (Tanks, Pipelines (198KM) & Station Piping).
- 2010 *Royal Commission*: CP application for reinforced concrete structures at the Water Front Phase-III project in Yanbu Industrial Port
- 2009 *SEC*: CP application on Heavy Fuel Oil Tanks at Rabigh Power Plant II
- 2009 *SEC*: CP application on Distillate Oil Tanks at Duba Power Plant
- 2009 *SEC*: CP application on Distillate Oil Tanks Tabouk Power Plant
- 2008 *Marafiq*: CP application on 20 GAC & Media filter vessels at Marafiq IWTP8 project
- 2008 *SWCC*: CP application on Eastern Province Water Transmission System Phase II (Tanks, Pipelines (112KM) & Station Piping).

## 11. Personnel Documents

### 11.2. CP Team Certificates of Achievements



## 11. Personnel Documents



## 11. Personnel Documents

### 11.3. NDT Team Resumes

Mosa K. Al Alam - Resume



**Mosa K. Al-Alam**  
Level III / Area Supervisor / RSO  
Years of Experience **16**

**Personal Information:**

**Date of Birth:** 01/12/1978    **Iqama No.:** 2269509051    **Nationality:** Syrian  
**Driving License :** Yes    **Blood Group:** O-    **Experience:** 16 Years

**Education:**

**Higher School Certification**

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**Qualifications:**

Certification	Certification Level	Certified By
RTFI	ASNT - II	SOGEC
Magnetic Particle Testing	ASNT - II	SOGEC
Penetrant Testing	ASNT - II	SOGEC
Ultrasonic Testing	ASNT - II	SOGEC
Radiation Safety Officer	-	NRRC
Radiation Source Retrieval Certification	-	ASNT - SAS
Radiation Projector Maintenance Certification	-	ASNT - SAS
Level III (PT,MT,RT,UT)	-	ASNT

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### Experience:

#### 1-Specialized Oil & Gas Engineering Co. LTD.

(KSA)

Company	From	To	Title	Method
SOGEC	2007	Present	NDT Technician	RTFI, RT, MT, PT

### Duties & Projects:

- Applying all the Radiation Safety Officer Responsibilities defined by the KACARE National Regulations.
- Supervision and coordination of Radiographic Testing in complex environments & conditions.
- Responsible for aspects of Radiation matters, overseeing personal dosimeters & compilation of dose records.
- Conduct all activities related to use, handling, transportation and storage of Radioactive materials.
- Conducting Film interpretation of Radiography films according to the acceptance criteria of the specified codes and procedures.
- Co-ordinate all NDT work of all technicians in the performance of RT, MT, PT & UTT.
- Review and approve all the required reports by the clients for the performed activities.

### Work Locations:

- Nesma (Saudi Aramco project) (CPF) / Shaybah
  - Nesma (Saudi Aramco project) (DHT) / Ras Tanura
  - Sabic-Yanbu (Yansab; Ibn Rushd; Yanpet)
  - Yanbu Refinery Shut down, Saudi Aramco
  - Olayan Descon (Different Projects)
  - SWCC, Yanbu (Harris Pye)
  - Yasref Refinery (Dailem, TCC, SARCO, NSH)
  - Binladin PCMC, Saudi Aramco Yanbu Refinery
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## 11. Personnel Documents



### Experience:

- Petrojet – PetroRabigh-II Utility

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### 2-Rawabi Industrial Services (RISS)

(KSA)

Company	From	To	Title	Method
RISS	2006	2007	NDT Technician	RT, MT, PT, UTT

### Duties & Projects:

- Conducting RT, MT, PT & UTT work according to the company and client procedures and international codes.
  - Prepare all the required reports by the clients for the performed activities.
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## 11. Personnel Documents

### Louay Gamaleldeen - Resume

#### Loay Gamaleldeen Saad

Operations Manager

Salman Al Farisi St, Al Khalidiyah, Dammam

Direct: +966 (013) 892 3732

[Loay.Gamaleldeen@ikkgroup.com](mailto:Loay.Gamaleldeen@ikkgroup.com)



Managing the Company projects from beginning to end, ensuring that projects are completed within time and budgetary constraints to ensure the successful delivery of the construction projects.

Prepare and implement the annual Department plan to support the overall strategic objectives of company. Develop the Operations Department objectives and plans and ensure that they are communicated and implemented within the department. Prepare and manage the Department budgets. Develop, implement and maintain Operations policies and procedures. Manage, develop, evaluate and lead the Operations team to execute the assigned tasks. Plan and coordinate all aspects of the projects process. Supervise and work in close coordination with Project Managers, HSSE, and Cost Control to accomplish the efficient and timely completion of all projects, operations and maintenance requirements. Determine the schedule of different phases of a project based on established deadlines. Perform all necessary action to ensure that adequate personnel scheduling, materials, equipment and other coverage is available for operation. Review the operating results of the Operations Department and compare them to established goals and objectives to ensure that operations are operating effectively to support the operations and follow-up with the respective departments to ensure that appropriate measures are taken to correct unsatisfactory results. Secure the availability of obligatory permits, licenses, materials and equipment to construction sites. Confer with Project Managers or other managers to monitor progress, including workers' productivity and compliance with safety codes. Ensure that a project is completed according to schedule, resolve problems that arise due to inclement weather, emergencies or other issues that may cause delays. Conduct planned and ad-hoc inspections of work site to monitor project execution and identify unsafe conditions and behaviors. Collaborate with the project manager and engineers to ensure feasibility of each project. Conduct meetings on-site with engineers, client and construction team. Review all periodical progress reports (weekly, monthly, etc.) of all projects across the areas raised by Project/Area Managers and ensure that all constructions followed the terms and specifications that were agreed on. Review all submitted change order by the sub-constructors that was forwarded by the Project/Area Manager. Direct the project's final assessment which includes construction quality, actual vs. budget analysis (cost), completion time vs. planned.



#### Work History

2008 - Current

#### NDT Operations Manager / Level III

Specialized Oil & Gas Engineering Company (Sogec), Dammam, Saudi Arabia



#### Education

#### B. Sc. in Mechanical Power Engineering

Dammam University – Saudi Arabia



### Industry Credentials

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#### **American Society for Nondestructive Testing (ASNT)**

Level III - RT, UT, MT, PT, VT

#### **American Petroleum Institute (API)**

API-570 Piping Inspector  
API-510 Pressure Vessel Inspector

#### **King Abdulaziz City for Science and Technology (KACST)**

Radiation Safety Officer



### Key Projects

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Key projects are listed below, level of involvement varies from survey, design, supervision of installation, into full project management:

<i>Inma Steel Fabricators Co. Ltd.</i>	NDT Services at Inma Steel yard
<i>Saudi Aramco</i>	NDT Conventional Contract - Mr. Kazem H. Mussabeh - RT – Hawiyah
<i>STFA Marine Construction Co.</i>	RT Services at Manifa
<i>SKEC</i>	NDT Services at JERP5B Project in Jubail 2 Area
<i>Nesma</i>	NDT Services at FCC- Package 2A JERP, Jubail
<i>Saudi Binladin Group</i>	NDT Services at Gulf Farabi, Jubail
<i>Nesma</i>	NDT Services for Cocker Unit - JERP, Jubail
<i>Saudi Binladin Group</i>	NDT Services at Jana (Field), Jubail
<i>Tihama Power Generation Co. Ltd.</i>	NDT Services at Uthmaniyah, Shedgum, Rastanura & Juaymah Plants
<i>Olayan Descon</i>	NDT Services in Yanbu

## 11. Personnel Documents

### Loay Gamaleldeen Saad - Resume

<i>Branch of Third Chemical Engineering Construction Co. Ltd of China</i>	NDT Services at YERP EPC-3
<i>Olayan Descon</i>	NDT Services at YERP, Yanbu
<i>Saudi Binladin Group</i>	NDT Services at Ibn Rushd, Yanbu
<i>Yansab / Sabic</i>	NDT Services at Yansab
<i>Bonatti SPA Branch</i>	NDT Services For KRT & Daylighting Project
<i>Safco / SABIC</i>	NDT Services at Safco II SFII-AMM-TA13 April 2013
<i>Technip S.A. Ltd.</i>	UT Services at Satorp, Jubail
<i>Olayan Descon</i>	NDT, TOFD, PAUT, PMI, Ferrite Services During Samref Turnaround- T2 (FCC & Major Projects)
<i>Ibn Rushd / Sabic</i>	NDT Services at Ibn Rushd, Yanbu (4600006612)
<i>Sinopec E&amp;C Middle East Co. Ltd.</i>	RT Services @ Satorp, Jubail
<i>Technip S.A. Ltd.</i>	PT & UT Services at Satorp, Package 2A
<i>Ibn Baytar / Sabic</i>	NDT Services at IBBTA-14 Urea
<i>Hyundai Arabia Co. Ltd.</i>	NDT Services for Power Plant Projects in Eastern Region
<i>Ibn Zahr / Sabic</i>	RT Services on Piping Joints for Various AFC Projects
<i>Saipem Taqa Al Rushaid Fabricators Co. Ltd.</i>	NDT Services for Various Projects in Dammam
<i>Saudi Aramco</i>	NDT Services in Saudi Aramco Jeddah Refinery
<i>Nass Industrial Services</i>	NDT Services For Sadara Project in Bahrain
<i>Technip S.A. Ltd.</i>	RT Services At Satorp
<i>Nesma</i>	NDT Services for Sadara Project in Jubail
<i>Harris Pye Marine Ltd.</i>	NDT Services for Aramco Abqaiq Project

## 11. Personnel Documents

### Loay Gamaleldeen Saad - Resume

<i>Nasser S. Al Hajri</i>	NDT Services for Kemya Project, Jubail
<i>PETROJET - Saudi Arabia</i>	NDT Services for Petrorabigh Petrochemical Project
<i>Safco / SABIC</i>	NDT Services in IBB During Turnaround 2014
<i>Tecnicas Reunidas Saudia for Services and Contracting Co.Ltd.</i>	NDT Services in Manifa Cogeneration Plant
<i>Saudi Archirodon Ltd.</i>	RT Services for Yanbu Export Refinery Project
<i>Abdullah A. Al-Barrak &amp; Sons Co.</i>	NDT Services for Riyadh Refinery
<i>Saudi Arabian Kentz Co. Ltd.</i>	NDT Services for Ma'aden-Alcoa Automotive Sheet Facility
<i>Sarh Attqnia Contracting Company</i>	UT Shearwave Services for Tanks at Abha
<i>Yapi Merkezi</i>	RT Services at Nariyah
<i>Petroleum Chemicals &amp; Mining Co. Ltd.</i>	RT Services at Marafiq, Jubail
<i>Abdulla Nass &amp; Partners Co. Ltd.</i>	NDT Services at Sadara, Jubail
<i>PETROJET - Saudi Arabia</i>	NDT Services at Petro Rabigh - 5 Tanks Project
<i>Larsen &amp; Toubro</i>	NDT Services for Midyan Gas Processing Facilities
<i>Salim M. Al-Joaib &amp; Partners Co.</i>	NDT Services for Tie-in Haradh 1522 Oil Well Pipeline
<i>Gulf Consolidated Contractors Company (GCC)</i>	NDT Services For Pipe Line Instrument Scrapping Facilities
<i>M.S. Al-Suwaidi</i>	NDT Services for Various Projects in the Western Province
<i>Petroleum Chemicals &amp; Mining Co. Ltd.</i>	NDT Services for YNGL Project # 596, Yanbu
<i>Hanwha Saudi Contracting</i>	NDT Services at Jazan Construction Site
<i>Olayan Descon</i>	NDT Services for Petro Rabigh Project



## 11. Personnel Documents

### Loay Gamaleldeen Saad - Resume

<i>Bonatti SPA Branch</i>	NDT Services for KRT-2 Daylight Project, Ras Tanura
<i>Saudi Aramco</i>	MFC for Conducting Radiography Services
<i>Shandong Electric Power Construction Group Saudi Arabia LLC</i>	NDT Services at Jazan, Power Block, Pkg# 4
<i>GAS Arabian Services Co. Ltd</i>	Providing NDT Services For Various Projects in Eastern Province
<i>Saudi Archirodon Ltd.</i>	Providing NDT Services For Yanbu Export Refinery Project (SP-7)
<i>Samsung EPC Company Ltd.</i>	Providing RTFI Services for Clean Transportation Fuels at Riyadh Refinery (RCTF) Project, Saudi Aramco
<i>Target Construction Saudi Arabia (W.LL)</i>	Providing NDT Services at Yanbu Refinery
<i>Saudi Kad Contracting Co.</i>	Providing NDT Services for Saudi Aramco Projects
<i>Nasser S. Al Hajri</i>	Providing NDT Services For Saudi Aramco Projects
<i>DNGO Contracting Saudi Co.</i>	Providing Inspection Services For Steel Tank
<i>Olayan Descon</i>	Providing RSO Services at Ar Razi, Jubail
<i>Nesma</i>	Providing NDT Services for Jubail Bulk Plant Project
<i>CCC</i>	Providing NDT Services at Jazan
<i>Sulzer Saudi Pump Company</i>	Providing NDT Services at Riyadh-RT
<i>Saudi Archirodon Ltd.</i>	Providing NDT Services for Yanbu South Terminal (Offshore Facilities) Project, Yanbu
<i>SENDAN International Co. Ltd.</i>	Providing NDT Services at NGL, Yanbu
<i>GAMA Al Moushegah Arabia Ltd.</i>	Providing NDT Services For GOSP Project At Khurais
<i>National Contracting Co. Ltd.</i>	Providing NDT Services for Khurais Area Facilities Expansion & Satellite GOSP Project at Khurais

