



Specialized Oil & Gas Engineering Co. Ltd.

PRE-QUALIFICATION FILE



KABBANI
CONSTRUCTION
GROUP®

TABLE OF CONTENTS

1.

ABOUT SOGEC

- 1.1 Who We Are
- 1.2 Vision
- 1.3 Values
- 1.4 Services

2.

CATHODIC PROTECTION

- 2.1 Pre-Design & Site Survey
- 2.2 Cathodic Protection System Design
- 2.3 Manufacturing & Supply of Cathodic Protection Materials
- 2.4 Installation of Cathodic Protection Systems
- 2.5 Testing, Commissioning & Monitoring of Cathodic Protection Systems
- 2.6 Over the Line Surveys
- 2.7 AC Interference Mitigation Systems

3.

CORROSION MONITORING

- 3.1 Internal Corrosion Services
- 3.2 Direct Assessments

4.

NON-DESTRUCTIVE TESTING

- 4.1 ASNT Level III Consulting Services
- 4.2 Radiographic Testing – RT
- 4.3 Ultrasonic Thickness Gauge Testing - UTT
- 4.4 Ultrasonic Shear Wave Testing – UT
- 4.5 Magnetic Particle Testing – MPT.
- 4.6 Visual Inspection
- 4.7 Phase Array Ultrasonic Testing – PAUT
- 4.8 TOFD
- 4.9 Leak Detection
- 4.10 In-situ Metallography

5.

HEAT TREATMENT

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

6.

INSPECTION SERVICES

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

7.

VCI INSPECTION SERVICES

- 7.1 Chime Ring Dry
- 7.2 Chime Ring Injection
- 7.3 Underside Injection
- 7.4 Internal Flood
- 7.5 Dry Tube
- 7.6 Underside Drip Tube
- 7.7 Inhibitor IDS System Benefits
- 7.8 Solution Effectiveness

8.

STAND ALONE SOLAR SYSTEMS

- 8.1 Project Development
- 8.2 EPC Turnkey Services
- 8.3 Build, Operate, Transfer (BOT)
- 8.4 Project Management
- 8.5 Operation & Maintenance

9.

AUTHORIZED DISTRIBUTOR

10.

PERSONNEL

- 10.1 Organizational Chart
- 10.2 CP Organizational Chart
- 10.3 NDT Organizational Chart
- 10.4 Personnel Qualification
- 10.5 RTFI Cards

11.

MAJOR PROJECTS

- 11.1 Completed Cathodic Protection Projects
- 11.2 On-Going Cathodic Protection Projects
- 11.3 Corrosion Monitoring Projects
- 11.4 Non-Destructive Testing Projects
- 11.5 Heat Treatment Projects
- 11.6 VCI Projects
- 11.7 Completed Solar Projects
- 11.8 On-Going Solar Projects

12.

LEGAL DOCUMENTS

- 12.1 CR - Dammam
- 12.2 CR - Jeddah
- 12.3 VAT Certificate
- 12.4 Zakat Certificate - KSA
- 12.5 Saudization Certificate
- 12.6 Chamber of Commerce
- 12.7 Vendor Approvals
- 12.8 NRCC - Dammam
- 12.9 NRCC - Nairyah
- 12.10 NRCC - Rabigh
- 12.11 NRCC - Harad
- 12.12 NRCC - Yanbu
- 12.13 NRCC - Jubail

13.

QUALITY & SAFETY

- 13.1 Quality Policy
- 13.2 EHS Policy

14.

CERTIFICATES

- 14.1 ISO 9001:2015 Certificate
- 14.2 Appreciation Certificates

15.

CONTACT

SOGEC PREQUALIFICATION FILE

1. About SOGEC

1. SOGEC PROFILE

1.1 WHO WE ARE

SOGEC – Specialized Oil & Gas Engineering Company is a part of Kabbani Construction Group, which is one of the largest 50 companies in Saudi Arabia. Taking advantage of the Group's capabilities and resources, SOGEC was launched in 2001 to meet the acute needs of cathodic protection, non-destructive testing and heat treatment required by the oil and gas industry guided by the vast experience gained by the division's engineering and technical staff.

SOGEC has acquired professional experience in the field of cathodic protection, non-destructive testing and heat treatment for pipelines, plant piping, well casings, tanks, vessels, jetties, steel reinforcing concrete and much more.

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	100000887
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

1.2 OUR VISION

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. At SOGEC, we believe that the goal of all companies that provide different types of services on this earth should be the wellbeing of the human race.

1.3 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 reasons for a better life style.

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

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

1.4 SERVICES

SOGEC's main activities are:

- Cathodic Protection Services
- Non-Destructive Testing Services
- Heat Treatment Services
- Inspection Services
- Corrosion Monitoring Services
- Vapor Corrosion Inhibitors
- Stand Alone Solar Systems



2. Cathodic Protection



2 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 system to protect the structure with the minimum required maintenance.

SOGEC is proud to present to its respectful clients the following services:

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



2.1 PRE-DESIGN & SITE SURVEY

An initial survey is usually conducted to identify site conditions relevant to structures require Cathodic Protection system. The survey would involve investigation of many factors. The results of survey in conjunction with information on the structure / plant to be protected provide basic information for the design.

2.2 CATHODIC PROTECTION SYSTEM DESIGN

Designs are done taking into consideration the aspects related to practicality, cost effectiveness and client standards and specifications, and it is ensured through the engineering team with qualified NACE Certified CP-3 Technologists and CP-4 Specialists. Software's and complex calculations are used to decide about the type of system to be used, whether sacrificial or Impressed Current System.

Design packages submitted to client usually include detailed Drawings, Materials Specifications, Bill of materials, Installation procedures, Inspection Test Plans, Method Statements, Construction Schedules, etc...

2.3 MANUFACTURING & SUPPLY OF CATHODIC PROTECTION MATERIALS

With a 3,200 square meter of manufacturing facility in Dammam, SOGEC assemble and manufacture a variety of Cathodic Protection materials with different product lines, starting by a normal type of anode, ending up by the most sophisticated type of Cathodic Protection Transformer Rectifier. In addition to manufacturing, SOGEC also supply items and accessories related to Cathodic Protection field through its rich supply chain. Below is a list of what SOGEC can supply to its customers:

- Sacrificial Anodes with different types and sizes
- High Silicon Iron Anodes (TA-4, TA-5, TA-2, etc...) with different types and sizes
- Mixed Metal Oxide (MMO) Tubular Anodes with different types and sizes
- Mixed Metal Oxide (MMO) Ribbon Anodes with different types and sizes
- Conductor Bars with different types and sizes
- Junction & Bonding Boxes with different enclosures types and sizes
- Test Stations with different types and sizes
- Reference Electrodes (RE) with different types and sizes
- Cables (HMWPE, KYNAR/HMWPE.) with different types and sizes
- Slotted & Normal PVC pipes with different types and sizes
- As well as DC Power Supply Design and Manufacturing that involves:
 - A. Photovoltaic power systems manufacturer for cathodic protection, Aramco approved
 - B. Oil cooled transformer rectifier manufacturer, Aramco approved
 - C. Air cooled transformer rectifier manufacturer, Aramco approved
 - D. Automatic control transformer rectifier manufacturer, Aramco approved

2.4 INSTALLATION OF CATHODIC PROTECTION SYSTEM

SOGEC's highly experienced engineers and technicians are available to install or supervise the installation of any Cathodic Protection systems in any part of the GCC countries. The construction team consist one of the biggest number of NACE Certified CP-2 Technicians among CP companies in GCC, and this is due the fact of continuous training and upgrading of team members.

Complete installations provided can vary from a simple ribbon anode system for external tank bottom, to installations of deep anode ground beds including drilling and civil works.

2.5 TESTING, COMMISSIONING & MONITORING OF CATHODIC PROTECTION SYSTEM

On completion of the installation of the Cathodic Protection systems, SOGEC engineers will test, commission and make the necessary adjustments on the system to achieve the required level of protection for the structure.

A fully detailed report on the performance of the system is usually submitted along with complete As-Built drawings at the end of each project.

SOGEC offers a monitoring procedure to maintain control of the protection system with regular inspection so that continuous protection is ensured and maintained.



2.6 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 assessing the cathodic protection systems functionality, coatings condition, and soil corrosivity.

2.7 AC INTERFERENCE MITIGATION SYSTEM

Through experienced and well trained engineers and technicians, SOGEC at present time is capable of designing in house the safest and most cost effective AC interference mitigation system. Complicated software's and authorized licenses used in design stages are one of the most advanced in its field. SOGEC lately successfully designed, supplied, installed and commissioned AC Mitigation systems for various clients in the market.





3. Corrosion Monitoring



3 CORROSION MONITORING SERVICES

3.1 Internal Corrosion Services:

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

3.2 Direct Assessment:

Despite the presence of various inline inspection tools, the need for a proactive inspection technique still exists. Pipeline Direct Assessment is a NACE well-structured program that helps anticipate where corrosion might happen; it identifies and categorizes threats over pipelines, and helps in managing and prioritizing mitigation and repair actions. SOGEC provides the three types of Direct Assessment (ECDA, ICDA, and SSCDA) with a high level of knowledge and experience.

4. Non-Destructive Testing

4

NON-DESTRUCTIVE TESTING (NDT)

With many years of experience in providing traditional NDT services, utilizing standardized procedures, certification programs and audit tracking, SOGEC has become a leader in the traditional NDT industry. These services are the fundamental basis for most inspection and reliability programs. Our traditional NDT 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. In addition to traditional NDT, SOGEC also delivers specific advanced NDT techniques.

- ASNT Level III Consulting Services
- Radiographic Testing – RT
- Ultrasonic Thickness Gauge Testing - UTT
- Ultrasonic Shear Wave Testing – UT
- Magnetic Particle Testing – MPT.
- Visual Inspection
- Phase Array Ultrasonic Testing – PAUT
- TOFD
- Leak Detection
- In-situ Metallography



4.1 ASNT LEVEL III CONSULTING SERVICES

SOGEC NDT Consulting Team has many years of individual and collective experience in the application of NDT technologies to a wide variety of complex problems and their expertise can help you find solutions to your inspection challenges. 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

4.2 RADIOGRAPHIC TESTING - RT

Conventional RT is a nondestructive examination (NDE) method that uses X-ray and gamma ray for detecting internal imperfections, measuring wall thickness and detection of corrosion. With RT, the material is exposed to a homogenous ray from a radioactive isotope or an X-ray tube while a negative film is positioned behind the material to be examined. After development of the film, thickness and density differences (material imperfections) will show as blackness. Acceptance criteria define whether or not the indication is non-acceptable (a defect).