## 11. Personnel Documents

### Loay Gamaleldeen Saad - Resume

<i>Saudi Aramco</i>	Supply of Radioactive Isotopes for Saudi Aramco
<i>Branch of Third Chemical Engineering Construction Co. Ltd. Of China (TCC)</i>	Providing NDT Services at Jazan IGCC/ASU Project
<i>NESMA</i>	Providing NDT Services at Ras Tanura
<i>Saipem Taqa Al Rushaid Fabricators Co. Ltd.</i>	Providing NDT Services at Jubail
<i>Juffali Heavy Equipment Co. (JHECO)</i>	Providing RTFI Services for PDA Revamp Project at Luberef-II, Yanbu
<i>Petroleum Chemicals &amp; Mining Co. Ltd.</i>	Providing NDT Services for Fadhli Gas Program Project
<i>Arkad Engineering &amp; Construction Co.</i>	Providing NDT Services for Master Gas II & Western Region Pipelines Project Pkg # 1 & 3
<i>Nasser S. Al Hajri</i>	Providing NDT Services for Jazan Refinery & Terminal Projects
<i>CCC</i>	Providing NDT Services for Jazan Integrated Gasification Combined Plant Project
<i>SAIPEM Snamprogetti Saudi Arabia Ltd.</i>	NDT Services for Hook-up Activities Offshore
<i>NESMA</i>	Providing NDT Services For Saudi Aramco Potential Maintenance Project - Eastern Province Area
<i>SAUDI ARAMCO TOTAL Refining &amp; Petrochemicals Company (Satorp)</i>	Conventional NDT Contract
<i>Saipem Taqa Al Rushaid Fabricators Co. Ltd.</i>	NDT RT Services for Piping Prefabrication
<i>Saudi Aramco</i>	Advance NDT services
<i>Specialized Industrial Services Co. Ltd. (SISCO)</i>	Providing NDT Services at Yanbu

## 11. Personnel Documents

### Loay Gamaleldeen Saad - Resume

<i>SAIPEM Snamprogetti Saudi Arabia Ltd.</i>	NDT Services for Hook-Up Activities Offshore
<i>Saudi Aramco Total Refining &amp; Petrochemical Co. (SATORP)</i>	Non Destructive Testing Conventional Services
<i>Saudi Services For Electro Mechanical Works Co</i>	Providing NDT & PWHT Service for Construction of Yanbu Distribution HUB in plant & Interface Works
<i>Branch of China Petroleum Pipelines Co.</i>	Providing NDT Services for ONSHORE Maint Potential PROG –NA1 ZONE at Khurasaniya.
<i>Metscco Heavy Steel Industries Co. Ltd.</i>	Providing NDT Services at Duba & Neom Sites
<i>RABIGH OPERATIONS &amp; MAINTENANCE COMPANY LTD. (ROMCO)</i>	Providing Radiography Testing Services @ Rabigh
<i>Mutlaq Al-Ghowari Contracting Co.</i>	Providing NDT, PQR (Welding Procedure Qualification) & WQT Inspection Services at Neom Water Transmission System Project for SWCC
<i>Anabeeb</i>	Providing NDT & HT Services at SASREF
<i>TEKFEN Construction &amp; Installation Co. Inc.</i>	Providing NDT Services for Aramco Field Gas Compression Haradh (Satellite) Project in Haradh and Hawiyah Field
<i>NESMA &amp; PARTNERS CONTRACTING CO.LTD.</i>	Providing NDT & PWHT Services for Aramco Water Handling Debottlenecking at South Ghawar
<i>M.S.Al.Suwaidl Industrial Services Co.Ltd.</i>	Providing NDT Services for all projects throughout the Kingdom of Saudi Arabia (Eastern, Central and Western Regions)
<i>Saipem Taqa Al Rushaid Fabricators Co. Ltd.</i>	Providing NDT Services - BERRI/KJO & MARJAN Project
<i>Engineering For The Petroleum and Process Industrie (Enppi)</i>	Providing NDT and PWHT Services at Abqaiq

## 11. Personnel Documents

### Loay Gamaleldeen Saad - Resume

<i>Saudi Arabian Kentz Co. Ltd.</i>	Providing Radiographic Testing Services at Ghazal-Khuraish
<i>Saudi Aramco</i>	Providing Radioactive ISO TOPES for Saudi Aramco
<i>NESMA &amp; PARTNERS CONTRACTING CO.LTD.</i>	Providing NDT & PWHT Services For Saudi Aramco GOSP 3 Upgrade Water Handling Project at Hawiyah
<i>Saudi Aramco</i>	Providing NDT Services at Master Gas Station
<i>Saudi Services For Electro Mechanical Works Co</i>	Providing NDT Services at Energy Industrial City, Dammam
<i>MIS Arabia</i>	Providing NDT Services for Ibn Al Baytar / Safco/ Sabic, at Jubail
<i>Saudi Intermaint Co. Ltd.</i>	Providing Radiography Testing Services at Yanbu
<i>Salim M. Al-Joab &amp; Partners Co.</i>	Providing NDT and PWHT Services at Abqaiq
<i>Bin Quraya Holding Company</i>	Providing NDT and PWHT Services at Haradh
<i>Mutlaq Al-Ghowari Contracting Co.</i>	Providing NDT, PQR & WQT Inspection Services at Hafr AL Batin & Al Taif
<i>Saudi Aramco</i>	Providing NDT Services at Khuraish.
<i>Metscco Heavy Steel Industries Co. Ltd.</i>	Providing NDT Services For Water Tanks in Jazan

## 11. Personnel Documents

### Abdelaziz El-Gamal - Resume



**Abdelaziz Adel El Gamal**  
**Projects Manager**

**Personal Information:**

Date of Birth: 08/05/1991    Iqama No.: 2375462195    Nationality: Egyptian  
Driving License: Yes    Blood Group: B+    Experience: 08 Years

**Education:**

**Bachelor Degree in Material Science and Metallurgical Engineering**

**Qualifications:**

Certification	Certification Level	Certified By
Project Management Professional (PMP)	-	PMI
PMI Risk Management Professional (PMI-RMP)	-	PMI
API 510, 570 & 577	-	API
CSWIP 3.1 Welding Inspector	3.1	CSWIP-TWI
CSWIP Automatic UT Data Interpreter – (CSWIP AUTDI)	-	CSWIP
Radiation Safety Officer (RSO)	-	KACARE, KSA
OSHA 30	-	IASP
<b>Non-destructive testing</b>	ASNT - II	SOGEC
<ul style="list-style-type: none"><li>• Radiographic Testing (RT)</li><li>• Ultrasonic Testing (UT)</li></ul>	<ul style="list-style-type: none"><li>• Magnetic Testing (MT)</li><li>• Penetrant Testing (PT)</li></ul>	
Lean Six Sigma	Green Belt	American University in Cairo
Lean Six Sigma	Yellow Belt	American University in Cairo





### Experience:

#### 1- Specialized Oil & Gas Engineering Co. LTD. (KSA)

Company	From	To	Title	Method
SOGEC	2014	Present	Project Manager	RT, MT, PT, UT

- A. Project Manager (April 2021 till Present)
- B. Senior Project Engineer (June 2017 – Apr 2021)
- C. Project Engineer (Nov 2014 – Jun 2017)

### Duties & Projects:

- Handling inspection Projects with Saudi Aramco.
- Managing Shutdowns Advanced & Conventional NDT.
- Site Supervisor
- Organizing The Technicians on Site as per the requirements.
- Develops the projects start up "check list" that includes but not limited to: organization charts, mobilization plan, BOQ, administrative requirements, schedules, submittals, QC plan safety plan.
- Coordination of all NDT activities at site and during execution stage with the consultants within the contract requirements.
- Attend to Job-Explanation Meeting/site visit and technical clarifications meeting.
- Assist Estimation Department in properly estimating Project Quote.
- Prepares cash flow and prepares site reports.
- Prepare specialized procedure/ method of statements/ JRA /HSE for the job in compliance with Client.
- Helps support and coordinates efforts including job pre-planning, job set-up, crew assignments, and change order.
- Plan equipment, resources and manpower required for executing the Job in an efficient and cost effective manner.

## 11. Personnel Documents

### Ram Bharath - Resume



**Ram Bharat Ram Badal**  
NDT Level III  
(RSO/RTFI/UT/RT/MT/PT)  
Years of Experience **24**

**Personal Information:**

**Date of Birth:** 04/07/1972    **Iqama No.:** 2411195288    **Nationality:** Indian  
**Driving License:** Yes    **Blood Group:** B-    **Experience:** 24 Years

**Education:**

Bachelor of Science in Mathematics.

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**Qualifications:**

Certification	Certification Level	Certified By
PT, MT, RT, UT, VT & ET	ASNT NDT - III	ASNT
RSO	NA	NRRC, Saudi Arabia
Penetrant Testing	NDT - III	SOGEC
Magnetic Particle Testing	NDT - III	SOGEC
Radiographic Testing	NDT - III	SOGEC
Ultrasonic Testing	NDT - III	SOGEC
RTFI	NDT - II	SOGEC

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## 11. Personnel Documents



### Experience:

#### 1-Specialized Oil & Gas Engineering Co. Ltd. (KSA)

Company	From	To	Title	Method
SOGEC	2016	Present	NDT Level III,RSO /NDT Specialist II	PT,MT,RT,UT

### Duties:

- Performing Conventional NDT Techniques (MT, PT, UT and RT) on construction welds/materials and during in-service inspection.
- Evaluation of test results and report preparation.
- Maintain a continual review of Saudi Aramco procedures and standards related to NDT and the application of NDT methods.
- As and when required, provide on -the-job training for other employees and contractor technicians working for Saudi Aramco.
- Attend meetings associated with the Work.
- Conduct activities related to the use, handling, transportation, and storage of radioactive sources in accordance with Saudi Aramco Radiation Protection/ Safety Procedures and National Regulations.
- Conducting Film interpretation of Radiography films according to the acceptance criteria of the specified codes and procedures.
- Conduct radiation safety assessments of field operations, facilities, and documentation to assure compliance with Saudi Aramco radiation safety procedures and National regulations.
- Coordination of radiography in complex environments such as refinery operations.
- Be conversant with and provide advice on the National Regulations and International Standards for radiation safety, and industrial standards for radiography applications such as ASME Section V, ASME Section VIII, ANSI (B31 .1, ANSI B31.3, API 1104, AWS 01.1, etc.

## 11. Personnel Documents



Specialized Oil & Gas Engineering Co. Ltd.



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CONSTRUCTION  
GROUP®

- Administer assigned functions of the Saudi Aramco radiation safety procedures concerning the defined duties and responsibilities of the Radiation Safety Officer.
- Carry out assignments as directed by individual's supervisor and coordination of activities to assure completion.
- Prepare inspection reports and maintain inspection records.
- Ensure proper usage and storage of SAUDI ARAMCO materials.
- Be proficient in the duties and responsibilities of a Radiation Protection Officer as defined by the National Regulations and NDT methods including MT, PT, UT, RTFI and RT.

### 2-AMO & Partners Engineering Company.

(KSA)

Company	From	To	Title	Method
AMO & Partners Engineering company	2013	2015	RSO /NDT Specialist II	MT, PT, RT, Radiation Safety

#### Duties:

- Performing Conventional NDT Techniques (MT, PT and RT) on construction welds/materials and during in-service inspection.
- Evaluation of test results and report preparation.
- Maintain a continual review of Saudi Aramco procedures and standards related to NDT and the application of NDT methods.
- As and when required, provide on -the-job training for other employees and contractor technicians working for Saudi Aramco.
- Conduct radiation safety assessments of field operations, facilities, and documentation to assure compliance with Saudi Aramco radiation safety procedures and National regulations.
- Be proficient in the duties and responsibilities of a Radiation Protection Officer as defined by the National Regulations and NDT methods including MT, PT and RT.

## 11. Personnel Documents



### 3-M/S OMTECH NDT Services Surat, Gujarat.

(India)

Company	From	To	Title	Method
M/S OMTECH NDT Services Surat, Gujarat	2012	2013	NDT Technician	MT, PT, RT

#### Duties & Projects:

- Performing Conventional NDT Techniques (MT, PT and RT) on construction welds/materials and during in-service inspection.
- Evaluation of test results and report preparation.

### 4-Specialized Oil & Gas Engineering Co. Ltd.

(KSA)

Company	From	To	Title	Method
SOGEC	2007	2012	NDT Technician	MT, PT, RT

#### Duties & Projects:

- Performing Conventional NDT Techniques (MT, PT and RT) on construction welds/materials and during in-service inspection.
- Evaluation of test results and report preparation.

### 5-M/S Gammax services, Borivali West.

(India)

Company	From	To	Title	Method
M/S Gammax services, Borivali West	2005	2007	NDT Technician	MT, PT, RT



## 11. Personnel Documents



### Duties & Projects:

- Performing Conventional NDT Techniques (MT, PT and RT) on construction welds/materials and during in-service inspection.
- Evaluation of test results and report preparation.

### 6-Gulachi Engineers Pvt. Ltd. Okhla New Delhi.

(India)

Company	From	To	Title	Method
Gulachi Engineers Pvt. Ltd. Okhla New Delhi	1998	2005	NDT Technician	MT, PT, RT

### Duties & Projects:

- Performing Conventional NDT Techniques (MT, PT and RT) on construction welds/materials and during in-service inspection.
- Evaluation of test results and report preparation.
- Co-ordination with several Third party
- Inspection agencies such as SGS, BVIS, EIL, DNV etc.
- Commissioning and maintaining X-Ray/gamma ray machine.
- Responsibilities of all radiation safety activities and related equipment's, documentation and safety-training program.