4.3 ULTRASONIC THICKNESS GAUGE TESTING - UTT

UTT measures remaining wall thickness on piping, pressure vessels, storage tanks and other equipment, and can be used to scan bolts, shafts and raw materials for imperfections. A straight beam is directed at the test piece and utilizing the round trip time for the ultra-sonic energy, the distance to the flaw is displayed in thousandths of an inch. On UT units using A-scan, the display will show multiple flaws at different depths.

4.4 ULTRASONIC SHEAR WAVE TESTING - UT

Traditional UT inspection uses high frequency sound energy to conduct examinations and perform measurements gathering considerable information such as the presence of discontinuities, material or coating thickness. Our highly qualified technicians detect surface and subsurface defects and supply accurate readings regarding discontinuity, size and shape. Ultrasonic surveys are used as the main inspection technique for a plant's erosion/corrosion programs.

4.5 MAGNETIC PARTICLE TESTING - MPT

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

4.6 DYE PENETRANT TESTING - DPT

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

4.7 VISUAL INSPECTION

Visual inspection is the basis for all NDT inspection programs. We provide a wide variety of visual inspection techniques (VT) to various industries such as API 510, 653 and 570 inspectors to the Oil and Gas industry and Certified Welding Inspectors to a wide variety of other industries.



4. NON-DESTRUCTIVE TESTING

4.8 PHASE ARRAY ULTRASONIC TESTING - PAUT

Phased Array generates an ultrasonic beam with the capability of setting beam parameters such as angle, focal distance and focal point size through computer controlled excitation of the beam. It can be multiplexed covering large areas and the operator can vary the angle of the beam without moving the probe. 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 ASME Code.

4.9 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, while the opposite surface of the piece is inspected for fluid leaking through. In general, the leakage can be detected by one of the following methods: observing formation of bubbles, monitoring for changes in pressure or volume of the fluid, or sensing for the presence of tracer fluids.

4.10 TOFD

TOFD is a code-accepted inspection and provides superior height sizing capabilities to other techniques. Ideal for inspecting and sizing defects in welds, TOFD uses two angled probes (one on each side of the weld) to transmit sound waves into the test material at angles specific to its thickness. Discontinuities are shown as breaks in the waves or as additional waves between mode lines. TOFD is normally utilized in conjunction with Phased Array UT.

4.11 IN-SITU METALLOGRAPHY

In-situ Metallography is a non-destructive testing tool and it is used for remaining life of components by preparing & evaluating the replication of microstructure. Application areas include fertilizer, petrochemical, aerospace, chemical plants, foundries, forge shops, steel plants, automobile, oil & gas, off shore structures and chemical processing industries.

SOGEC PREQUALIFICATION FILE

5. Heat Treatment



5 HEAT TREATMENT SERVICES

- Post Weld Heat Treatment – PWHT
- Pre-heating
- Solution Annealing
- Normalizing
- Furnaces
- Hardness testing
- Positive Material Identification – PMI
- Refractory Dry-out
- Stress relieving
- Internal firing



5.1 POST WELD HEAT TREATMENT - PWHT

Post Weld Heat Treatment Services (PWHT) is defined as one of heat treatment method 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, most common procedure used is Stress Relieving. It can be applied to pipelines, steel structures, vessels, boilers and tanks etc. SOGEC has variety of electrical and firing equipment to make sure that client needs are fulfilled with utmost quality.

5.2 PRE-HEATING

Preheating involves rising the temperature of the parent material locally, on both sides of the joint to a value as specified in codes. The need for preheat 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 stresses,
- Compensation for heat loss.

5.3 SOLUTION ANNEALING

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

5.4 NORMALIZING

Normalizing Heat Treatment process is heating a steel above the critical temperature, holding for a period of time long enough for transformation to occur, and air cooling to make material softer but 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 microstructure and properties of hot rolled steel.

5.5 FURNACES

SOGEC offer its in-house industrial furnaces, one in Dammam and another in Jubail to perform range of heat treatment processes in it including Annealing, Ageing, Hardening, Solution heat treatment, Normalizing, and Stress relieving of various objects. We are also experienced in fabrication of temporary furnaces on site to facilitate the heat treatment of equipment which cannot be transported due to mobility restrictions.

5. HEAT TREATMENT

5.6 HARDNESS TESTING

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

5.7 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 the experienced personnel gives you a reliable result.

5.8 REFRACTORY DRY-OUT

SOGEC has extensive experience in the field of refractory dryout and in controlled heating and ventilation for the drying of specialized refractory linings used in process industries such as steel, petrochemical and aluminum industries. Our expertise in these areas ensures maximum effectiveness and minimum downtime of the equipment 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. SOGEC dryout equipment makes us stand out in this field.

5.9 INTERNAL FIRING

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

KCG PREQUALIFICATION FILE



6. Inspection Services



6 INSPECTION SERVICES

- PQR Qualification
- WQT Witnessing
- API Inspection

6.1 PQR QUALIFICATION

SOGEC helps customers to 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 to overcome the difficulties in current procedures by providing a complete range of service 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 code and standards. They are fit for the required welding task as needed.

6.3 API INSPECTION

We are an end-to-end service provider of 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.

KCG PREQUALIFICATION FILE



1. VCI Solutions

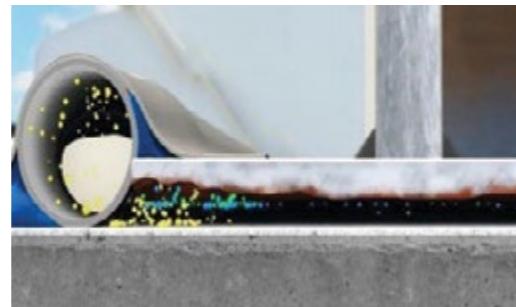
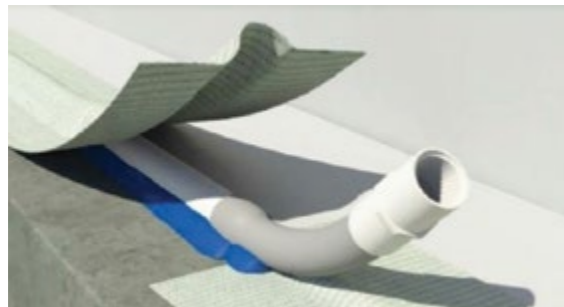


7 VCI (CORROSION INHIBITOR) SOLUTIONS

SOGEC / Zerust Oil & Gas Tank SSB Inhibitor Delivery System (IDS) solutions provide a cost-effective means to mitigate underside corrosion of aboveground storage tanks while the tanks are in or out of service. Whether tank bottoms, single or double, rest on compacted sand, concrete, soil or bitumen, our solution to extend the serviceable life of these assets

7.1 CHIME RING DRY

Chime Ring Dry IDS solution is recommended for storage tanks with concrete or bitumen foundations. 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.



7.2 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 foundation. The combination of VCIs and SCIs work together to protect vulnerable areas of the tank bottom plates from corrosion.

7.3 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.



7.4 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 it may contact on either the bottom plates or foundation.

7.5 DRY TUBE

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

7.6 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 are 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.

7.7 INHIBITOR IDS SYSTEM BENEFITS

- Provides the option for replenishment.
- Can be combined with simple monitoring.
- procedures to ensure 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 ensures.
- Uniform distribution.
- Service life of tank bottom can be increased.
- Significantly at minimal cost.

7.8 SOLUTION EFFECTIVENESS

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

KCG PREQUALIFICATION FILE



8. Stand Alone Solar Systems



8 STAND ALONE SOLAR SYSTEMS

A successful solar energy project of 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.



8.1 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.

8.2 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.

8.3 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.

8.4 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.

8.5 OPERATION & MAINTENANCE

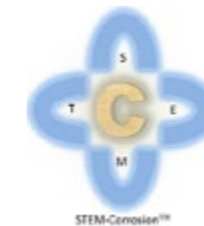
We perform system checkups on a frequent basis to ensure the healthiness and functionality of our systems. We have an entire team dedicated to mitigating the expected environmental impacts that could potentially affect the system's productivity as well.

9. Authorized Distributor

9 AUTHORIZED DISTRIBUTOR

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

- JA Electronics Manufacturing Co.
- Rustrol Systems
- Zerust Oil & Gas
- MetriCorr
- M. C. Miller
- ABTECH
- LORESCO
- CorrMagnet Consulting Inc.
- Cathodic Protection Company (CPC)