## 11. Personnel Documents

### Rupesh Nair - Resume

#### Rupesh Nair

Technical Manager - NDT

Salman Al Farisi St, Al Khalidiyah, Dammam  
Direct: +966 (013) 892 3735  
[rupesh.nair@ikkgroup.com](mailto:rupesh.nair@ikkgroup.com)



Skilled and experienced NDT Level III with expertise in conventional and advanced NDT. More than 20 years' experience in Training, NDT/Inspection and Operations in oil and gas, petrochemical, nuclear and fabrication sectors.

Proven track record of managing teams of inspection personnel in construction, operation & maintenance and shutdown jobs. Conversant with the applicable standards and implementation of the same in NDT and Inspection. Hands on experience in Conventional and Advanced NDT methods – Tube inspection, MFL, OCTG and BHA inspection. Has been working as NDT Instructor for conducting conventional and advanced methods/techniques for companies and NDT College graduates. Well experienced with NDT training and certification, procedure/technique development and NDT audits.



#### Work History

2023 - Current	<b>Technical Manager / NDT level III</b> Specialized Oil & Gas Engineering Company (Sogec), Dammam, Saudi Arabia
2009 - 2022	<b>NDT Instructor</b> Jubail Industrial College, Saudi Arabia
2008 - 2009	<b>Operations Supervisor / Radiation Protection Officer</b> AXIS Inspection Technologies, Khobar, Saudi Arabia
2007 - 2007	<b>NDT Inspector / NDT Instructor</b> HAINSCO, Khobar, Saudi Arabia
2007 - 2007	<b>OCTG / BHA Inspector</b> Special Oilfield Services, Muscat, Oman
2004 - 2006	<b>NDT Inspector</b> HAINSCO, Khobar, Saudi Arabia
2003 - 2004	<b>NDT Inspector</b> InjoTech, Pune ,Mumbai,India
2001 - 2003	<b>Junior Inspector</b> PLEXTECH Inspection Technologies, Mumbai, India



## Education

### B.Sc. Physics

Kerala University, Kerala, India



## Industry Credentials

### American society for Non-Destructive Testing (ASNT)

ASNT NDT Level III in UT, MT, PT, ET (ID #182806)

### BS EN ISO 9712

Certified Level 2 in Phased Array Ultrasound Testing (PAUT)

Certified Level 2 in Time Of Flight Diffraction (TOFD)

Certified Level 2 in AUT- Data Interpretation

### Olympus NDT, Canada

ECT / RFT / MFL / IRIS Using MS 5800



## Key Projects

Key projects are listed below, level of involvement varies from Training, NDT inspection, Supervision, Coordination, planning and auditing.

Timeline	Activities
2023	Technical support for operational activities in Tube Inspection and Advanced NDT.
2023	Procedure preparation meeting the client scope in PAUT & ToFD.
2019	Coordinated all program level activities for the ABET accreditation and re-accreditation processes.
2015-21	Program coordinator for AWS CWI Seminars & Examination.
2015-21	AWS approved test supervisor for AWS examination Schedules at JIC.
2014-15 2018-19	Course Director for NDTEET Diploma Program
2014-15	Mechanical Department Council member

## 11. Personnel Documents

### Rupesh Nair - Resume

2018-19	
2014-15 2018-19	Chairman for Program Advisory and Evaluation Committee.
2013	Deputy to NDT Director.
2013-14	Member of Faculty Job Application evaluation Committee.
2013-14	Member of Assessment & ABET Steering Committee
2012-13	Member of NDTE committee in developing the Associate of Science in Non Destructive and Evaluation Engineering Technology.
2010-21	NDT Instructor for heat exchanger tube Inspection & Conventional NDT; UT, RT, VT, MT, PT, ET.
2010	Developed inhouse course material for VT, Radiation safety, NDT Codes and Standards, Eddy Current Testing.
2010	Assigned as RPO for X-Ray enclosure approvals and Radiographic activities.
2009	Initiated BINDT Accreditation process
2008-09	AXIS: Regular operational activities & instructor for UT & ET, on call basis by ARAMCO Inspection Department.
2007	SOS OMAN: Inspection of drill pipe, Rig mast accessories, Bottom Hole Kelly assemblies, Fishing tools using wet visible, wet fluorescent MPI & visual methods.
2007	Oman Refinery: Inservice tube inspection using IRIS, MFL, ET, RFT
2006	RELIANCE: AUT of 48"/30" pipeline joints at Eluru Andrapradesh & Valsad, Gujarat
2006	BAPCO: On stream thickness gauging of tank shell using UT squirter method at Sitra & Awali
2006	BAPCO: Verifying with UT the thickness reduction in bottom sketch plates and annular plates of tanks detected by MFL and inaccessible areas.
2006	SAUDI ARAMCO: UT SW technician for bulk plants under ER/CR distribution division, Riyadh
2006	SECO Gazhlan, Qurrayah: UT SW Weld inspection, Thickness gauging, Crack depth measurement, for power pipings.
2005	SAMAD: Inservice inspection of heat exchanger tubes using RFT & MFL
2005	SABIC: Inservice inspection of heatexchanger tubes.
2005	Khafji Joint Operations: Inservice inspection using ET, IRIS, MFL, RFT for cooler and pre heater tubes at Desalter Unit during Phase 3 & 6 overhauls.

## 11. Personnel Documents

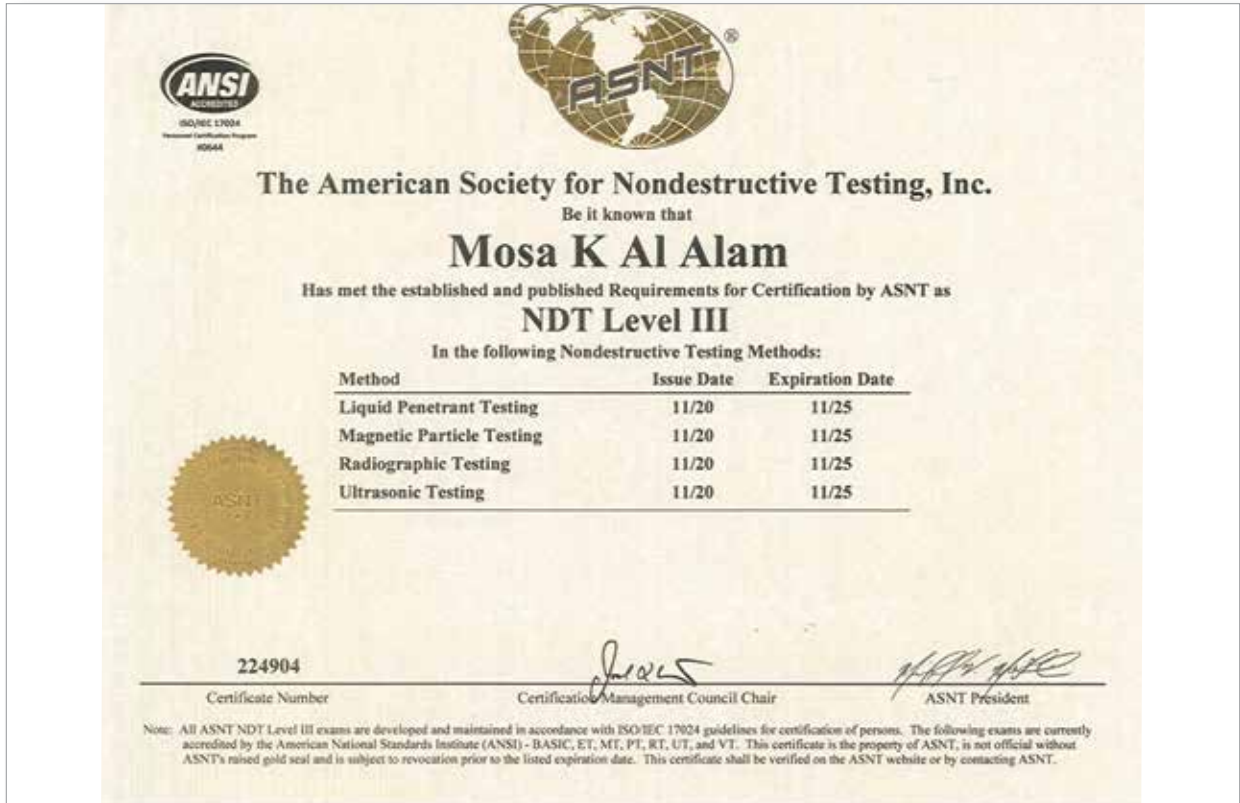
### Rupesh Nair - Resume

2004	<i>HAINSCO: Instructor for training Saudi nationals to be seconded to SAUDI ARAMCO</i>
2004	<i>HAINSCO: Operational activity for scheduling and tracking certification status.</i>
2004	<i>Rastanura Refinery,SECO power plant: PMI for pipings and homogeny of weld and bas metal composition</i>
2004	<i>Barath Forge Ltd,Satara : Wet Visible MPI &amp; Visible PT on all structural Joints.</i>
2004	<i>Barath Forge Ltd,Satara . : UT Shear wave of structural joints,wind mill compenents,Stator Carrier , Main Carrier.</i>
2004	<i>Walchandnagar Industries Ltd, Satara: UT of castings, Cross Beams &amp; Main Beams</i>
2003	<i>Jayaprakash Industries Ltd, Jammu: UT Shear wave inspection of ferrules with backing strip at Baghliar Hydro electric project Chanderkote.</i>
2003	<i>Cummins Ltd., Pune : UT for Rotor Shaft</i>
2003	<i>L &amp; T Niro, Hazira : Butt weld inspection of pressure vessels at fabrication stage.</i>
2003	<i>Gujarat Petronet Ltd.: UT shear wave of pipeline joints.</i>
2003	<i>L &amp; T Powai: Automated UT of butt welds in pressure vessels at fabrication stage.</i>
2003	<i>L &amp; T Hazira: ToFD demonstration in pressure vessel joints</i>
2003	<i>Tarapur Atomic Power Station: Fiberoscopy of Heat Exchanger tubes.</i>
2002	<i>TAPP 3 &amp; 4 : Bonding gap estimation between SS-Cd-SS sandwiched pipe used as control rods</i>
2002	<i>Tarapur Atomic Power Station: TAPP 3 &amp; 4 Garter Spring location identification of Calendria tubes</i>
2002	<i>Chandrapura Thermal Power Station: Heat exchanger tube inspection</i>
2002	<i>Tao Devlal Thermal Power Station,Panipat: Condensor tube inspection</i>
2001	<i>L &amp; T Powai : Pre service inspection of Heat Exchanger tubes</i>
2001	<i>BHEL Bopal: Pre service inspection of Heat Exchanger tubes, Condenser tubes</i>
2001	<i>Ratnamani Tubes : Loose tubes inspection using encircling coil.</i>
2001	<i>Godrej &amp; Bryce Vikroli : Pre service inspection of Heat Exchanger tubes</i>
2001	<i>Tao Devlal Thermal Power Station: Videoscopy of Boiler tubes as a part of RLA.</i>



## 11. Personnel Documents

### 11.4. NDT Team Certificates of Qualifications



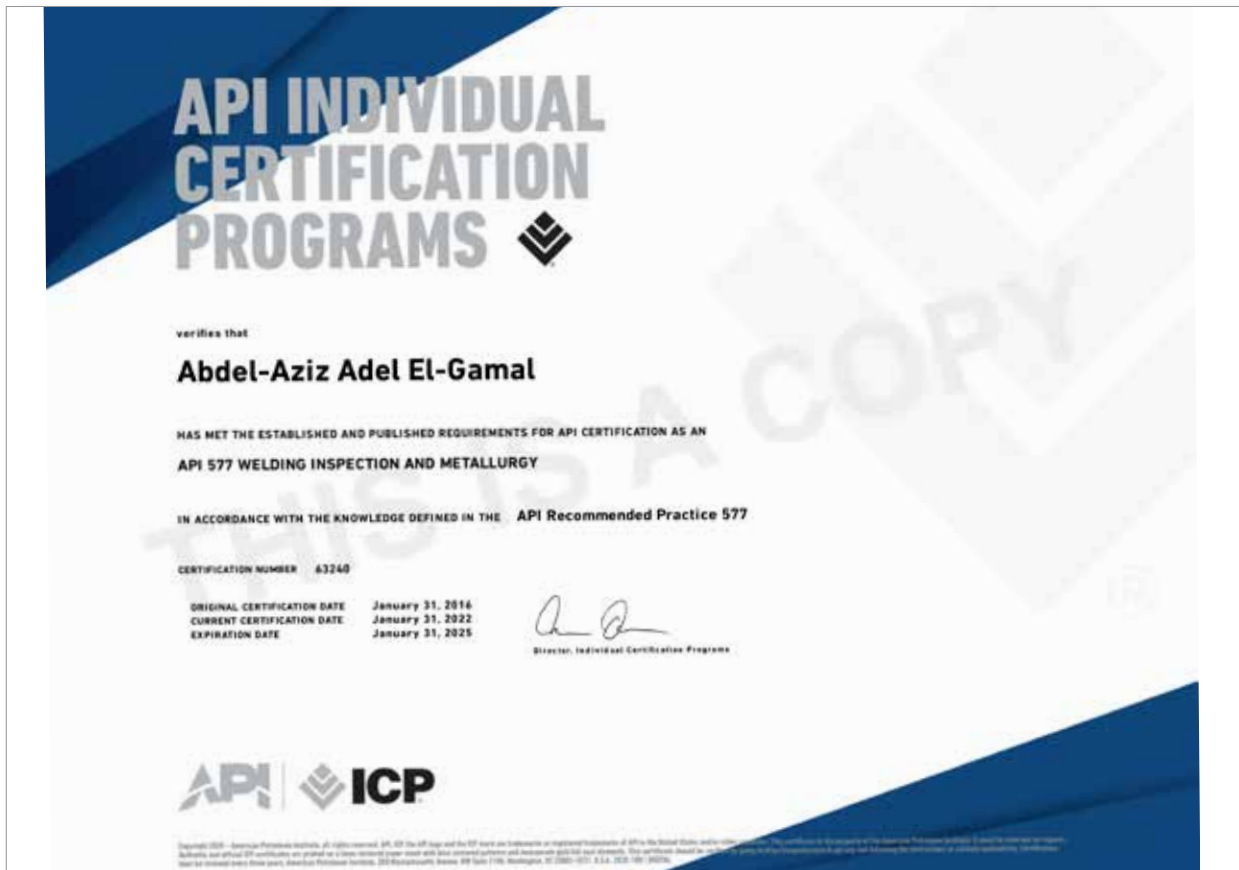
## 11. Personnel Documents







## 11. Personnel Documents

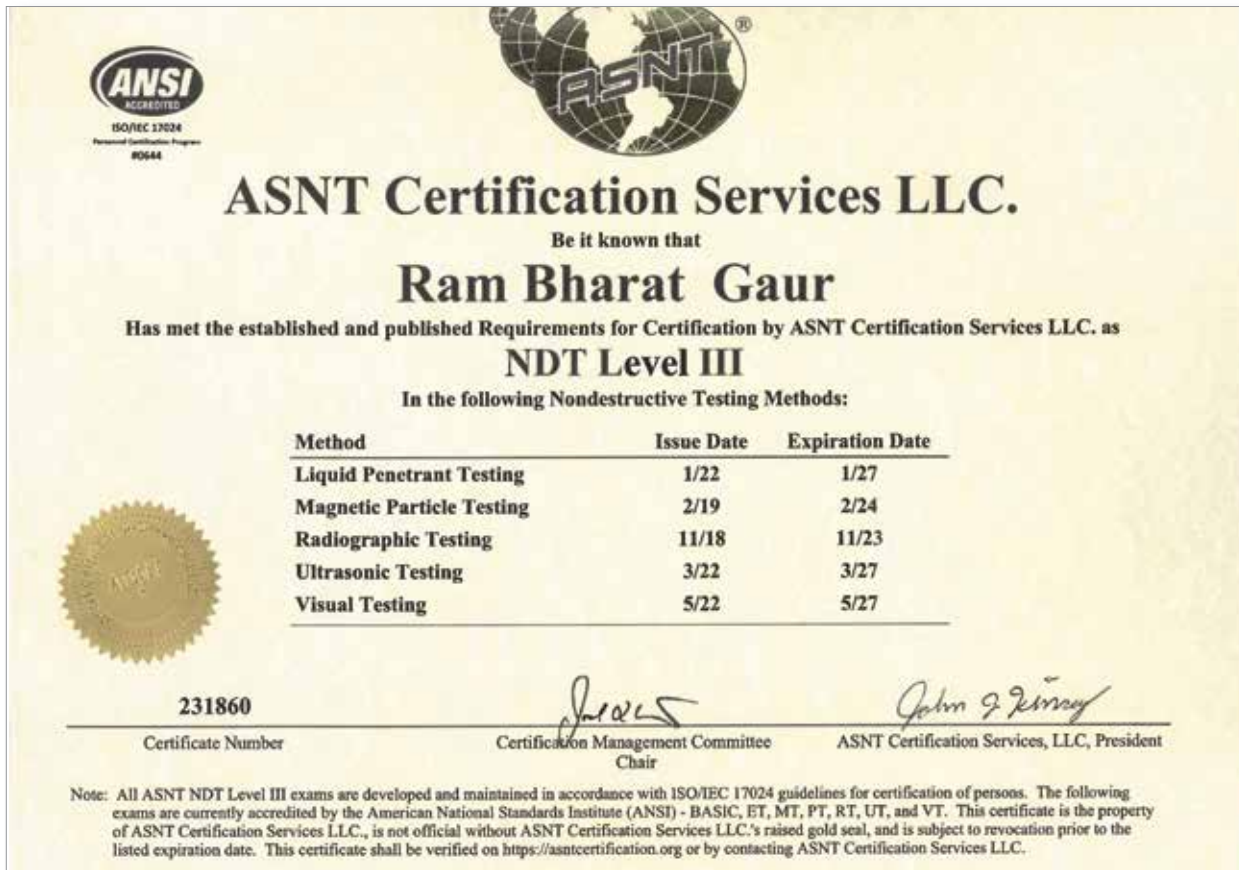


## 11. Personnel Documents

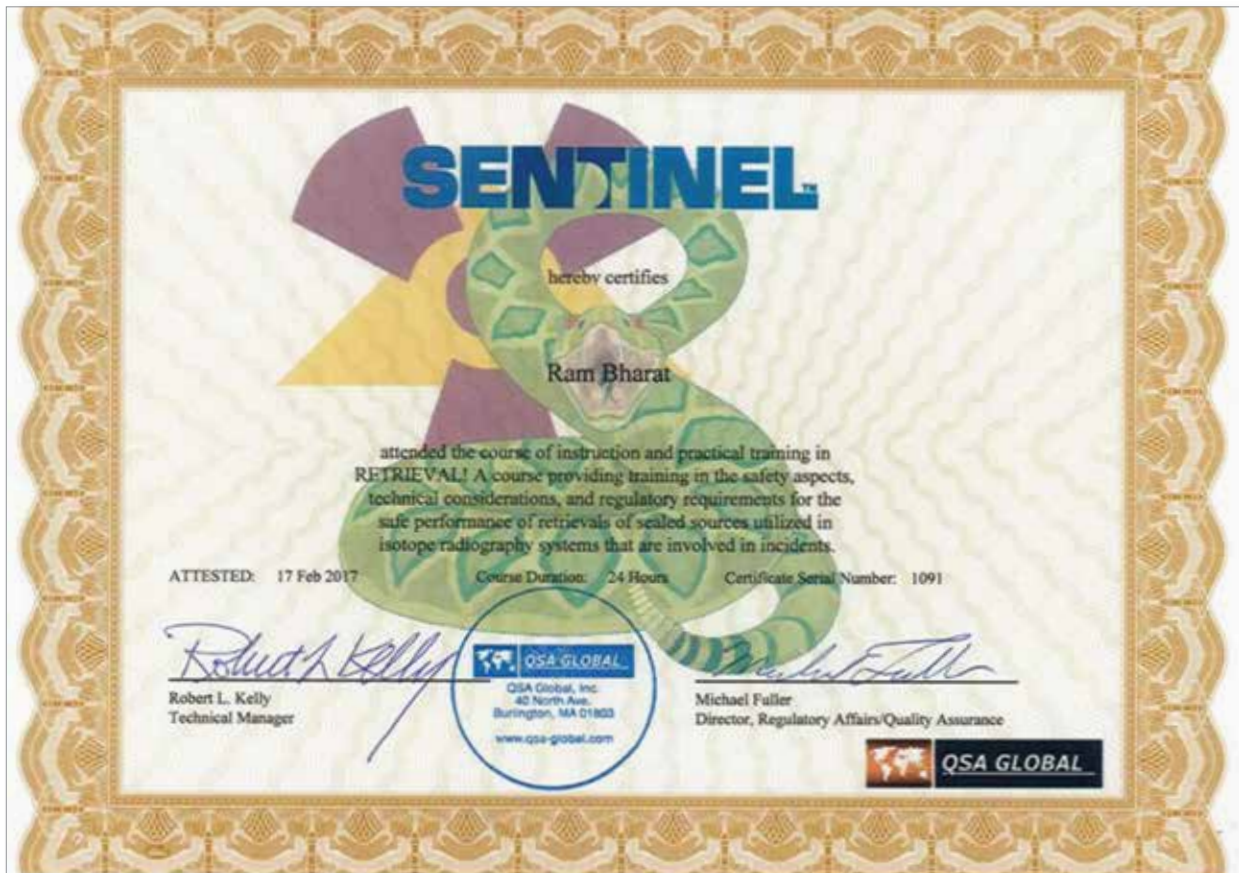




## 11. Personnel Documents

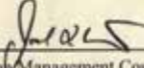


## 11. Personnel Documents





## 11. Personnel Documents

																
<b>The American Society for Nondestructive Testing, Inc.</b> Be it known that <b>Rupesh Nair</b> Has met the established and published Requirements for Certification by ASNT as <b>NDT Level III</b> In the following Nondestructive Testing Methods:																
	<table border="1" style="width: 100%; border-collapse: collapse;"><thead><tr><th style="text-align: left;">Method</th><th style="text-align: center;">Issue Date</th><th style="text-align: center;">Expiration Date</th></tr></thead><tbody><tr><td>Electromagnetic Testing</td><td style="text-align: center;">4/21</td><td style="text-align: center;">4/26</td></tr><tr><td>Liquid Penetrant Testing</td><td style="text-align: center;">4/21</td><td style="text-align: center;">4/26</td></tr><tr><td>Magnetic Particle Testing</td><td style="text-align: center;">4/21</td><td style="text-align: center;">4/26</td></tr><tr><td>Ultrasonic Testing</td><td style="text-align: center;">4/21</td><td style="text-align: center;">4/26</td></tr></tbody></table>	Method	Issue Date	Expiration Date	Electromagnetic Testing	4/21	4/26	Liquid Penetrant Testing	4/21	4/26	Magnetic Particle Testing	4/21	4/26	Ultrasonic Testing	4/21	4/26
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Liquid Penetrant Testing	4/21	4/26														
Magnetic Particle Testing	4/21	4/26														
Ultrasonic Testing	4/21	4/26														
<b>182806</b> Certificate Number	 Certification Management Council Chair	 ASNT President														
<small>Note: All ASNT NDT Level III exams are developed and maintained in accordance with ISO/IEC 17024 guidelines for certification of persons. The following exams are currently accredited by the American National Standards Institute (ANSI) - BASIC, ET, MT, PT, RT, UT, and VT. This certificate is the property of ASNT, is not official without ASNT's raised gold seal and is subject to revocation prior to the listed expiration date. This certificate shall be verified on the ASNT website or by contacting ASNT.</small>																

**CERTIFICATE OF QUALIFICATION**

Certificate No : SOGEC/PT/5512

Certification Date: 21/07/2020

*This is to certify*

**Mr. Mosa Al Alam, ID # 5512**

has met the minimum training and experience requirements and has qualified according to the requirements of our Company's Written Practice QEA-01 for personnel Qualification and Certification based on ASNT Standard ANSI/ASNT CP-189, 2011 Edition. He is hereby certified to:

**NDT LEVEL : III**

**Method: Penetrant Testing (PT)**

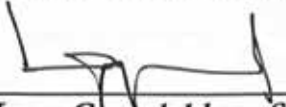
<b>Examination results</b>	
General Theory	82.50%
Specific Theory	85.00%
Practical	84.00%
Composite Grade	83.83%

<b>Visual Examination Results</b>	
Vision Acuity (Right Eye)	<b>J1</b>
Vision Acuity (Left Eye)	<b>J1</b>
Colour Vision	<b>Normal</b>
Shades of Grey	<b>Normal</b>

<b>Certification Validity</b>	
Date of Certification	21/07/2020
Certification Expiry	20/07/2025

<b>Initial Certification Reference (Applicable only for 5 year recertification)</b>	
Initial Certification No.	PT/239/13-R1

This certificate is valid for a maximum period of 5 years and at the discretion of the employer this certificate may be extended (recertified) or revoked. This certificate shall be deemed revoked when employment is terminated.

  
**Loay Gamaledeen Saad**  
**SOGEC NDT Level III**  
**RT,UT,MT,PT & VT**  
**ASNT ID# 184049**



This certificate has been issued in continuation and as replacement to the initial certificate

CERTIFICATE OF QUALIFICATION

Certificate No : SOGEC /UT/5512

Certification Date: 19/07/2020

*This is to certify*

**Mr. Mosa Al Alam , ID# 5512**

has met the minimum training and experience requirements and has qualified according to the requirements of our Company's Written Practice QEA-01 for personnel Qualification and Certification based on ASNT Standard ANSI/ASNT CP-189, 2011 Edition. He is hereby certified to:

**NDT LEVEL : III**

**Method: Ultrasonic Testing (UT)**


<b>Examination results</b>	
General Theory	85.00%
Specific Theory	85.00%
Practical	84.00%
Composite Grade	84.67%

<b>Visual Examination Results</b>	
Vision Acuity (Right Eye)	<b>J1</b>
Vision Acuity (Left Eye)	<b>J1</b>
Colour Vision	<b>Normal</b>
Shades of Grey	<b>Normal</b>

<b>Certification Validity</b>	
Date of Certification	<b>19/07/2020</b>
Certification Expiry	<b>18/07/2025</b>

<b>Initial Certification Reference</b> (Applicable only for 5 year recertification)	
Initial Certification No.	<b>UT/5512-R1</b>

This certificate is valid for a maximum period of 5 years and at the discretion of the employer this certificate may be extended (recertified) or revoked. This certificate shall be deemed revoked when employment is terminated.