KCG PREQUALIFICATION FILE

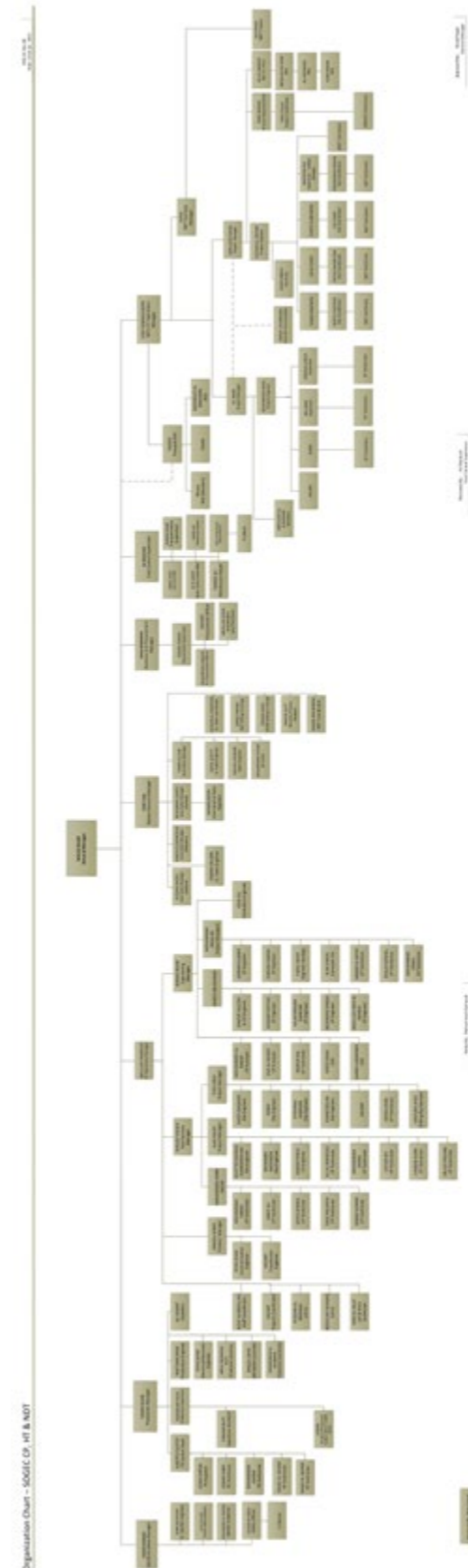


10. Personnel



10. PERSONNEL

10.1 ORGANIZATIONAL CHART



10.4

PERSONNEL QUALIFICATIONS

Khaled Sami Youssef

Khaled Sami youssef

CP Specialist

Salman Al Farisi St, Al Khalidiyah, Dammam
Direct: +966 (013) 892 3713
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 – to Present	Field Services manager Specialized Oil & Gas Engineering Company (Sogec), Dammam, Saudi Arabia
2014– to Aug 2020	Operations Manager Specialized Oil & Gas Engineering Company (Sogec), Dammam, Saudi Arabia
2011 - 2014	Engineering Manager Specialized Oil & Gas Engineering Company (Sogec), Dammam, Saudi Arabia
2009 - 2011	Engineering Supervisor Specialized Oil & Gas Engineering Company (Sogec), Dammam, Saudi Arabia
2007 - 2008	Cathodic Protection Engineer 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)

10.4

PERSONNEL QUALIFICATIONS

Khaled Sami Youssef

Khaled Sami Youssef - Resume

Publications

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

Khaled youssef, 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 & HAWYAH.
2. Saudi Aramco: Cathodic Protection & AC Mitigation Study for Shadgan Uthmaniyah Pipeline around 1200 Km Project (BI-10-01989 & BI-10-02067)
3. Saudi Aramco: Cathodic Protection Survey & Design for Hawiyah Unuzals 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 KP945 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 Khursaniyah 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.

10.4

PERSONNEL QUALIFICATIONS

Khaled Sami Youssef

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 Berni 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 RIJPRP-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 Riyad water transmission system.
26. **SWCC:** Survey & Design impressed current system and galvanic CP system for AL Jubail –Al Riyad 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 Fadhil
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.

10.4

PERSONNEL QUALIFICATIONS

Khaled Sami Youssef

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, multi & 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 khuris 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 khuris.

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-G48)
 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 Qunayya sea water Intake.
 9. **Saudi Aramco :** Cathodic Protection System Sea Water Intake For Rabig a 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 ZAIHR :** 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 WT 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.

10.4

PERSONNEL QUALIFICATIONS

Khaled Sami Youssef



10.4

PERSONNEL QUALIFICATIONS

Ahmad M. Rajab

Ahmad M Rajab

Engineering Manager – CP Specialist

King Khaled street, Al Baghdadiya, Jeddah
 Direct: +966 (012) 627 8395
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	Engineering Manager Specialized Oil & Gas Engineering Company (Sogec), Dammam, Saudi Arabia
2014 - 2016	Sr. Corrosion Engineer Khafji Joint Operation (Aramco Overseas), Khafji, Saudi Arabia
2012 - 2014	Acting Execution Manger Specialized Oil & Gas Engineering Company (Sogec), Dammam, Saudi Arabia
2008 - 2012	Cathodic Protection Engineer 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

10.4 PERSONNEL QUALIFICATIONS

Ahmad M. Rajab

Ahmad M Rajab Resume



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 Makkah 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 Externals.*
- 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'jiz Terminal ICCP System For Land Side*
- 2016 *GACA: CP application for Tanks, Plant piping and vessels at King Abdulaziz International Airport*

10.4 PERSONNEL QUALIFICATIONS

Ahmad M. Rajab

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 Ghazlan 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).*

10.4

PERSONNEL QUALIFICATIONS

Ahmad M. Rajab

Ahmad M Rajab Resume

- 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).

10.4

PERSONNEL QUALIFICATIONS

Ahmad M. Rajab



10.4

PERSONNEL QUALIFICATIONS

Abdallah M Hammoud

Abdallah M Hammoud

Operations Manager – CP Specialist

Salman Al Farisi St, Al Khalidiyah, Dammam
 Direct: +966 (013) 892 3751
abdullah.hammoud@ikkgroupp.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	Operations Manager Specialized Oil & Gas Engineering Company (Sogec), Dammam, Saudi Arabia
2013 - 2020	Engineering Manager Corpower International (a Corpro Company), Al Khobar, Saudi Arabia
2008 - 2013	Cathodic Protection Engineer 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

10.4

PERSONNEL QUALIFICATIONS

Abdallah M Hammoud

Abdallah M Hammoud - Resume

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

Key Projects

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

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

10.4

PERSONNEL QUALIFICATIONS

Abdallah M Hammoud

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

10.4

PERSONNEL QUALIFICATIONS

Abdallah M Hammoud

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).

10.4

PERSONNEL QUALIFICATIONS

Abdallah M Hammoud



10.4

PERSONNEL QUALIFICATIONS

Mosa K. Al-Alam



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

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

10.4

PERSONNEL QUALIFICATIONS

Mosa K. Al-Alam



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

10.4

PERSONNEL QUALIFICATIONS

Mosa K. Al-Alam



Experience:

- Petrojet – PetroRabigh-II Utility

2-Rawabi Industrial Services (RISS)

(KSA)

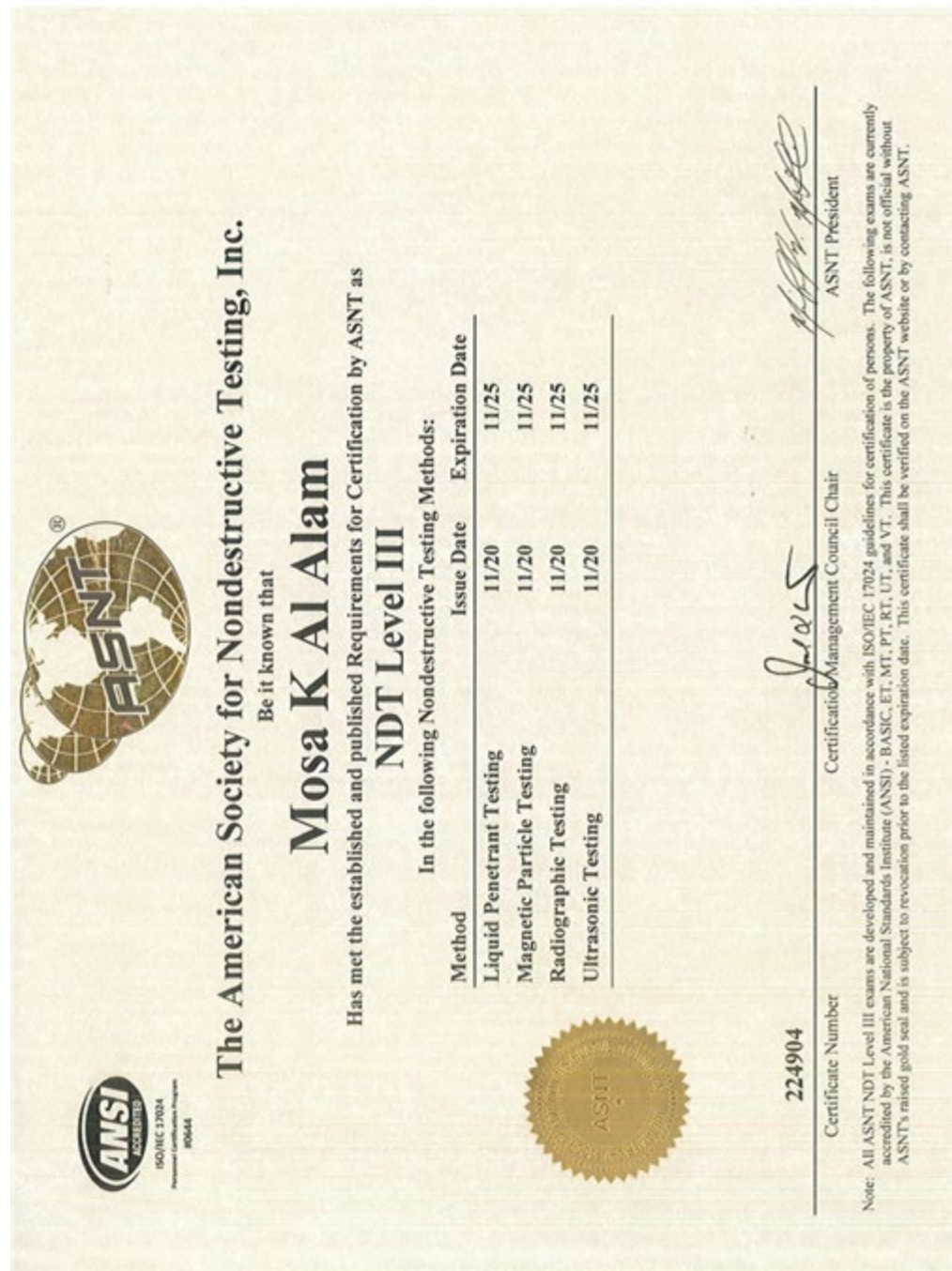
Company	From	To	Title	Method
RISS	2006	2007	NDT Technician	RT, MT, PT, UTT

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.

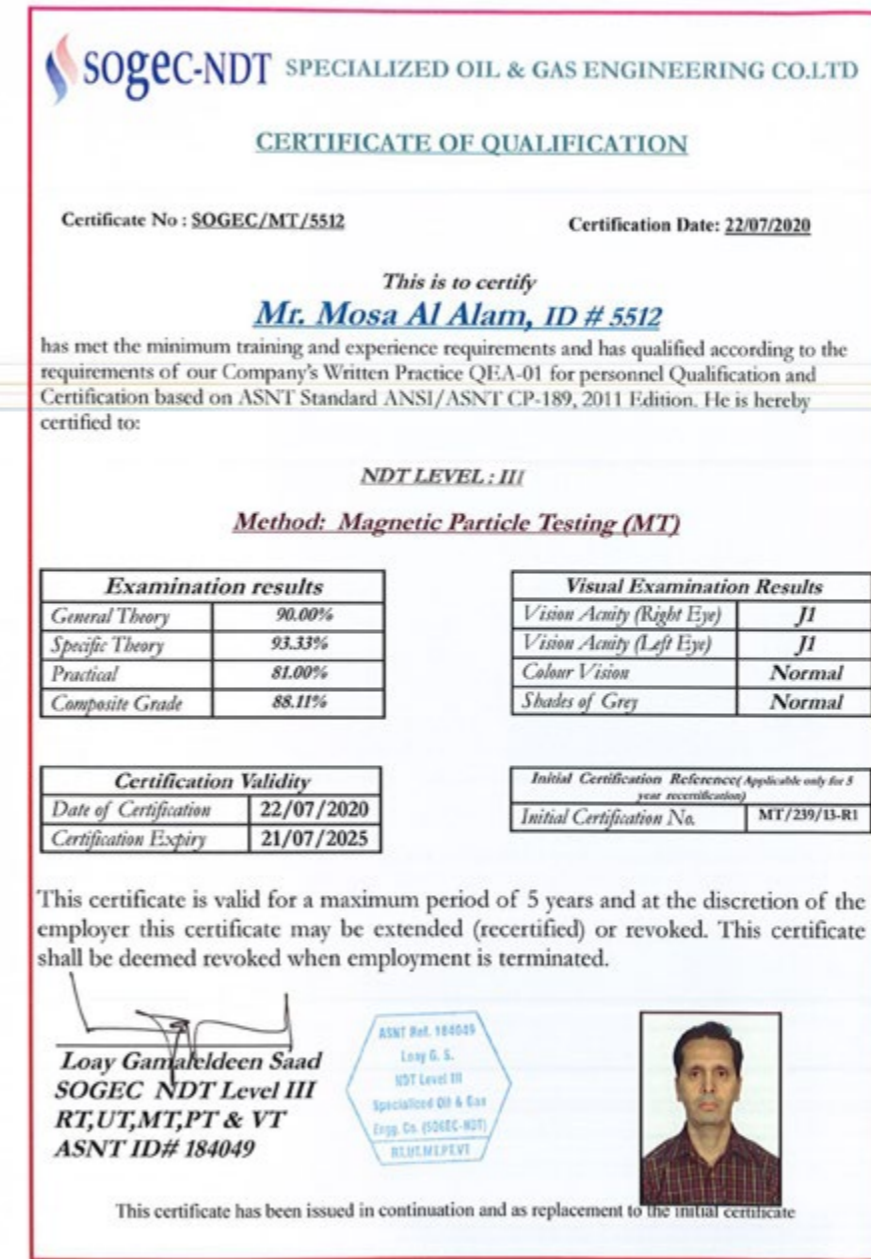
10.4 PERSONNEL QUALIFICATIONS

Mosa K. Al-Alam



10.4 PERSONNEL QUALIFICATIONS

Mosa K. Al-Alam



10.4 PERSONNEL QUALIFICATIONS

Mosa K. Al-Alam

sogec-NDT SPECIALIZED OIL & GAS ENGINEERING CO.LTD

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)

Examination results	
General Theory	82.50%
Specific Theory	85.00%
Practical	84.00%
Composite Grade	83.83%

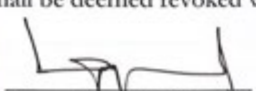


Visual Examination Results	
Vision Acuity (Right Eye)	J1
Vision Acuity (Left Eye)	J1
Colour Vision	Normal
Shades of Grey	Normal

Certification Validity	
Date of Certification	21/07/2020
Certification Expiry	20/07/2025

Initial Certification Reference (Applicable only for 5 year recertification)	
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
Loay G. S.
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

10.4 PERSONNEL QUALIFICATIONS

Mosa K. Al-Alam

sogec-NDT SPECIALIZED OIL & GAS ENGINEERING CO.LTD

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)

Examination results	
General Theory	85.00%
Specific Theory	85.00%
Practical	84.00%
Composite Grade	84.66%

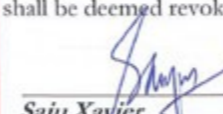


Visual Examination Results	
Vision Acuity (Right Eye)	J1
Vision Acuity (Left Eye)	J1
Colour Vision	Normal
Shades of Gray	Normal

Certification Validity	
Date of Certification	15/08/2020
Certification Expiry	14/08/2025

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

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

10.4 PERSONNEL QUALIFICATIONS

Mosa K. Al-Alam

	SPECIALIZED OIL & GAS ENGINEERING CO.LTD	SOGEC-TF-015
	CERTIFICATE OF EYE TEST	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, 2011 Edition.

Name: Mr. Mosa K. Alalam

Certification File Number: 5512

Test Description	Test Results
Near Vision Acuity 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
Color Vision Ability to differentiate colors in Ishihara Test plates 1-7	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
Shades of Gray	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
Test Condition	<input type="checkbox"/> UN CORRECTED <input checked="" type="checkbox"/> CORRECTED

Date of test: 04/Jul/2022

Date of Expiry: 03/Jul/2023

Examined By:

Name & Title: Sivaprasad Nair, NDT Instructor

Signature: 



P.O.Box No.6897 Dammam 31452 Tel: +966 (013) 814 3737 Fax: +966 (013) 814 4849
www.ikkgroupp.com

10.4 PERSONNEL QUALIFICATIONS

Loay Gamaledeen Saad

Loay Gamaledeen Saad

Operations Manager
Salman Al Farisi St. Al Khaldiyyah, Dammam
Direct: +966 (013) 892 3732
Loay.Gamaledeen@ikkgroupp.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

10.4

PERSONNEL QUALIFICATIONS

Loay Gamaledeen Saad


Loay Gamaledeen Saad - Resume

 Industry Credentials
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

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

10.4

PERSONNEL QUALIFICATIONS

Loay Gamaledeen Saad

Loay Gamaledeen 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&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

10.4

PERSONNEL QUALIFICATIONS

Loay Gamaledeen Saad

Loay Gamaledeen 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 & 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 & Mining Co. Ltd.</i>	RT Services at Marafiq, Jubail
<i>Abdulla Nass & Partners Co. Ltd.</i>	NDT Services at Sadara, Jubail
<i>PETROJET - Saudi Arabia</i>	NDT Services at Petro Rabigh - 5 Tanks Project
<i>Larsen & Toubro</i>	NDT Services for Midyan Gas Processing Facilities
<i>Salim M. Al-Joaib & 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 & 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

10.4

PERSONNEL QUALIFICATIONS

Loay Gamaledeen Saad

Loay Gamaledeen 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.L.L)</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

10.4

PERSONNEL QUALIFICATIONS

Loay Gamaledeen Saad

Loay Gamaledeen 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 & Mining Co. Ltd.</i>	Providing NDT Services for Fadhli Gas Program Project
<i>Arkad Engineering & 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 & 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

10.4

PERSONNEL QUALIFICATIONS

Loay Gamaledeen Saad

Loay Gamaledeen Saad - Resume

<i>Abdullah H Al Shuwayer Sons Trading & Contracting Co.</i>	Providing NDT, PWHT & Inspection Services @ Damman
<i>Al Zamil Metal Works Factory (Abdullah Al Zamil Est For Trading & Contracting.)</i>	Providing NDT Services @ Jazan
<i>Saudi Aramco</i>	Provision of API certified Inspectors for 2019 Turnaround at YRD
<i>METSCCO Heavy Steel Industries Co. Ltd.</i>	Providing NDT Services @ Yanbu
<i>Branch of China Petroleum Pipelines Co.</i>	Providing NDT Services for free flow project @ Haradh
<i>Dynamic Industries Saudi Arabia Limited</i>	NDT Services for Berri Field (Offshore)
<i>Branch of Sinopec International Petroleum Service Corporation</i>	Providing NDT Services for Master Gas Pipeline Project in Medina
<i>Saudi Archirodon Ltd.</i>	Providing NDT Services at Tanajib UPF Project
<i>Branch of China Petroleum Pipelines Co.</i>	Providing NDT, PWHT & Inspection Services for CPP-NGCP at Haradh Hawiyah Pipelines Project for Aramco
<i>Olayan Descon</i>	Providing NDT Services at Yanbu & North Jeddah Bulk Plant
<i>Abdulla Faleh Al-Dossary & Partner Co.</i>	Providing NDT Services at Saudi Aramco Yanbu Refinery
<i>Olayan Descon</i>	Providing NDT Services of Pipe Spool for SOYA Bean Site at Yanbu
<i>H. K. Al Sadiq Sons Conf. Co. Ltd.</i>	Providing NDT & PWHT Services in Yanbu Refinery for Delivery Line Works
<i>Anabeeb</i>	Providing RSO/RT/PT/UT Testing Services at Anabeeb Facility in Yanbu

10.4

PERSONNEL QUALIFICATIONS

Loay Gamaledeen Saad

Loay Gamaledeen Saad - Resume

<i>SAIPEM Snamprogetti Saudi Arabia Ltd.</i>	NDT Services for Hook-Up Activities Offshore
<i>Saudi Aramco Total Refining & 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 & MAINTENANCE COMPANY LTD. (ROMCO)</i>	Providing Radiography Testing Services @ Rabigh
<i>Mutlaq Al-Ghewari 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 & Installation Co. Inc.</i>	Providing NDT Services for Aramco Field Gas Compression Haradh (Satellite) Project in Haradh and Hawiyah Field
<i>NESMA & PARTNERS CONTRACTING CO.LTD.</i>	Providing NDT & PWHT Services for Aramco Water Handling Debottlenecking at South Ghawar
<i>M.S.Al.Suwaidi 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

10.4

PERSONNEL QUALIFICATIONS

Loay Gamaledeen Saad

Loay Gamaledeen Saad - Resume

<i>Saudi Arabian Kentz Co. Ltd.</i>	Providing Radiographic Testing Services at Ghazal-Khuraib
<i>Saudi Aramco</i>	Providing Radioactive ISO TOPES for Saudi Aramco
<i>NESMA & 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 & 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-Ghewari Contracting Co.</i>	Providing NDT, PQR & WQT Inspection Services at Hafir AL Batin & Al Taif
<i>Saudi Aramco</i>	Providing NDT Services at Khuraib.
<i>Metscco Heavy Steel Industries Co. Ltd.</i>	Providing NDT Services For Water Tanks in Jazan