  
**Loay Gamaleldeen Saad**  
**SOGEC NDT Level III**  
**RT,UT,MT,PT & VT**  
**ASNT ID# 184049**



This certificate has been issued in continuation and as replacement to the initial certificate





**CERTIFICATE OF QUALIFICATION**

Certificate No : SOGEC /RTFI/5512 R2

Certification Date: 15/08/2020

*This is to certify*

**Mr. Mosa Al Alam, ID# 5512**

has met the minimum training and experience requirements and has qualified according to the requirements of our Company's Written Practice QEA-01 for personnel Qualification and Certification based on ASNT Standard ANSI/ASNT CP-189, 2011 Edition. He is hereby certified to:

**LEVEL : II**

**Method: Radiographic Film Interpretation (RTFI)**

<b>Examination results</b>	
General Theory	85.00%
Specific Theory	85.00%
Practical	84.00%
Composite Grade	84.66%

<b>Visual Examination Results</b>	
Vision Acuity (Right Eye)	<b>JI</b>
Vision Acuity (Left Eye)	<b>JI</b>
Colour Vision	<b>Normal</b>
Shades of Gray	<b>Normal</b>

<b>Certification Validity</b>	
Date of Certification	<b>15/08/2020</b>
Certification Expiry	<b>14/08/2025</b>

<b>Initial Certification Reference (Applicable only for 5 year recertification)</b>	
Initial Certification No.	<b>RT/239/13</b>

This certificate is valid for a maximum period of 5 years and at the discretion of the employer this certificate may be extended (recertified) or revoked. This certificate shall be deemed revoked when employment is terminated.

*Saju Xavier*  
**Saju Xavier**  
**SOGEC NDT Level III**  
**RT,UT,MT,PT,ET&ML**  
**ASNT ID# 186000**



This certificate has been issued in continuation and as replacement to the initial certificate



**CERTIFICATE OF QUALIFICATION**

Certificate No : SOGEC /RTFI/5512 R2

Certification Date: 15/08/2020

*This is to certify*

**Mr. Mosa Al Alam, ID# 5512**

has met the minimum training and experience requirements and has qualified according to the requirements of our Company's Written Practice QEA-01 for personnel Qualification and Certification based on ASNT Standard ANSI/ASNT CP-189, 2011 Edition. He is hereby certified to:

**LEVEL : II**

**Method: Radiographic Film Interpretation (RTFI)**

<b>Examination results</b>	
General Theory	85.00%
Specific Theory	85.00%
Practical	84.00%
Composite Grade	84.66%

<b>Visual Examination Results</b>	
Vision Acuity (Right Eye)	<b>JI</b>
Vision Acuity (Left Eye)	<b>JI</b>
Colour Vision	<b>Normal</b>
Shades of Gray	<b>Normal</b>

<b>Certification Validity</b>	
Date of Certification	<b>15/08/2020</b>
Certification Expiry	<b>14/08/2025</b>

<b>Initial Certification Reference (Applicable only for 5 year recertification)</b>	
Initial Certification No.	<b>RT/239/13</b>

This certificate is valid for a maximum period of 5 years and at the discretion of the employer this certificate may be extended (recertified) or revoked. This certificate shall be deemed revoked when employment is terminated.

*Saju Xavier*  
**Saju Xavier**  
**SOGEC NDT Level III**  
**RT,UT,MT,PT,ET&ML**  
**ASNT ID# 186000**



This certificate has been issued in continuation and as replacement to the initial certificate

## 11. Personnel Documents

**SAUDI ARAMCO**  
**INSPECTION DEPARTMENT**  
Inspection Technical Support Division  
CNDT & PS Unit  
Dhahran Bldg. 2280 R-241 Tel +966 3 872-0253 Fax +966 3 872-0633

### DOCUMENT REVIEW REPORT

<b>Date:</b>	08/05/2019	<b>Ref.:</b> 70
<b>WBS #</b>	10-01443-0001-090	<b>Project Title:</b> Reroute Pipelines at RT Area
<b>Document Ref.:</b>	CRM# 4042656124	<b>NDT company:</b> SOGEC
<b>Prime contract</b>	BRANCH OF CHINA PETROLEUM PIPELINE ENGINEERING CO., LTD	This approval does not include RTFI & AUT
<b>Comments</b>		
<p><b>Mr. Loay Gamaledeen Saad ASNT # 184049</b> is approved as prime contractor's NDT Level III.</p> <ul style="list-style-type: none"><li>Responsibility of the contactor's NDT Level III will be as follow:</li></ul> <ol style="list-style-type: none"><li>Establishing, and maintaining company Written Practice for training, qualification and certification of NDT personnel.</li><li>Review NDT procedures received from sub-contractors third party agencies prior to submitting for Saudi Aramco approvals.</li><li>Review, approve and sign-off NDT procedures from IK &amp; OOK Vendors and sub-contractor NDT providers.</li><li>Monitoring and controlling NDT activities of sub-contractor NDT companies working on this project.</li></ol> <p><b>Note:</b> This appointment is based on satisfactory review of prime contractor letter of appointment provided confirmation for the conflict of interest clause, qualification records, ASNT NDT Level III certifications and work history in accordance with SAEP 1142 and ANSI/ASNT/CP-189.</p> <p><b>Reviewer Name:</b> Nasar Masood ASNT NDT Level III-99563</p> <p style="text-align: right;"><b>signature:</b> </p>		
NOTE: PID/VID/PMT is responsible for defining/confirming the scope of work as per the approved design. Original copy saved		
End of Comments		

August 5, 2019

Page 1 of 1



11. Personnel Documents



الشركة السعودية لخدمات الاعمال الكهربائية والميكانيكية  
 Saudi Services for Electro Mechanic Works Co.  
 Closed Joint Stock Company شركة مساهمة مغلقة

Phone: +966 11 4227 1000 Fax: +966 11 4227 1000  
 Date: October 23, 2019  
 Ref.: SSEM-19-826-MAS

**Subject: Authorization Letter for NDT Level III (Loay Gamaleldeen Saad) for BI 10-02177-0003**

To,  
 Loay Gamaleldeen Saad,

You are hereby authorized as NDT Level III for Saudi Services for Electro Mechanic Works Co. (SSEM) and you will be the responsible person ensuring the compliance of the same in accordance with respective technical standards & specification with Aramco requirements & company written practice.

Your responsibilities will include,

- Reviewing of Non-Destructive Testing (NDT) Procedure for Vendor/Manufacturer(s) during procurement (Manufacturing) Stage ONLY.
- Site technical support (If required) related to the same procedure ONLY.
- In the event that you are approved by Client - Saudi Aramco - you shall have no relationship, direct or indirect, with any provided NDT Services related to same Vendor/Manufacturer(s) being reviewing their procedure.

*AS*

Wishing you good luck,

With Regards,

Saudi Services for Electro Mechanic Works Co.

Received and acknowledge by:

*[Signature]*  
**Moath Al-Sohaibani**  
 General Manager



*[Signature]*  
**Loay Gamaleldeen Saad**  
 NDT-Level III



## 11. Personnel Documents

**SAUDI ARAMCO**  
**INSPECTION DEPARTMENT**  
 Inspection Technical Support Division  
 CNDT & PS Unit

Dhahran Bldg. 2280 R-241 Tel +966 3 872-0253 Fax +966 3 872-0633

### DOCUMENT REVIEW REPORT

<b>Date:</b>	12/14/2020	<b>Ref:</b> 109		
<b>WBS #</b>	11-19000-9751 ,11-20000-0863 ,11-20000-0817 & various	<b>Project Title:</b>	SA2 -Nesma	
<b>Document Ref.:</b>	CRM-4043393721	<b>NDT Company</b>	Sogec	
<b>Prime contractor</b>	Nesma	<b>Manufacturer</b>		

#### Comments

1- Loay Gamaleldeen Saad ASNT # 184049 approved as prime contactor's NDT Level III(UT,PT,MT,RT,VT).

• Responsibilities of the contactor's NDT Level III will be as follow:

- 1, Establishing, and maintaining prime contractor's Written Practice for training, qualification and certification of NDT personnel.
- 2, Training and certifying prime contractor's NDT personnel as per their WP.
- 3, Review NDT procedures received from sub-contractors third party agencies prior to submitting for Saudi Aramco approvals.
- 4, Review, approve NDT procedures and NDT personnel CVs from IK & OOK Vendors and sub-contractor NDT providers.
- 5, Monitoring and controlling NDT activities of sub-contractor NDT companies working on this project.

Note: This appointment is based on satisfactory review of prime contractor's letter of appointment provided confirmation for the conflict of interest clause, qualification records, ASNT NDT Level III certifications and work history in accordance with SAEP 1142 and ANSI/ASNT CP-189, ANSI/ASNT SNT-TC-1A or ISO 9712.

The approved NDT level III shall have no relation direct or indirect contact with sub-contracted NDT service provider.

**Reviewer Name:**  
 Turki F Alshehri  
 ASNT NDT Level III-227823

**signature:**



**NOTE: PID/VID/PMT is responsible for defining/confirming the scope of work as per the approved design.**

Original copy saved

End of Comments

December 14, 2020

Page 1 of 1

Saudi Aramco: Company General Use





# Certificate of Proficiency

***BS EN ISO 17637 Non-destructive testing of welds, visual testing of fusion-welded joints***

CSWIP CERT NO 356787

This is to certify that:

**Abdelaziz Elgamal**

Date of birth 8 May 1991

has demonstrated proficiency in fusion welding inspection as a Welding Inspector in accordance with the CSWIP requirements published in Document CSWIP-WI-6-92, 15th Edition April 2017 and amendments in force on the examination date.

Date of issue            2 April 2019

Date of expiry            31 January 2024

Signed

(For CSWIP)

SIGNATURE OF HOLDER  
(Person named above)

Date

**NEW EMPLOYERS SHOULD ALWAYS ASK TO SEE THE CERTIFICATE HOLDER'S  
TWI CERTIFICATION LTD IDENTITY CARD, AND VERIFY CERTIFICATE VALIDITY AT [WWW.CSWIP.COM](http://WWW.CSWIP.COM)**

PLEASE READ THE NOTES OVERLEAF

Photocopies are unauthorised by  
TWI Certification Ltd

Issued by:  
TWI Certification Ltd, Granta Park, Great Abington, Cambridge CB21 6AL, UK

The use of the UKAS Accreditation Mark indicates accreditation in respect of those activities covered by Accreditation Certificate No. 025  
This certificate is the property of TWI Certification Ltd and must be surrendered on request



THE AMERICAN UNIVERSITY IN CAIRO

School of Business  
Management Center

*Certificate*  
THIS IS TO CERTIFY THAT

*Abd El- Aziz Adel Abd El- Aziz El Gamal*

has successfully completed the

***Lean Six Sigma Green Belt***

(Continuing Education Units : 4.2)

**From:** June 14, 2014 **To:** September 13, 2014

**INSTITUTE OF QUALITY MANAGEMENT**



Institute Director



October 2014

Date

Participant No. 600131763

MC 14- 0025



THE AMERICAN UNIVERSITY IN CAIRO

School of Business  
Management Center

*Certificate*

THIS IS TO CERTIFY THAT

*Abdel Aziz Adel El Gamal*

has attended the following training course

***Lean Six Sigma Yellow Belt***

From: April 5, 2014 To: May 31, 2014

**INSTITUTE OF QUALITY MANAGEMENT**



June 2014

Date

Participant No. 600131763

MC 14 - 0537



**CERTIFICATE OF QUALIFICATION**

Certificate No : **SOGEC/RT/14762**

Certification Date: **10/05/2022**

*This is to certify*

**Mr. Ram Bharat, ID# 14762**

has met the minimum training and experience requirements and has qualified according to the requirements of our Company's Written Practice QEA-01 Issue 4 Rev 4 for personnel Qualification and Certification based on ASNT Standard ANSI/ASNT CP-189, 2020 Edition. He is hereby certified to:

**NDT LEVEL : III**

**Method: Radiographic Testing (RT)**

<b>Examination results</b>	
General Theory	NA
Specific Theory	90.00%
Practical	NA
Composite Grade	90.00%

<b>Visual Examination Results</b>	
Vision Acuity (Right Eye)	J1
Vision Acuity (Left Eye)	J1
Colour Vision	Normal
Shades of Grey	Normal

<b>Certification Validity</b>	
Date of Certification	10/05/2022
Certification Expiry	09/05/2027

<b>Initial Certification Reference (Applicable only for 5 year recertification)</b>	
Initial Certification No.	RT/E753

This certificate is valid for a maximum period of 5 years and at the discretion of the employer this certificate may be extended (recertified) or revoked. This certificate shall be deemed revoked when employment is terminated.

*Loay Gamaleldeen Saad*  
**SOGEC NDT Level III**  
**RT,UT,MT,PT & VT**  
**ASNT ID# 184049**





**CERTIFICATE OF QUALIFICATION**

Certificate No : SOGEC/PT/14762

Certification Date: 08/05/2022

*This is to certify*

**Mr. Ram Bharat, ID# 14762**

has met the minimum training and experience requirements and has qualified according to the requirements of our Company's Written Practice QEA-01 Issue 4 Rev 4 for personnel Qualification and Certification based on ASNT Standard ANSI/ASNT CP-189, 2020 Edition. He is hereby certified to:

**NDT LEVEL : III**

**Method: Penetrant Testing (PT)**


<b>Examination results</b>	
General Theory	NA
Specific Theory	93.33%
Practical	NA
Composite Grade	93.33%

<b>Visual Examination Results</b>	
Vision Acuity (Right Eye)	J1
Vision Acuity (Left Eye)	J1
Colour Vision	Normal
Shades of Grey	Normal

<b>Certification Validity</b>	
Date of Certification	08/05/2022
Certification Expiry	07/05/2027

<b>Initial Certification Reference (Applicable only for 5 year recertification)</b>	
Initial Certification No.	PT/E753 R1

This certificate is valid for a maximum period of 5 years and at the discretion of the employer this certificate may be extended (recertified) or revoked. This certificate shall be deemed revoked when employment is terminated.

  
**Loay Gamaledeen Saad**  
**SOGEC NDT Level III**  
**RT,UT,MT,PT & VT**  
**ASNT ID# 184049**



**CERTIFICATE OF QUALIFICATION**

Certificate No : SOGEC/MT/14762

Certification Date: 09/05/2022

*This is to certify*

**Mr. Ram Bharat, ID# 14762**

has met the minimum training and experience requirements and has qualified according to the requirements of our Company's Written Practice QEA-01 Issue 4 Rev 4 for personnel Qualification and Certification based on ASNT Standard ANSI/ASNT CP-189, 2020 Edition. He is hereby certified to:

**NDT LEVEL : III**

**Method: Magnetic Particle Testing (MT)**


<b>Examination results</b>	
General Theory	NA
Specific Theory	93.33%
Practical	NA
Composite Grade	93.33%

<b>Visual Examination Results</b>	
Vision Acuity (Right Eye)	J1
Vision Acuity (Left Eye)	J1
Colour Vision	Normal
Shades of Grey	Normal

<b>Certification Validity</b>	
Date of Certification	09/05/2022
Certification Expiry	08/05/2027

<b>Initial Certification Reference (Applicable only for 5 year recertification)</b>	
Initial Certification No.	MT/E753 R1

This certificate is valid for a maximum period of 5 years and at the discretion of the employer this certificate may be extended (recertified) or revoked. This certificate shall be deemed revoked when employment is terminated.

  
**Loay Gamaledeen Saad**  
**SOGEC NDT Level III**  
**RT,UT,MT,PT & VT**  
**ASNT ID# 184049**





**CERTIFICATE OF QUALIFICATION**

Certificate No : **SOGEC/UT/14762**

Certification Date: **11/05/2022**

*This is to certify*

***Mr. Ram Bharat, ID# 14762***

has met the minimum training and experience requirements and has qualified according to the requirements of our Company's Written Practice QEA-01 Issue 4 Rev 4 for personnel Qualification and Certification based on ASNT Standard ANSI/ASNT CP-189, 2020 Edition. He is hereby certified to:

***NDT LEVEL : III***

***Method: Ultrasonic Testing (UT)***


<b>Examination results</b>	
General Theory	NA
Specific Theory	90.00%
Practical	NA
Composite Grade	90.00%

<b>Visual Examination Results</b>	
Vision Acuity (Right Eye)	J1
Vision Acuity (Left Eye)	J1
Colour Vision	Normal
Shades of Grey	Normal

<b>Certification Validity</b>	
Date of Certification	11/05/2022
Certification Expiry	10/05/2027


<b>Initial Certification Reference (Applicable only for 5 year recertification)</b>	
Initial Certification No.	UT/E753 R1

This certificate is valid for a maximum period of 5 years and at the discretion of the employer this certificate may be extended (recertified) or revoked. This certificate shall be deemed revoked when employment is terminated.

  
**Loay Gamaleldeen Saad**  
**SOGEC NDT Level III**  
**RT,UT,MT,PT & VT**  
**ASNT ID# 184049**



## 11. Personnel Documents

	SPECIALIZED OIL & GAS ENGINEERING CO.LTD	SOGEC-TF-015
	<b>CERTIFICATE OF EYE TEST</b>	Issue :1
		Rev : 0

This is to confirm that the individual named below has undergone an eye test in accordance with the requirements of SOGEC-NDT written practice QEA-01 in compliance with ASNT standard ANSI/ASNT CP-189, 2016 Edition.

Name: Mr Ram Bharath

Certification File Number: 14762

Test Description	Test Results
<b>Near Vision Acuity</b> Ability to read Jaeger Number 1 (J1) type and size letter at a distance of not less than 12 inches to assure natural or corrected vision acuity in at least one eye.	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
<b>Color Vision</b> Ability to differentiate colors in Ishihara Test plates 1-7	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
<b>Shades of Gray</b>	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
<b>Test Condition</b>	<input type="checkbox"/> UN CORRECTED <input checked="" type="checkbox"/> CORRECTED

Date of test: 23/01/2023

Date of Expiry: 22/01/2024

Examined By:

Name & Title: Sivaprasad Nair, NDT Instructor

Signature: \_\_\_\_\_






## 11. Personnel Documents

SPECIALIZED OIL & GAS ENGINEERING CO. LTD  
C.R. 2050045985 Membership No. 49487 Capital S.R. 1,250,000  
Cathodic Protection, Non-Destructive Testing & Heat Treatment Division



الشركة المميزة لأعمال البترول والغاز ذ.م.م.  
سنة ٢٠٥٠٠٤٩٨٥ رقم المضيوية ٤٩٤٧ وأن المال ١,٢٥٠,٠٠٠ ر.س  
قسم الحماية الكاثودية، والفحوصات الخيرية التلافية والمعالجة الحرارية

Ref : Appt-2302-01/23  
Date: 23-Feb-2023

### APPOINTMENT OF NDT LEVEL-III

I do hereby appointment Mr. Rupesh Nair as company NDT level III in the following NDT methods in accordance with SOGEC written practice QEA-01, meeting requirements of ASNT-CP189 & ASNT-SNT-TC-1A, 2020 edition.

1. Magnetic Particle Testing
2. Liquid Penetrant Testing
3. Electromagnetic Testing
4. Ultrasonic Testing

Mr. Rupesh Nair is responsible for the Level III job functions as detailed in SOGEC written practice QEA-01.

This appointment is based on the review of his current ASNT Level III certifications (ASNT Ref #182806) and a successful completion of specific examinations in the applicable methods.

The practical examination has been waived based on documented experience including preparation and review of procedures.

This appointment is valid for a period of 5 years from this date subject to validity of Mr. Rupesh Nair's ASNT NDT Level III Certification.

Appointed By:

Waleed Rajab  
General Manager  
SOGEC-NDT

Accepted By:

Rupesh Nair  
ASNT NDT Level III  
(UT, MT, PT, ET)



www.kog.cc

ص.ب ٦٨٩٧ - الدمام ٣١٤٥٢ - المملكة العربية السعودية P. O. Box 6897 - Damman 31452 - Saudi Arabia  
هاتف: ٣٧٧٧ ٨٩٢-١٣-٩٦٦+ - فاكس: ٤٨٤٩ ٨١٤-١٣-٩٦٦+ Tel.: +966-13-892 3777 - Fax +966-13-814 4849  
E-mail: sogecpp.dammam@ikkgroup.com / sogecndt.dammam@ikkgroup.com



www.ikk-group.com





**CERTIFICATE OF QUALIFICATION**

Certificate No : **SOGEC /ET/25835**

Certification Date: **20/02/2023**

*This is to certify*

***Mr. Rupesh Nair, ID# 25835***

has met the minimum training and experience requirements and has qualified according to the requirements of our Company's Written Practice QEA-01 Issue 4 Rev 4 for personnel Qualification and Certification based on ASNT Standard ANSI/ASNT CP-189, 2020 Edition. He is hereby certified to:

***NDT LEVEL : III***

***Method: Eddy Current Testing (ET)***

<b>Examination results</b>	
General Theory	<b>NA</b>
Specific Theory	<b>93.3 %</b>
Practical	<b>NA</b>
Composite Grade	<b>93.3%</b>

<b>Visual Examination Results</b>	
Vision Acuity (Right Eye)	<b>J1</b>
Vision Acuity (Left Eye)	<b>J1</b>
Colour Vision	<b>Normal</b>
Shades of Grey	<b>Normal</b>

<b>Certification Validity</b>	
Date of Certification	<b>20/02/2023</b>
Certification Expiry	<b>19/02/2028</b>

<b>Initial Certification Reference (Applicable only for 5 year recertification)</b>	
Initial Certification No.	<b>NA</b>

This certificate is valid for a maximum period of 5 years and at the discretion of the employer this certificate may be extended (recertified) or revoked. This certificate shall be deemed revoked when employment is terminated.

**Ram Bharat**  
**SOGEC NDT Level III**  
**RT,UT,MT,PT,VT& ET**  
**ASNT ID# 231860**





**CERTIFICATE OF QUALIFICATION**

Certificate No : SOGEC/UT/25835

Certification Date: 20/02/2023

*This is to certify*

**Mr. Rupesh Nair, ID# 25835**

has met the minimum training and experience requirements and has qualified according to the requirements of our Company's Written Practice QEA-01 Issue 4 Rev 4 for personnel Qualification and Certification based on ASNT Standard ANSI/ASNT CP-189, 2020 Edition. He is hereby certified to:

**NDT LEVEL : III**

**Method: Ultrasonic Testing (UT)**

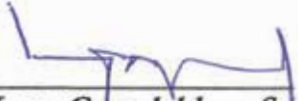
<b>Examination results</b>	
General Theory	NA
Specific Theory	83.3 %
Practical	NA
Composite Grade	83.3%

<b>Visual Examination Results</b>	
Vision Acuity (Right Eye)	J1
Vision Acuity (Left Eye)	J1
Colour Vision	Normal
Shades of Grey	Normal

<b>Certification Validity</b>	
Date of Certification	20/02/2023
Certification Expiry	19/02/2028

<b>Initial Certification Reference (Applicable only for 5 year recertification)</b>	
Initial Certification No.	NA

This certificate is valid for a maximum period of 5 years and at the discretion of the employer this certificate may be extended (recertified) or revoked. This certificate shall be deemed revoked when employment is terminated.

  
**Loay Gamaleldeen Saad**  
**SOGEC NDT Level III**  
**RT,UT,MT,PT&VT**  
**ASNT ID# 184049**







**CERTIFICATE OF QUALIFICATION**

Certificate No : SOGEC/MT/25835

Certification Date: 20/02/2023

*This is to certify*

***Mr. Rupesh Nair, ID# 25835***

has met the minimum training and experience requirements and has qualified according to the requirements of our Company's Written Practice QEA-01 Issue 4 Rev 4 for personnel Qualification and Certification based on ASNT Standard ANSI/ASNT CP-189, 2020 Edition. He is hereby certified to:

***NDT LEVEL : III***

***Method: Magnetic Particle Testing (MT)***

<b>Examination results</b>	
General Theory	NA
Specific Theory	93.3 %
Practical	NA
Composite Grade	93.3%

<b>Visual Examination Results</b>	
Vision Acuity (Right Eye)	J1
Vision Acuity (Left Eye)	J1
Colour Vision	Normal
Shades of Grey	Normal

<b>Certification Validity</b>	
Date of Certification	20/02/2023
Certification Expiry	19/02/2028

<b>Initial Certification Reference (Applicable only for 5 year recertification)</b>	
Initial Certification No.	NA

This certificate is valid for a maximum period of 5 years and at the discretion of the employer this certificate may be extended (recertified) or revoked. This certificate shall be deemed revoked when employment is terminated.

***Loay Gamaleldeen Saad***  
***SOGEC NDT Level III***  
***RT,UT,MT,PT&VT***  
***ASNT ID# 184049***







**CERTIFICATE OF QUALIFICATION**

Certificate No : **SOGEC/PT/25835**

Certification Date: **20/02/2023**

*This is to certify*

***Mr. Rupesh Nair, ID# 25835***

has met the minimum training and experience requirements and has qualified according to the requirements of our Company's Written Practice QEA-01 Issue 4 Rev 4 for personnel Qualification and Certification based on ASNT Standard ANSI/ASNT CP-189, 2020 Edition. He is hereby certified to:

***NDT LEVEL : III***

***Method: Penetrant Testing (PT)***

<b>Examination results</b>	
General Theory	NA
Specific Theory	86.6 %
Practical	NA
Composite Grade	86.6%

<b>Visual Examination Results</b>	
Vision Acuity (Right Eye)	J1
Vision Acuity (Left Eye)	J1
Colour Vision	Normal
Shades of Grey	Normal

<b>Certification Validity</b>	
Date of Certification	20/02/2023
Certification Expiry	19/02/2028


<b>Initial Certification Reference( Applicable only for 5 year recertification)</b>	
Initial Certification No.	NA

This certificate is valid for a maximum period of 5 years and at the discretion of the employer this certificate may be extended (recertified) or revoked. This certificate shall be deemed revoked when employment is terminated.

*Loay Gamaleldeen Saad*  
**SOGEC NDT Level III**  
**RT,UT,MT,PT&VT**  
**ASNT ID# 184049**



## 11. Personnel Documents

	SPECIALIZED OIL & GAS ENGINEERING CO.LTD	SOGEC-TF-015
	<b>CERTIFICATE OF EYE TEST</b>	
		Rev : 0

This is to confirm that the individual named below has undergone an eye test in accordance with the requirements of SOGEC-NDT written practice QEA -01 in compliance with ASNT standard ANSI/ASNT CP-189, 2016 Edition.