10.4

PERSONNEL QUALIFICATIONS

Loay Gamaledeen Saad



رقم الشهادة : 858
صدرت في : 1441/11/20 هـ
تنتهي في : 1444/11/19 هـ

منحت هذه الشهادة للسيد

لؤي جمال الدين سعد محي الدين

رقم الهوية: 2259257539

الشركة المميزة لأعمال البترول والغاز - الدمام

لاختباره الاختبار التأهيلي للعمل كمسؤول حماية من الإشعاع في مجال

تصوير إشعاعي صناعي

رئيس قطاع الرقابة الإشعاعية
أ.ب. أحمد بن علي بصفر

مدير إدارة ترخيص العاملين
د. عوض بن أحمد الزهراني

10.4

PERSONNEL QUALIFICATIONS

Loay Gamaledeen Saad



10.4

PERSONNEL QUALIFICATIONS

Loay Gamaledeen Saad

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


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

Comments

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

- Responsibilities of the contactor's NDT Level III will be as follow:
 - Establishing, and maintaining prime contractor's Written Practice for training, qualification and certification of NDT personnel.
 - Training and certifying prime contractor's NDT personnel as per their WP.
 - Review NDT procedures received from sub-contractors third party agencies prior to submitting for Saudi Aramco approvals.
 - Review, approve NDT procedures and NDT personnel CVs from IK & OOK Vendors and sub-contractor NDT providers.
 - 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: signature: 
 Turki F Alshehri
 ASNT NDT Level III-227823

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

10.4

PERSONNEL QUALIFICATIONS

Loay Gamaledeen Saad

	SPECIALIZED OIL & GAS ENGINEERING CO.LTD	SOGEC-TF-015
	CERTIFICATE OF EYE TEST	
	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, 2011 Edition.

Name: Mr. Loay Gamaledeen Saad Certification File Number: 5701

Test Description	Test Results	
Near Vision Acuity 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
Color Vision Ability to differentiate colors in Ishihara Test plates 1-7	<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL
Shades of Gray	<input checked="" type="checkbox"/> PASS	<input type="checkbox"/> FAIL
Test Condition	<input type="checkbox"/> UN CORRECTED	<input checked="" type="checkbox"/> CORRECTED

Date of test: 30/10/2022

Date of Expiry: 29/10/2023

Examined By:

Name & Title: Sivaprasad Nair, NDT Instructor

Signature: 



P.O.Box No.6897 Dammam 31452 Tel: +966 (013) 814 3737 Fax: +966 (013) 814 4849
 www.ikgroup.com

10.4

PERSONNEL QUALIFICATIONS

Abdelaziz Adel El Gamal



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
Non-destructive testing	ASNT - II	SOGEC
• Radiographic Testing (RT)	• Magnetic Testing (MT)	
• Ultrasonic Testing (UT)	• Penetrant Testing (PT)	
Lean Six Sigma	Green Belt	American University in Cairo
Lean Six Sigma	Yellow Belt	American University in Cairo

10.4

PERSONNEL QUALIFICATIONS

Abdelaziz Adel El Gamal

**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.

10.4

PERSONNEL QUALIFICATIONS

Abdelaziz Adel El Gamal



10.4

PERSONNEL QUALIFICATIONS

Abdelaziz Adel El Gamal



10.4 PERSONNEL QUALIFICATIONS

Abdelaziz Adel El Gamal



verifies that
Abdel-Aziz Adel El-Gamal

HAS MET THE ESTABLISHED AND PUBLISHED REQUIREMENTS FOR API CERTIFICATION AS AN
API 570 PIPING INSPECTOR

IN ACCORDANCE WITH THE KNOWLEDGE DEFINED IN THE **API Standard 570**

CERTIFICATION NUMBER	62247
ORIGINAL CERTIFICATION DATE	November 30, 2015
CURRENT CERTIFICATION DATE	November 30, 2021
EXPIRATION DATE	November 30, 2024

Abdel-Aziz Adel El-Gamal
Director, Individual Certification Programs



Copyright © 2024, American Petroleum Institute, all rights reserved. API, the API logo and the ICP mark are trademarks or registered trademarks of API in the United States and other countries. This certificate is the property of the American Petroleum Institute. It may be reproduced or transmitted in any form or by any means electronic or mechanical, including photocopying and recording, or by any information storage or retrieval system, except as may be permitted in writing by API. For more information, contact the American Petroleum Institute, 2201 Westchase Avenue, Houston, TX 77063, U.S.A. (281) 238-3400.

10.4 PERSONNEL QUALIFICATIONS

Abdelaziz Adel El Gamal



verifies that
Abdel-Aziz Adel El-Gamal

HAS MET THE ESTABLISHED AND PUBLISHED REQUIREMENTS FOR API CERTIFICATION AS AN
API 577 WELDING INSPECTION AND METALLURGY

IN ACCORDANCE WITH THE KNOWLEDGE DEFINED IN THE **API Recommended Practice 577**

CERTIFICATION NUMBER	63249
ORIGINAL CERTIFICATION DATE	January 31, 2016
CURRENT CERTIFICATION DATE	January 31, 2022
EXPIRATION DATE	January 31, 2025

Abdel-Aziz Adel El-Gamal
Director, Individual Certification Programs



Copyright © 2024, American Petroleum Institute, all rights reserved. API, the API logo and the ICP mark are trademarks or registered trademarks of API in the United States and other countries. This certificate is the property of the American Petroleum Institute. It may be reproduced or transmitted in any form or by any means electronic or mechanical, including photocopying and recording, or by any information storage or retrieval system, except as may be permitted in writing by API. For more information, contact the American Petroleum Institute, 2201 Westchase Avenue, Houston, TX 77063, U.S.A. (281) 238-3400.

10.4

PERSONNEL QUALIFICATIONS

Abdelaziz Adel El Gamal



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

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

10.4

PERSONNEL QUALIFICATIONS

Abdelaziz Adel El Gamal

Certificate No: 235207
Print Date: 16/08/2022

رقم الشهادة:
تاريخ الطباعة:



هيئة الرقابة النووية والإشعاعية
Nuclear and Radiological Regulatory Commission

RSO Certificate

شهادة مسؤول الحماية من الإشعاع

This Certificate was awarded to work as a Radiation Safety Officer as per the below data:

منحت هذه الشهادة للعمل كمسؤول حماية من الإشعاع حسب البيانات أدناه:

License Number	2718	رقم الرخصة
Name	عبدالعزیز عادل الجمل ABDELAZIZ ADEL ELGAMAL	اسم حامل الشهادة
National ID/Iqama No	2375462195	الهوية الوطنية/رقم الإقامة
Practice	التصوير الإشعاعي الصناعي - Industrial Radiography • التصوير الإشعاعي الصناعي باستخدام أنظمة الأشعة السينية - Industrial radiography using X-ray systems • التصوير الإشعاعي الصناعي باستخدام مصادر محتوية عالية النشاطية - Industrial radiography using High Activity Sealed Sources	الممارسة
Issuance Date	24/11/2021	تاريخ الإصدار
Expiry Date	24/11/2023	تاريخ الانتهاء

Verification



التحقق

للتأكد من صلاحية الشهادة نرجو استخدام رقم الشهادة المطبوعة ورقم الرخصة من خلال بوابة الشهادات الإلكترونية لهيئة الرقابة النووية والإشعاعية على الرابط التالي:
<https://rsolicensing.nrrc.gov.sa/check>

Note:

- Any correction, alteration, or amendment made to this certificate will render it invalid.
- This certificate is valid for only one month from the date of issue.
- This is an approved electronic certificate issued by NRRCC.

ملاحظة:

- أي خطأ أو تعديل في هذه الشهادة يغيرها.
- الشهادة المطبوعة صالحة لشهر واحد فقط من تاريخ الطباعة.
- الشهادة الإلكترونية معتمدة صادرة من هيئة الرقابة النووية والإشعاعية.