Name: Mr. Rupesh Nair

Certification File Number: 25835

Test Description	Test Results
<b>Near Vision Acuity</b> Ability to read Jaeger Number 1 (J1) type and size letter at a distance of not less than 12 inches to assure natural or corrected vision acuity in at least one eye.	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
<b>Color Vision</b> Ability to differentiate colors in Ishihara Test plates 1-7	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
<b>Shades of Gray</b>	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
<b>Test Condition</b>	<input type="checkbox"/> UN CORRECTED <input checked="" type="checkbox"/> CORRECTED

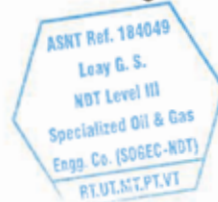
Date of test: 19/02/2023

Date of Expiry: 18/02/2024

Examined By:

Name & Title: Loay Gamaleldeen, NDT Level III

Signature: \_\_\_\_\_



## 11. Personnel Documents

### 11.5. RTFI Cards

**SAUDI ARAMCO**  
INSPECTION  
DEPARTMENT VERIFIES

**771** **Doctor Babu** **2453951275**

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

*Hani Aki*  
ASNT Level III # **168898**  
Supervisor, CNDT&PS Unit, ID

**SOGEC**

METHOD	Level	Expiry Date	771
<input type="checkbox"/> Radiography			
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input checked="" type="checkbox"/> RTFI	<b>2198</b> II	1/12/2026	
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			

**\* This card is to be used only for Operations**

**SAUDI ARAMCO**  
INSPECTION  
DEPARTMENT VERIFIES

**591** **Kalith Abdul Majeeth** **2314860954**

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

*Kalith*  
ASNT Level III # **168898**  
Supervisor, CNDT&PS Unit, ID

**SOGEC**

METHOD	Level	Expiry Date	591
<input checked="" type="checkbox"/> Radiography	II	1/13/2024	
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input checked="" type="checkbox"/> RTFI	<b>2214</b> II	12/14/2026	
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			

**\* This card is to be used only for Operations**

**SAUDI ARAMCO**  
INSPECTION  
DEPARTMENT VERIFIES

**607** **Salah Elsayed** **2230373553**

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

*Salah*  
ASNT Level III # **135155**  
Supervisor, CNDT&PS Unit, ID

**SOGEC**

METHOD	Level	Expiry Date	607
<input type="checkbox"/> Radiography			
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input checked="" type="checkbox"/> RTFI	<b>1881</b> II	4/7/2024	
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			

**\* This card is to be used only for Operations**

**SAUDI ARAMCO**  
INSPECTION  
DEPARTMENT VERIFIES

**655** **Mohammad Iqram** **2311496273**

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

*Mohammad*  
ASNT Level III # **168898**  
Supervisor, CNDT&PS Unit, ID

**SOGEC**

METHOD	Level	Expiry Date	655
<input checked="" type="checkbox"/> Radiography	II	12/11/2023	
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input checked="" type="checkbox"/> RTFI	<b>2186</b> II	12/29/2024	
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			

**\* This card is to be used only for Operations**



# 11. Personnel Documents

**SAUDI ARAMCO**  
INSPECTION  
DEPARTMENT VERIFIES

**559** **Mohd. Al-Shammari** 1055230336

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

*SMA*  
ASNT Level III # 168898  
Supervisor, CNDT&PS Unit, ID



**SOGEC**

METHOD	Level	Expiry Date	559
<input checked="" type="checkbox"/> Radiography	II	11/13/2023	
<input type="checkbox"/> Mag Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input checked="" type="checkbox"/> RTFI	2186 II	12/15/2025	
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			


**\* This card is to be used only for Operations**

**SAUDI ARAMCO**  
INSPECTION  
DEPARTMENT VERIFIES

**731** **Anish Kumar** 2373509584

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

*SMA*  
ASNT Level III # 168898  
Supervisor, CNDT&PS Unit, ID



**SOGEC**

METHOD	Level	Expiry Date	731
<input checked="" type="checkbox"/> Radiography	II	12/29/2024	
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input checked="" type="checkbox"/> RTFI	2212 II	10/17/2026	
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			

**\* This card is to be used only for Operations**

**SAUDI ARAMCO**  
INSPECTION  
DEPARTMENT VERIFIES

**241** **Johnson Cherian J.** 2306738283

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

*SMA*  
ASNT Level III # 168898  
Supervisor, CNDT&PS Unit, ID



**SOGEC**

METHOD	Level	Expiry Date	24
<input type="checkbox"/> Radiography			
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input checked="" type="checkbox"/> RTFI	1739 II	6/14/2026	
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			


**\* This card is to be used only for Operations**

**SAUDI ARAMCO**  
INSPECTION  
DEPARTMENT VERIFIES

**33** **Mohamed Ashif** 2336976051

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

*SMA*  
ASNT Level III # 168898  
Supervisor, CNDT&PS Unit, ID



**SOGEC**

METHOD	Level	Expiry Date	33
<input checked="" type="checkbox"/> Radiography	II	3/14/2027	
<input type="checkbox"/> Mag. Particle			
<input checked="" type="checkbox"/> Ultrasonic	II	2/2/2025	
<input type="checkbox"/> Penetrant			
<input checked="" type="checkbox"/> RTFI	2229 II	4/26/2027	
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			

**\* This card is to be used only for Operations**



# 11. Personnel Documents

**SAUDI ARAMCO**  
INSPECTION  
DEPARTMENT VERIFIES

**797 Jaburullah Mohammed** 2331450136

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

*SMA*   
ASNT Level III # 168898  
Supervisor, CNDT&PS Unit, ID



**SOGEC**

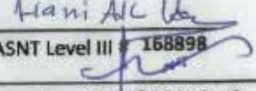
METHOD	Level	Expiry Date	797
<input checked="" type="checkbox"/> Radiography	II	3/8/2026	
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input checked="" type="checkbox"/> RTFI	II	6/6/2026	2203
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			


\* This card is to be used only for Operations

**SAUDI ARAMCO**  
INSPECTION  
DEPARTMENT VERIFIES

**240 Sanal Krishnan** 2273035218

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

*SMA*   
ASNT Level III # 168898  
Supervisor, CNDT&PS Unit, ID



**SOGEC**

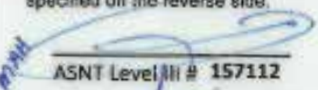
METHOD	Level	Expiry Date	240
<input checked="" type="checkbox"/> Radiography	II	3/23/2026	
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input checked="" type="checkbox"/> RTFI	II	7/25/2026	1902
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			


\* This card is to be used only for Operations

**SAUDI ARAMCO**  
INSPECTION  
DEPARTMENT VERIFIES

**484 Biju Mathew** 2199261476

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

*SMA*   
ASNT Level III # 157112  
Supervisor, CNDT&PS Unit, ID



**SOGEC**

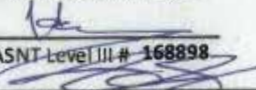
METHOD	Level	Expiry Date	484
<input checked="" type="checkbox"/> Radiography	II	3/22/2027	
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input checked="" type="checkbox"/> RTFI	II	2/25/2025	2192
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			


\* This card is to be used only for Operations

**SAUDI ARAMCO**  
INSPECTION  
DEPARTMENT VERIFIES

**266 Nagarajan S.** 2293336729

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

*SMA*   
ASNT Level III # 168898  
Supervisor, CNDT&PS Unit, ID



**SOGEC**

METHOD	Level	Expiry Date	266
<input type="checkbox"/> Radiography			
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input checked="" type="checkbox"/> RTFI	II	8/1/2026	2066
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			

\* This card is to be used only for Operations

# 11. Personnel Documents

**SAUDI ARAMCO**  
INSPECTION  
DEPARTMENT VERIFIES

**485** **AKM Majidul Haque** 2422929196

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

*ASNT* ASNT Level III # 157112  
Supervisor, CNDT&PS Unit, ID

**SOGEC**

METHOD	Level	Expiry Date	485
<input checked="" type="checkbox"/> Radiography	II	8/17/2027	
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input type="checkbox"/> RTFI			
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			

\* This card is to be used only for Operations

**SAUDI ARAMCO**  
INSPECTION  
DEPARTMENT VERIFIES

**746** **Yaser Ramadan** 2239051499

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

*SMA* *Hani AKL*  
ASNT Level III # 168898  
Supervisor, CNDT&PS Unit, ID

**SOGEC**

METHOD	Level	Expiry Date	746
<input type="checkbox"/> Radiography			
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input checked="" type="checkbox"/> RTFI	2087 II	11/3/2025	
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			

\* This card is to be used only for Projects

**SAUDI ARAMCO**  
INSPECTION  
DEPARTMENT VERIFIES

**533** **Abdulrasheed Kunju** 2440236111

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

*SMA* *Hani AKL*  
ASNT Level III # 168898  
Supervisor, CNDT&PS Unit, ID

**SOGEC**

METHOD	Level	Expiry Date	533
<input checked="" type="checkbox"/> Radiography	II	5/15/2023	
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input checked="" type="checkbox"/> RTFI	2208 II	8/8/2026	
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			

\* This card is to be used only for Operations

**SAUDI ARAMCO**  
INSPECTION  
DEPARTMENT VERIFIES

**149** **Jose Babu** 2455968533

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

*SMA* *Hani AKL*  
ASNT Level III # 168898  
Supervisor, CNDT&PS Unit, ID

**SOGEC**

METHOD	Level	Expiry Date	149
<input checked="" type="checkbox"/> Radiography	II	3/9/2026	
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input checked="" type="checkbox"/> RTFI	2213 II	11/16/2026	
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			

\* This card is to be used only for Operations



## 11. Personnel Documents

**SAUDI ARAMCO**  
INSPECTION  
DEPARTMENT VERIFIES

**1166** **Jai Prakash Bharati** 2432661482

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

AMA  
ASNT Level III # 168898  
Supervisor, NDT&PS Unit, ID

**SOGEC**

METHOD	Level	Expiry Date	1166
<input checked="" type="checkbox"/> Radiography	II	6/16/2027	
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input type="checkbox"/> RTFI			
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			

\* This card is to be used only for Operations

**SAUDI ARAMCO**  
INSPECTION  
DEPARTMENT VERIFIES

**1139** **Rajesh Lama Gole** 2513870374

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

AMA  
ASNT Level III # 168898  
Supervisor, CNDT&PS Unit, ID

**SOGEC**

METHOD	Level	Expiry Date	1139
<input checked="" type="checkbox"/> Radiography	II	8/10/2028	
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input type="checkbox"/> RTFI			
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			

\* This card is to be used only for Operations

**SAUDI ARAMCO**  
INSPECTION  
DEPARTMENT VERIFIES

**921** **Pradip Gurung** 2514237573

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

SMA  
ASNT Level III # 168898  
Supervisor, CNDT&PS Unit, ID

**SOGEC**

METHOD	Level	Expiry Date	921
<input checked="" type="checkbox"/> Radiography	II	7/3/2027	
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input type="checkbox"/> RTFI			
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			

\* This card is to be used only for Operations

**SAUDI ARAMCO**  
INSPECTION  
DEPARTMENT VERIFIES

**895** **Mohammed T. Al-Zrai** 1093131348

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

AMA  
ASNT Level III # 157112  
Supervisor, CNDT&PS Unit, ID

**SOGEC**


METHOD	Level	Expiry Date	895
<input checked="" type="checkbox"/> Radiography	II	4/5/2026	
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input type="checkbox"/> RTFI			
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			

\* This card is to be used only for Operations

## 11. Personnel Documents



**SAUDI ARAMCO**  
 INSPECTION  
 DEPARTMENT VERIFIES



**1021 Shiv Kumar Mandal** 2513870705

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

ASNT Level III # 157112

Supervisor, CNDT&PS Unit, ID



**SOGEC**

METHOD	Level	Expiry Date			
<input checked="" type="checkbox"/> Radiography	II	7/4/2027			<b>1021</b>
<input type="checkbox"/> Mag. Particle					
<input type="checkbox"/> Ultrasonic					
<input type="checkbox"/> Penetrant					
<input type="checkbox"/> RTFI					
<input type="checkbox"/> Visual					
<input type="checkbox"/> MFL					
<input type="checkbox"/> Other					

\* This card is to be used only for Operations



**SAUDI ARAMCO**  
 INSPECTION  
 DEPARTMENT VERIFIES



**995 Sunil Thapa** 2514180617

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

ASNT Level II # 157112


Supervisor, CNDT&PS Unit, ID




**SOGEC**

METHOD	Level	Expiry Date			
<input checked="" type="checkbox"/> Radiography	II	7/27/2027			
<input type="checkbox"/> Mag. Particle					
<input type="checkbox"/> Ultrasonic					
<input type="checkbox"/> Penetrant					
<input type="checkbox"/> RTFI					
<input type="checkbox"/> Visual					
<input type="checkbox"/> MFL					
<input type="checkbox"/> Other					

\* This card is to be used only for Operations



**SAUDI ARAMCO**  
 INSPECTION  
 DEPARTMENT VERIFIES




**1022 Yashu Kunwar** 2514180534

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

ASNT Level III # 157112


Supervisor, CNDT&PS Unit, ID




**SOGEC**

METHOD	Level	Expiry Date			
<input checked="" type="checkbox"/> Radiography	II	7/4/2027			<b>1022</b>
<input type="checkbox"/> Mag. Particle					
<input type="checkbox"/> Ultrasonic					
<input type="checkbox"/> Penetrant					
<input type="checkbox"/> RTFI					
<input type="checkbox"/> Visual					
<input type="checkbox"/> MFL					
<input type="checkbox"/> Other					

\* This card is to be used only for Operations



**SAUDI ARAMCO**  
 INSPECTION  
 DEPARTMENT VERIFIES




**1070 Binod Uparkoti** 2518608456

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

ASNT Level III # 157112

Supervisor, CNDT&PS Unit, ID



**SOGEC**

METHOD	Level	Expiry Date			
<input checked="" type="checkbox"/> Radiography	II	11/16/2027			<b>1070</b>
<input type="checkbox"/> Mag. Particle					
<input type="checkbox"/> Ultrasonic					
<input type="checkbox"/> Penetrant					
<input type="checkbox"/> RTFI					
<input type="checkbox"/> Visual					
<input type="checkbox"/> MFL					
<input type="checkbox"/> Other					

\* This card is to be used only for Operations



## 11. Personnel Documents

**SAUDI ARAMCO**  
INSPECTION  
DEPARTMENT VERIFIES

**389** **Sundara Mahalingam** **2262408467**

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

SMA  
ASNT Level III # **157112**  
Supervisor, CNDT&PS Unit, ID



**SOGEC**

METHOD	Level	Expiry Date	<b>389</b>
<input checked="" type="checkbox"/> Radiography	II	10/12/2026	
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input type="checkbox"/> RTFI			
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			


**\* This card is to be used only for Operations**

**SAUDI ARAMCO**  
INSPECTION  
DEPARTMENT VERIFIES

**1071** **Sattya Bisunkhe** **2513870820**

satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.