10.4

PERSONNEL QUALIFICATIONS

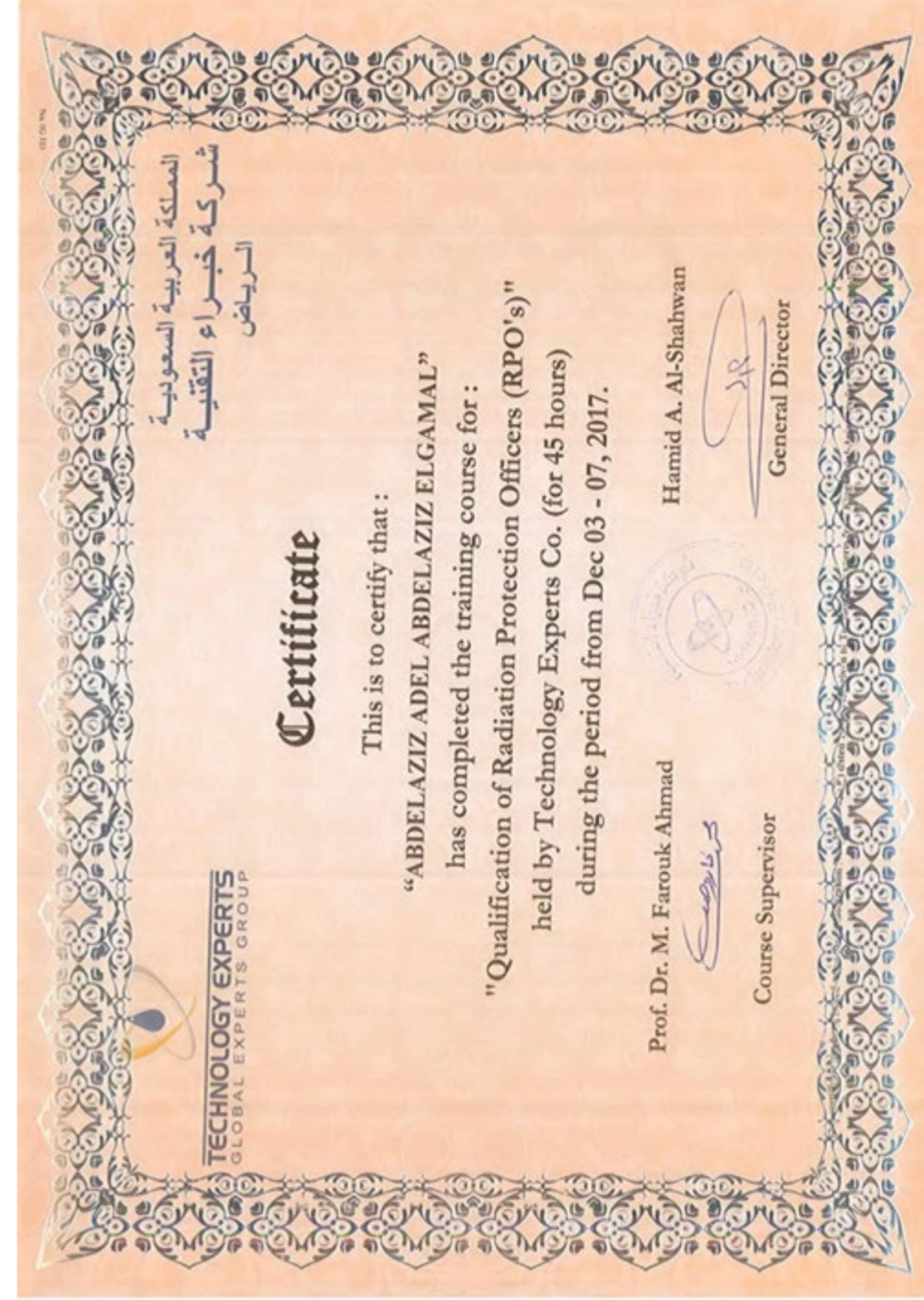
Abdelaziz Adel El Gamal



10.4

PERSONNEL QUALIFICATIONS

Abdelaziz Adel El Gamal



10.4

PERSONNEL QUALIFICATIONS

Abdelaziz Adel El Gamal



10.4

PERSONNEL QUALIFICATIONS

Abdelaziz Adel El Gamal

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

Li
Institute Director



October 2014

Date

Participant No. 600131753
MC 14- 0025

10.4

PERSONNEL QUALIFICATIONS

Abdelaziz Adel El Gamal

 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. 600331763

MC 14 - 0537

10.4

PERSONNEL QUALIFICATIONS

Ram Bharat



Ram Bharat
Radiation Safety Officer (RSO)

▪ **Personal Information**

Date of Birth	04-July-1972	Iqama No#	2411195288
Nationality	Indian	Driving License	✓
Blood Group	B-	Total Experience	18 Years

▪ **Education**

Certification	
BSC Math	

▪ **Other Qualification**

Certification	Level	Certified by
Radiation Safety Officer (RSO)	-	KACARE, Saudi Arabia
Radiographic Testing	Level III	ASNT
Magnetic Particle Testing	Level III	ASNT
Radiographic Film Interpretation (RTFI)	ASNT-II	Saudi Aramco
Radiographic Testing	ASNT-II	SOGEC
Magnetic Particle Testing	ASNT-II	SOGEC
Penetrant Testing	ASNT-II	SOGEC

▪ **Experience**

Company	Specialized Oil & Gas Engineering Co. (SOGEC)
Employment Period	2016 – Present (Worked In Sogec From 2007 to 2012)
Title	RSO – Radiation Safety Officer
Working Method	RT ,PT ,MT & UT

Specialized Oil & Gas Engineering Co. Ltd.

10.4 PERSONNEL QUALIFICATIONS

Ram Bharat

sogec-NDT

Duties /Responsibilities	<ul style="list-style-type: none"> To train new radiation workers in the theory and practice of working with ionising radiation To contribute to the risk assessment and risk management process associated with radiation producing equipments and RT activities To maintain all relevant documentation in accordance with procedures, and to comply with statutory health and safety requirements. To ensure records are available for inspection by authorised users and external agencies To co-ordinate the storage, use, handling and transport of radioactive substances and to ensure waste radioactive materials are disposed of in a safe and appropriate manner Maintain dose rate records, calibration records of survey equipments etc. Perform periodical audits at company work sites and source storage areas for compliance to local regulations
---------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Company	AMO & Partners Engineering company, KSA
Employment Period	2013 – 2015
Title	Radiation safety officer (Principal) & Supervisor
Working Method	RT

Duties	Performing all NDT activity, Co-ordination of site and related to all radiation safety activities with highly responsibility
---------------	------------------------------------------------------------------------------------------------------------------------------

Company	M/S OMTECH NDT Services Surat, Gujarat
Employment Period	2012 - 2013
Title	NDT Technician
Working Method	RT

Duties	Performing Conventional NDT – RT, MT, PT and RTFI at client sites and Co-ordination of site activities
---------------	--------------------------------------------------------------------------------------------------------

Company	Specialized Oil & Gas Engineering Co. (SOGEC)
Employment Period	2007-2012
Title	NDT technicians (Multi)
Working Method	RT

Specialized Oil & Gas Engineering Co. Ltd.

10.4 PERSONNEL QUALIFICATIONS

Ram Bharat

ASNT Certification Services LLC.
 Be it known that
Ram Bharat Gaur
 Has met the established and published Requirements for Certification by ASNT Certification Services LLC. as
NDT Level III
 In the following Nondestructive Testing Methods:

Method	Issue Date	Expiration Date
Liquid Penetrant Testing	1/22	1/27
Magnetic Particle Testing	2/19	2/24
Radiographic Testing	11/18	11/23
Ultrasonic Testing	3/22	3/27
Visual Testing	5/22	5/27

231860
 Certificate Number

John J. Finney
 ASNT Certification Services, LLC, President

John S.
 Certification Management Committee
 Chair

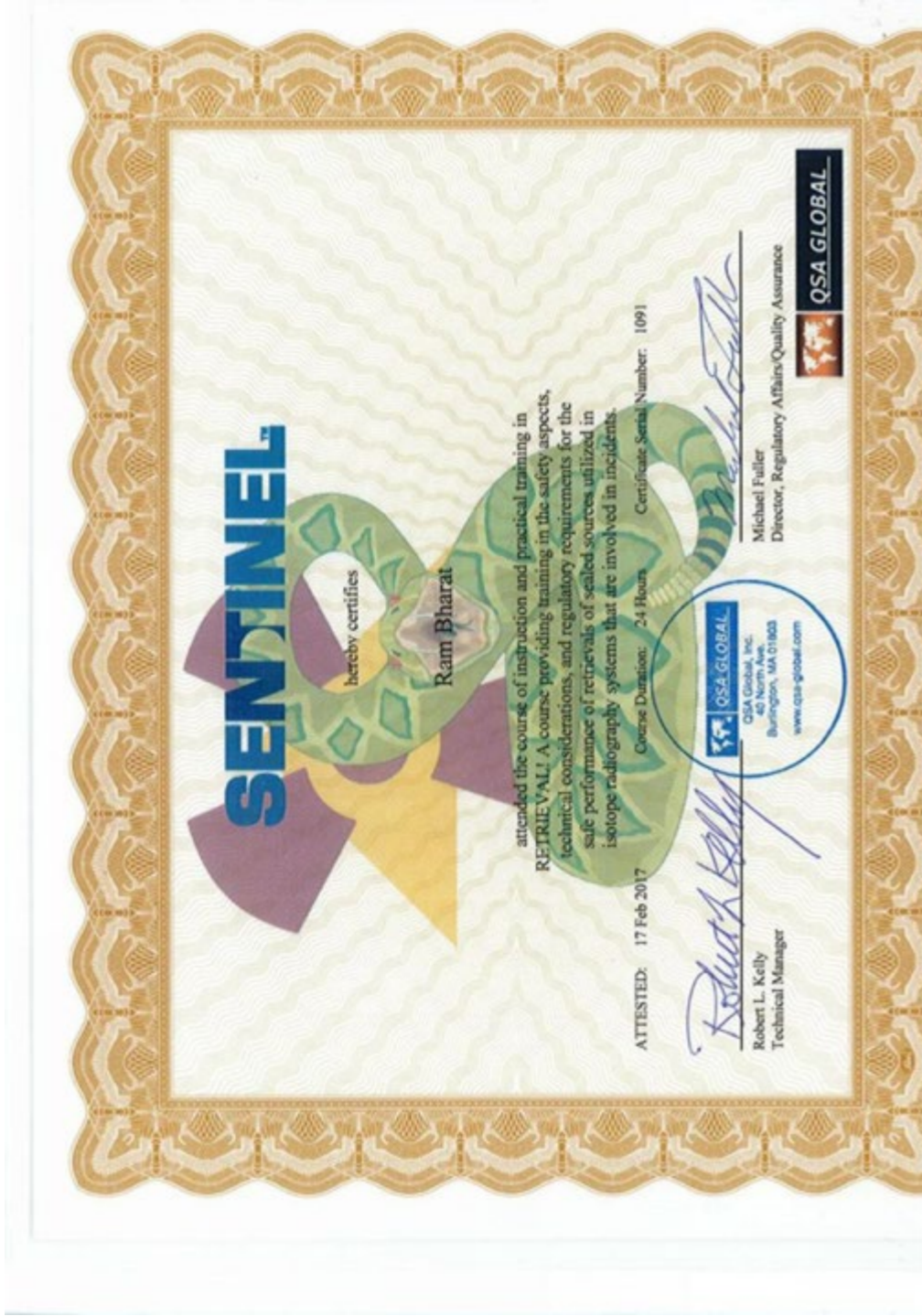
ANSI
 ISO/IEC 17024
 ACCREDITED
 2004

ASNT

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 Certification Services LLC., is not official without ASNT Certification Services LLC.'s raised gold seal, and is subject to revocation prior to the listed expiration date. This certificate shall be verified on <https://asntcertification.org> or by contacting ASNT Certification Services LLC.

10.4 PERSONNEL QUALIFICATIONS

Ram Bharat



10.4 PERSONNEL QUALIFICATIONS

Ram Bharat



10.4

PERSONNEL QUALIFICATIONS

Ram Bharat

sogec-NDT SPECIALIZED OIL & GAS ENGINEERING CO.LTD

CERTIFICATE OF QUALIFICATION

Certificate No : **SOGEC/RTFI/E753 R1** Certification Date: **31/03/2021**

This is to certify
Mr. Ram Bharat, ID# E753

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, 2016 Edition. He is hereby certified to:

LEVEL : II

Method: Radiographic Film Interpretation(RTFI)

Examination results	
General Theory	90.00%
Specific Theory	90.00%
Practical	90.00%
Composite Grade	90.00%


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

Certification Validity	
Date of Certification	31/03/2021
Certification Expiry	30/03/2026

Initial Certification Reference(Applicable only for 5 year recertification)	
Initial Certification No.	SOGEC/RTFI/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 expired when employment is terminated.

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



10.4

PERSONNEL QUALIFICATIONS

Ram Bharat

sogec-NDT SPECIALIZED OIL & GAS ENGINEERING CO.LTD

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)

Examination results	
General Theory	NA
Specific Theory	90.00%
Practical	NA
Composite Grade	90.00%


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

Certification Validity	
Date of Certification	10/05/2022
Certification Expiry	09/05/2027

Initial Certification Reference(Applicable only for 5 year recertification)	
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
Loay G. S.
SOGEC NDT Level III
RT,UT,MT,PT & VT
ASNT ID# 184049



10.4

PERSONNEL QUALIFICATIONS

Ram Bharat

sogec-NDT SPECIALIZED OIL & GAS ENGINEERING CO.LTD

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)

Examination results	
General Theory	NA
Specific Theory	93.33%
Practical	NA
Composite Grade	93.33%




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

Certification Validity	
Date of Certification	08/05/2022
Certification Expiry	07/05/2027

Initial Certification Reference (Applicable only for 5 year recertification)	
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

P.O.Box No.6897 Dammam 31452 Tel: +966 (013) 814 3737 Fax: +966 (013) 814 4849 www.ikkgroup.com

10.4

PERSONNEL QUALIFICATIONS

Ram Bharat

sogec-NDT SPECIALIZED OIL & GAS ENGINEERING CO.LTD

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)

Examination results	
General Theory	NA
Specific Theory	93.33%
Practical	NA
Composite Grade	93.33%


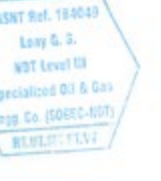

Visual Examination Results	
Vision Acuity (Right Eye)	J1
Vision Acuity (Left Eye)	J1
Colour Vision	Normal
Shades of Grey	Normal

Certification Validity	
Date of Certification	09/05/2022
Certification Expiry	08/05/2027

Initial Certification Reference (Applicable only for 5 year recertification)	
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


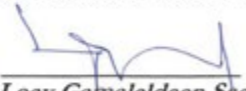






P.O.Box No.6897 Dammam 31452 Tel: +966 (013) 814 3737 Fax: +966 (013) 814 4849 www.ikkgroup.com

10.4

PERSONNEL QUALIFICATIONS


Ram Bharat

 SPECIALIZED OIL & GAS ENGINEERING CO.LTD																					
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)																					
<table border="1"> <thead> <tr> <th colspan="2">Examination results</th> </tr> </thead> <tbody> <tr> <td>General Theory</td> <td>NA</td> </tr> <tr> <td>Specific Theory</td> <td>90.00%</td> </tr> <tr> <td>Practical</td> <td>NA</td> </tr> <tr> <td>Composite Grade</td> <td>90.00%</td> </tr> </tbody> </table>	Examination results		General Theory	NA	Specific Theory	90.00%	Practical	NA	Composite Grade	90.00%	<table border="1"> <thead> <tr> <th colspan="2">Visual Examination Results</th> </tr> </thead> <tbody> <tr> <td>Vision Acuity (Right Eye)</td> <td>J1</td> </tr> <tr> <td>Vision Acuity (Left Eye)</td> <td>J1</td> </tr> <tr> <td>Colour Vision</td> <td>Normal</td> </tr> <tr> <td>Shades of Grey</td> <td>Normal</td> </tr> </tbody> </table>	Visual Examination Results		Vision Acuity (Right Eye)	J1	Vision Acuity (Left Eye)	J1	Colour Vision	Normal	Shades of Grey	Normal
Examination results																					
General Theory	NA																				
Specific Theory	90.00%																				
Practical	NA																				
Composite Grade	90.00%																				
Visual Examination Results																					
Vision Acuity (Right Eye)	J1																				
Vision Acuity (Left Eye)	J1																				
Colour Vision	Normal																				
Shades of Grey	Normal																				
<table border="1"> <thead> <tr> <th colspan="2">Certification Validity</th> </tr> </thead> <tbody> <tr> <td>Date of Certification</td> <td>11/05/2022</td> </tr> <tr> <td>Certification Expiry</td> <td>10/05/2027</td> </tr> </tbody> </table>	Certification Validity		Date of Certification	11/05/2022	Certification Expiry	10/05/2027	<table border="1"> <thead> <tr> <th colspan="2">Initial Certification Reference (Applicable only for 5 year recertification)</th> </tr> </thead> <tbody> <tr> <td>Initial Certification No.</td> <td>UT/E753 R1</td> </tr> </tbody> </table>	Initial Certification Reference (Applicable only for 5 year recertification)		Initial Certification No.	UT/E753 R1										
Certification Validity																					
Date of Certification	11/05/2022																				
Certification Expiry	10/05/2027																				
Initial Certification Reference (Applicable only for 5 year recertification)																					
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 Gamaledeen Shad SOGEC NDT Level III RT,UT,MT,PT & VT ASNT ID# 184049	  																				
P.O.Box No.6897 Dammam 31452 Tel: +966 (013) 814 3737 Fax: +966 (013) 814 4849 www.ikkgroupp.com																					

10.4

PERSONNEL QUALIFICATIONS

Ram Bharat

	SPECIALIZED OIL & GAS ENGINEERING CO.LTD	SOGEC-TF-015
	CERTIFICATE OF EYE TEST	
		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
Near Vision Acuity 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
Color Vision Ability to differentiate colors in Ishihara Test plates 1-7	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
Shades of Gray	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
Test Condition	<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: 



10.4

PERSONNEL QUALIFICATIONS

Yasser Mohamed Eletrabi

sogec-NDT
Yasser Mohamed Mahmoud Mustafa Eletrabi
RADIATION SAFETY OFFICER

▪ **Personal Information**

Date of Birth	19-Jun-1983	Iqama No#	2419941725
Nationality	Egyptian	Driving License	Yes
Blood Group	A+	Total Experience	14 Years

▪ **Education**

Bachelor of Science in Chemistry and Physics

▪ **CNDT Certification**

Certification	Level	Certified by	Expiry date
RSO	II	NRRC	31-Jul-2023
EYE Test	N/A	SOGEC	01-Nov-2021

▪ **Experience**

Company	Specialized Oil & Gas Engineering Co. (SOGEC)
Employment Period	2016- Present
Title	Radiation Safety Officer
Working Method	Radiation Safety

Work Location: Saudi Aramco service order in Dhahran (OID) plant.

Duties

1-	Be proficient in the duties and responsibilities of a Radiation Protection Officer as defined by the National Regulations;
2-	Proficient in the performance of Radiographic Testing (RT) and Radiographic Film Interpretation (RTFI);
3-	Conduct radiation safety assessments of field operations, facilities, and documentation to assure compliance with Saudi Aramco radiation safety procedures and National regulations;
4-	Coordination of radiography in complex environments such as refinery operations;
5-	Be conversant with and provide advice on the National Regulations and International Standards for radiation safety, and industrial

Specialized Oil & Gas Engineering Co. Lt

10.4

PERSONNEL QUALIFICATIONS

Yasser Mohamed Eletrabi

sogec-NDT

Duties

standards for radiography applications such as ASME Section V, ASME Section VIII, ANSI (B31 .1, ANSI B31.3, API 1104, AWS 01.1, etc.:

6- Administer assigned functions of the Saudi Aramco radiation safety procedures with regards to the defined duties and responsibilities of the Radiation Safety Officer.

7- Conduct activities related to the use, handling, transportation, and storage of radioactive sources in accordance with Saudi Aramco Radiation Protection/Safety Procedures and the National Regulations;

8- Carry out assignments as directed by individual's supervisor and coordination of activities to assure completion;

9- Prepare inspection reports and maintain inspection records.

10- ensure proper usage and storage of SAUDI ARAMCO materials;

11- Perform assigned activities at Saudi Aramco plants, field locations, fabrication yards, vendor shops, or any other location designated by SAUDI ARAMCO in accordance with applicable Saudi Aramco procedures and standards and/or international specifications, codes and standards. Be prepared, as required, to relocate principal work location;

12- maintain a continual review of Saudi Aramco procedures and standards related to NDT and the application of NDT methods;

13- As and when required, provide on -the-job training for other employees and contractor technicians working for Saudi Aramco.

14- Attend meetings associated with the WORK.

15- Drive vehicles, as required to perform the WORK.

Work Location

Company	NDT CCS Saudi Arabia
Employment Period	2013-2015
Title	Radiation safety officer
Working Method	Radiation safety

• Performing all NDT activity, Co-ordination of site and related to oil radiation safety activities with highly responsibility.

• To monitor closely NDT technician requirements reference to radiation safety , i.e. technician monthly TLD report, CBC and other safety requirements that the clients my required from time to time when it comes to the implementation of safety procedures.

• Ensuring all NDT activities are closely monitored in compliance to the safety requirements of KACST regulating body of Saudi Arabia.