SMA  
ASNT Level III # **157112**  
Supervisor, CNDT&PS Unit, ID



**SOGEC**

METHOD	Level	Expiry Date	<b>1071</b>
<input checked="" type="checkbox"/> Radiography	II	11/9/2027	
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input type="checkbox"/> RTFI			
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			

**\* This card is to be used only for Operations**

# 12. QHSE Certificates



SPECIALIZED OIL & GAS ENGINEERING CO. LTD

C.R. 2930046686 Membership No. 49497 Capital S.R. 1,200,000

Catfish Protection, Non-Destructive Testing & Heat Treatment Division



الشركة المتميزة لأعمال البترول والغاز ذ.م.م

ص.ب. 6907 - الرياض 11462 رقم المسجلة 19177 رأس المال 1.200.000 ريال

قسم الحماية الكاتافية، والفحوصات الغير تدميرية والعمليات الحرارية

## QUALITY POLICY

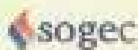
The Quality Policy of Specialized Oil & Gas Engineering Co. Ltd. (SOGEC) is to provide the most reliable and cost effective solutions within the rigorous timescale by offering a comprehensive end to end package of design, engineering, supplying and execution and to continually upgrade the scope of services required by clients in a timely manner.

To achieve the above mentioned goals, Specialized Oil & Gas Engineering Co. Ltd. (SOGEC) is committed to:

- ❖ Operate a formal Quality Management System based on the requirements of ISO 9001:2015 and its continual improvement.
- ❖ Work closely with our clients to ensure our products and services conform with their requirements.
- ❖ To achieve excellent disciplined business by fostering continual improvement in every function of operations through dedicated teamwork by qualified and competent staff.
- ❖ To achieve and sustain the highest degree of quality management atmosphere with emphasis on ensuring safety for personnel, properties and environment.
- ❖ Totally committed to achieve high operational efficiency by continuous training and development of employees.

General Manager

Rev. C, Date Dec 23, 2019



www.sogec.com

ص.ب. 6907 - الرياض 11462 - المملكة العربية السعودية  
مكتب: +966-13-814 4048 - فاكس: +966-13-814 4049

E-mail: sogec@damman@iikgroup.com / sogec@damman@iikgroup.com



www.iik-group.com





SPECIALIZED OIL & GAS ENGINEERING CO. LTD  
C.R. 2050045985 Membership No. 49467 Capital S.R. 1,250,000  
Cathodic Protection, Non-Destructive Testing & Heat Treatment Division



الشركة المميزة لأعمال البترول والغاز س.م.م  
س.م.م 2050045985 رقم التسجيل 49467 رأس المال 1.250.000 ريال  
قسم الحماية الكاثودية والتجسس غير المتلف وعمليات التبريد والتجفيف الحراري

## Environmental, Health and Safety Policy

Specialized Oil & Gas Engineering Co. Ltd. (SOGEC) is committed to proactively comply with regulatory, legal and other requirements related to Environment, Safety and Occupational health as pertinent to various processes to prevent pollution levels and safe work environment throughout organization.

In order to achieve the above, the Company is committed to:

- Prevent all types of pollution through establishing and implementing the necessary environmental programs.
- Set up the necessary environmental, health and safety objectives which can improve internal systems.
- Comply with applicable environmental, health and safety legislation and other requirements to which the organisation subscribes.
- Communicate the policy to all employees, interested parties and persons working for or on behalf of the organisation.
- Identify and provide relevant training to its staff, and give them the opportunity to contribute to the continuous improvement of Environmental, Health and Safety Management Systems.
- Preservation of the world's natural resources and to Society of which we are a part in terms of any environmental impact resulting from our processes.
- Prevent of injury and ill health which can be caused by our operations.

**General Manager**

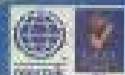


[www.kog.cc](http://www.kog.cc)

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[www.ikkgroup.com](http://www.ikkgroup.com)







BUREAU VERITAS

Bureau Veritas Certification

### SPECIALIZED OIL & GAS ENGINEERING CO. LTD. (SOGEC)

AL KHALIDIYAH AL JANUBIYAH, PO BOX 6897, DAMMAM 31452, SAUDI ARABIA

*Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below*

## ISO 9001:2015

*Scope of certification*

**PROVISION OF HEAT TREATMENT, LEAK SEALING AND TESTING SERVICES SUCH AS POSITIVE MATERIAL IDENTIFICATION (PMI), HARDNESS AND NON DESTRUCTIVE TESTING (NDT). SALES & INSTALLATION OF CHLORINE ANALYZER SYSTEMS. INSTALLATION & MAINTENANCE OF INDUSTRIAL MACHINERIES. DESIGN, SUPPLY, MANUFACTURING, INSTALLATION & COMMISSIONING OF CATHODIC PROTECTION AND VAPOR CORROSION INHIBITOR SYSTEMS**

Original cycle start date:	10-06-2022
Expiry date of previous cycle:	NA
Certification / Recertification Audit date:	01-06-2022
Certification / Recertification cycle start date:	10-06-2022
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on:	09-06-2025
Certificate No.: SA002889	Version: 1
Issue date:	10-06-2022



0008

*Certification Body Address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom*

*Local office: Bureau Veritas Company, Al Raja Tower, 6th Floor, King Abdulaziz Road, P.O. Box 20189, Al-Khobar 31952, Kingdom of Saudi Arabia.*

Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: +966 13 8821071





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## SPECIALIZED OIL & GAS ENGINEERING CO. LTD. (SOGEC)

AL KHALIDIYAH AL JANUBIYAH, PO BOX 6897, DAMMAM 31452, SAUDI ARABIA

*Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below*

### ISO 14001:2015

*Scope of certification*

PROVISION OF HEAT TREATMENT, LEAK SEALING AND TESTING SERVICES SUCH AS POSITIVE MATERIAL IDENTIFICATION (PMI), HARDNESS AND NON DESTRUCTIVE TESTING (NDT). SALES & INSTALLATION OF CHLORINE ANALYZER SYSTEMS. INSTALLATION & MAINTENANCE OF INDUSTRIAL MACHINERIES. DESIGN, SUPPLY, MANUFACTURING, INSTALLATION & COMMISSIONING OF CATHODIC PROTECTION AND VAPOR CORROSION INHIBITOR SYSTEMS

Original cycle start date:	10-06-2022				
Expiry date of previous cycle:	NA				
Certification / Recertification Audit date:	01-06-2022				
Certification / Recertification cycle start date:	10-06-2022				
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on:	09-06-2025				
Certificate No.:	SA002890	Version:	1	Issue date:	10-06-2022



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## SPECIALIZED OIL & GAS ENGINEERING CO. LTD. (SOGEC)

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*Bureau Veritas Certification Holding SAS – UK Branch certifies that the Management System of the above organisation has been audited and found to be in accordance with the requirements of the management system standards detailed below*

### ISO 45001:2018

*Scope of certification*

PROVISION OF HEAT TREATMENT, LEAK SEALING AND TESTING SERVICES SUCH AS POSITIVE MATERIAL IDENTIFICATION (PMI), HARDNESS AND NON DESTRUCTIVE TESTING (NDT). SALES & INSTALLATION OF CHLORINE ANALYZER SYSTEMS. INSTALLATION & MAINTENANCE OF INDUSTRIAL MACHINERIES. DESIGN, SUPPLY, MANUFACTURING, INSTALLATION & COMMISSIONING OF CATHODIC PROTECTION AND VAPOR CORROSION INHIBITOR SYSTEMS

Original cycle start date:	10-06-2022
Expiry date of previous cycle:	NA
Certification / Recertification Audit date:	01-06-2022
Certification / Recertification cycle start date:	10-06-2022
Subject to the continued satisfactory operation of the organization's Management System, this certificate expires on:	09-06-2025
Certificate No.:	SA002891
Version:	1
Issue date:	10-06-2022



0008

*Certification Body Address: 5th Floor, 66 Prescott Street, London, E1 8HG, United Kingdom*

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Further clarifications regarding the scope and validity of this certificate, and the applicability of the management system requirements, please call: +966 13 9821071



# 13. Testimonials









## 13. Testimonials





**Technip**

TECHNIP SAUDI ARABIA LTD.

PROJECT: JUBAIL EXPORT REFINERY – PACKAGE 2A

CLIENT: SATORP (SAUDI ARAMCO TOTAL Refining and Petrochemical Company)

TECHNIP S.A. LTD, Office Jubail Construction Site

15 April 2013

## **LETTER OF APPRECIATION**

SOGEC-NDT has very successfully supported Technip Saudi Arabia to meet construction completion target dates, by performing RT on 71 heavy wall (40 – 60 mm wall thickness) stainless & nickel alloy welds in the shortest possible time, on the JUBAIL EXPORT REFINERY Project.

The efforts made by the SOGEC-NDT assigned personnel have been very well recognized and very much appreciated.

We have no hesitation in recommendation the services of SOGEC-NDT to any other Company.



Alessandro Savi  
TPSA Site Manager



Volker Seewöster  
TPSA Site QA/QC Manager

CC: Personnel File



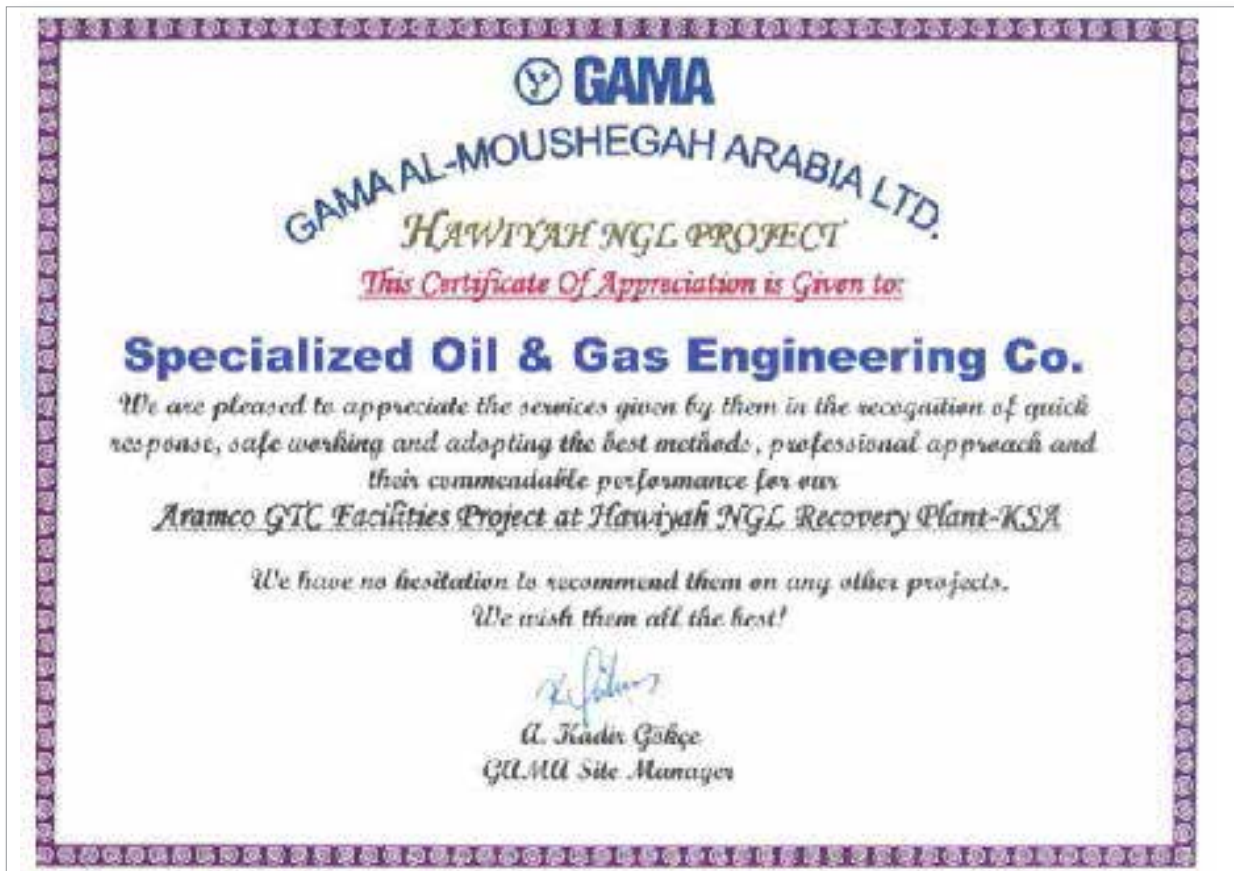
## 13. Testimonials





## 13. Testimonials







## 13. Testimonials





## 13. Testimonials



13. Testimonials



## 13. Testimonials



## 13. Testimonials



Hyundai Arabia Company LLC  
C R No : 2051050688

ARABIA COMPANY LLC.

شركة هونداي العربية المحدودة  
سجل تجاري رقم : 2051050688

To Whom It May Concern:

Date: December 30, 2020

### CERTIFICATE OF APPRECIATION

Presented to M/s SOGEC

We wish to extend our most sincere thanks and appreciation for the hard work and best co-operation for Cathodic Protection Works in Jazan Refinery Terminal Project EPC-02.

We are delighted by the quality of your services, responsiveness and professionalism in business due to which we have managed to keep our customers satisfied.

Keep up the good job, And we will be looking forward to an excellent continuing business relationship.

Sincerely,

For and on behalf of Hyundai Arabia Company LLC

By:

Name: Ahn Kyoung Whan

Title: Project Manager

Date: December 30, 2020







## 13. Testimonials



**For inquires** please contact us at

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**[sogecndt.dammam@ikkgroup.com](mailto:sogecndt.dammam@ikkgroup.com)**

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**SOGEC**

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