Specialized Oil & Gas Engineering Co. Lt

10.4

PERSONNEL QUALIFICATIONS

Yasser Mohamed Eletrabi



Company	Gulf Quality Control, Al-Khobar, Saudi Arabia
Employment Period	2008-2013
Title	Radiation safety officer
Working Method	Radiation safety

Work Location	<ul style="list-style-type: none"> Performing all NDT activity, Co-ordination of site and related to all radiation safety activities with high responsibility. Control the documentation of all the activities related to radiation safety. Monitor all safety requirements of the clients. Ensuring calibration and maintenance is being performed to all equipment requiring calibration.
---------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Company	CITRON, Egypt
Employment Period	2007-2008
Title	NDT Technician
Working Method	RT, MT, PT

Work Location	<ul style="list-style-type: none"> Performing all NDT activity, Co-ordination of site and related to all radiation safety activities with high responsibility. Control the documentation of all the activities related to radiation safety. Monitor all safety requirements of the clients. Ensuring calibration and maintenance is being performed to all equipment requiring calibration.
---------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Specialized Oil & Gas Engineering Co. Lt

10.4

PERSONNEL QUALIFICATIONS

Yasser Mohamed Eletrabi

المملكة العربية السعودية
هيئة الرقابة النووية والإشعاعية
Nuclear and Radiological Regulatory Commission
قطاع الرقابة الإشعاعية (RRS)

جددت هذه الشهادة للسيد
ياسر محمد محمود مصطفى الاترابي
رقم الهوية: 2419941725
الشركة المميزة لأعمال البترول والغاز - الدمام
للعمل كمسؤول حماية من الإشعاع في مجال
تصوير إشعاعي صناعي

رئيس قطاع الرقابة الإشعاعية
د. عوض بن أحمد الزهراني


رئيس قطاع الرقابة الإشعاعية
ياسر محمد محمود مصطفى الاترابي

رقم الشهادة : 2288
صدرت في : 1442/1/14 هـ
تنتهي في : 1446/1/13 هـ

10.4

PERSONNEL QUALIFICATIONS

Yasser Mohamed Eletrabi



SPECIALIZED OIL & GAS ENGINEERING CO.LTD

CERTIFICATE OF QUALIFICATION

Certificate No : **SOGEC/RT/23418** Certification Date: **08/02/2022**

This is to certify
Mr. Yasser Elatrbi, ID# 23418

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 Testing (RT)

Examination results	
General Theory	85.00%
Specific Theory	82.50%
Practical	88.00%
Composite Grade	85.17%




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

Certification Validity	
Date of Certification	08/02/2022
Certification Expiry	07/02/2027

Initial Certification Reference (Applicable only for 5 year recertification)	
Initial Certification No.	-

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

10.4

PERSONNEL QUALIFICATIONS

Yasser Mohamed Eletrabi

	SPECIALIZED OIL & GAS ENGINEERING CO.LTD	SOGEC-TF-015
	CERTIFICATE OF EYE TEST	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, 2011 Edition.

Name: **Mr. Yasser M Mahmoud Moustafa** Certification File Number: **23418**

Test Description	Test Results
Near Vision Acuity 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
Color Vision Ability to differentiate colors in Pseudo isochromatic Test plates 1-7	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
Shades of Gray	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
Test Condition	<input checked="" type="checkbox"/> UN CORRECTED <input type="checkbox"/> CORRECTED

Date of test: **18/08/2022**

Date of Expiry: **17/08/2023**

Examined By:

Name & Title: **Saju Xavier, NDT Level III**



Signature:



10.4

PERSONNEL QUALIFICATIONS

Rupesh Nair

Rupesh Nair

Technical Manager - NDT

Saiman Al Farisi St, Al Khaldiayah, Dammam
Direct: +966 (013) 892 3735
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	Technical Manager / NDT level III Specialized Oil & Gas Engineering Company (Sogec), Dammam, Saudi Arabia
2009 - 2022	NDT Instructor Jubail Industrial College, Saudi Arabia
2008 - 2009	Operations Supervisor / Radiation Protection Officer AXIS Inspection Technologies, Khobar, Saudi Arabia
2007 - 2007	NDT Inspector / NDT Instructor HAINSCO, Khobar, Saudi Arabia
2007 - 2007	OCTG / BHA Inspector Special Oilfield Services, Muscat, Oman
2004 - 2006	NDT Inspector HAINSCO, Khobar, Saudi Arabia
2003 - 2004	NDT Inspector InjoTech, Pune ,Mumbai,India
2001 - 2003	Junior Inspector PLEXTECH Inspection Technologies, Mumbai, India

10.4

PERSONNEL QUALIFICATIONS

Rupesh Nair

Rupesh Nair - Resume

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

10.4

PERSONNEL QUALIFICATIONS

Rupesh Nair

Rupesh Nair - Resume

 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

10.4

PERSONNEL QUALIFICATIONS

Rupesh Nair

Rupesh Nair - Resume

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

10.4 PERSONNEL QUALIFICATIONS

Rupesh Nair

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

sogec
ISO CERTIFIED
9001 : 2015

الشركة المميزة لأعمال البترول والغاز ذ.م.م
س.م.ك. ٢٠٥٠٠٤٥٩٨٥ رقم العضوية ٤٩٤٨٧ رأس المال ١,٢٥٠,٠٠٠ ر.س
قسم الحماية الكاثودية، والخوصات الحرارية والتلابة 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)

sogec www.kcg.cc
P. O. Box 6897 - Dammam 31452 - Saudi Arabia
ص.ب. ٦٨٩٧ - الدمام ٣١٤٥٢ - المملكة العربية السعودية
تلف: +٩٦٦-١٣-٨٥٢ ٣٧٧٧ - فاكس: +٩٦٦-١٣-٨١٤ ٤٨٤٩
E-mail: sogeccp.dammam@ikkgroupp.com / sogecndt.dammam@ikkgroupp.com

IKK www.ikk-group.com

10.4 PERSONNEL QUALIFICATIONS

Rupesh Nair

sogec-NDT SPECIALIZED OIL & GAS ENGINEERING CO.LTD

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)


Examination results	
General Theory	NA
Specific Theory	93.3 %
Practical	NA
Composite Grade	93.3%


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


Certification Validity	
Date of Certification	20/02/2023
Certification Expiry	19/02/2028

Initial Certification Reference (Applicable only for 5 year recertification)	
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.


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





P.O.Box No.6897 Dammam 31452 Tel: +966 (013) 814 3737 Fax: +966 (013) 814 4849 www.ikkgroup.com

10.4

PERSONNEL QUALIFICATIONS

Rupesh Nair



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)

Examination results	
General Theory	NA
Specific Theory	83.3 %
Practical	NA
Composite Grade	83.3%

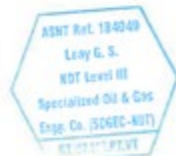
Visual Examination Results	
Vision Acuity (Right Eye)	J1
Vision Acuity (Left Eye)	J1
Colour Vision	Normal
Shades of Grey	Normal

Certification Validity	
Date of Certification	20/02/2023
Certification Expiry	19/02/2028

Initial Certification Reference (Applicable only for 5 year recertification)	
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



10.4

PERSONNEL QUALIFICATIONS

Rupesh Nair



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)

Examination results	
General Theory	NA
Specific Theory	93.3 %
Practical	NA
Composite Grade	93.3%

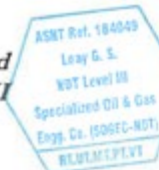
Visual Examination Results	
Vision Acuity (Right Eye)	J1
Vision Acuity (Left Eye)	J1
Colour Vision	Normal
Shades of Grey	Normal

Certification Validity	
Date of Certification	20/02/2023
Certification Expiry	19/02/2028

Initial Certification Reference (Applicable only for 5 year recertification)	
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



10.4

PERSONNEL QUALIFICATIONS

Rupesh Nair

sogec-NDT SPECIALIZED OIL & GAS ENGINEERING CO.LTD

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)

Examination results	
General Theory	NA
Specific Theory	86.6 %
Practical	NA
Composite Grade	86.6%

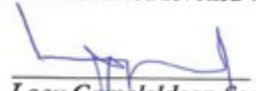


Visual Examination Results	
Vision Acuity (Right Eye)	J1
Vision Acuity (Left Eye)	J1
Colour Vision	Normal
Shades of Grey	Normal

Certification Validity	
Date of Certification	20/02/2023
Certification Expiry	19/02/2028

Initial Certification Reference (Applicable only for 5 year recertification)	
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

P.O.Box No.6897 Dammam 31452 Tel: +966 (013) 814 3737 Fax: +966 (013) 814 4849 www.ikgroup.com

10.4

PERSONNEL QUALIFICATIONS

Rupesh Nair

The American Society for Nondestructive Testing, Inc.
 Be it known that
Rupesh Nair
 Has met the established and published Requirements for Certification by ASNT as
NDT Level III
 In the following Nondestructive Testing Methods:



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

182806
 Certificate Number

Loay G. S.
 Certification Management Council Chair


John
 ASNT President

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.

10.4 PERSONNEL QUALIFICATIONS

Rupesh Nair

	SPECIALIZED OIL & GAS ENGINEERING CO.LTD	SOGEC-TF-015
	CERTIFICATE OF EYE TEST	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. Rupesh Nair Certification File Number: 25835

Test Description	Test Results
Near Vision Acuity 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
Color Vision Ability to differentiate colors in Ishihara Test plates 1-7	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
Shades of Gray	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL
Test Condition	<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: 



10.5 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.

SMA 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	2198 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**

10.5
RTFI CARDS

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.

SMA **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 2214	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**

10.5
RTFI CARDS

SAUDI ARAMCO
INSPECTION
DEPARTMENT VERIFIES

704 **Karthikeyan Subramani** **2290844030**

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

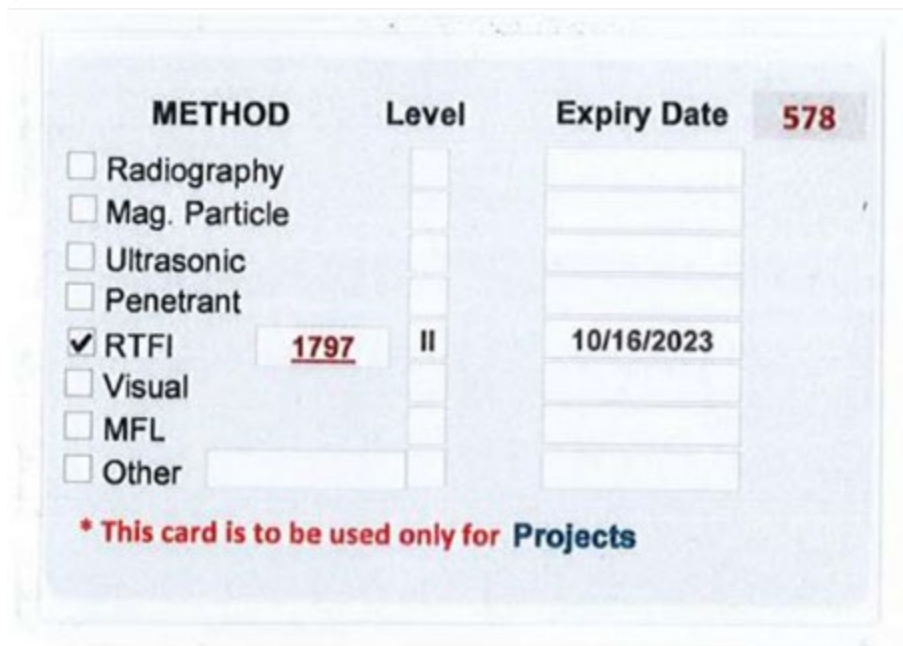
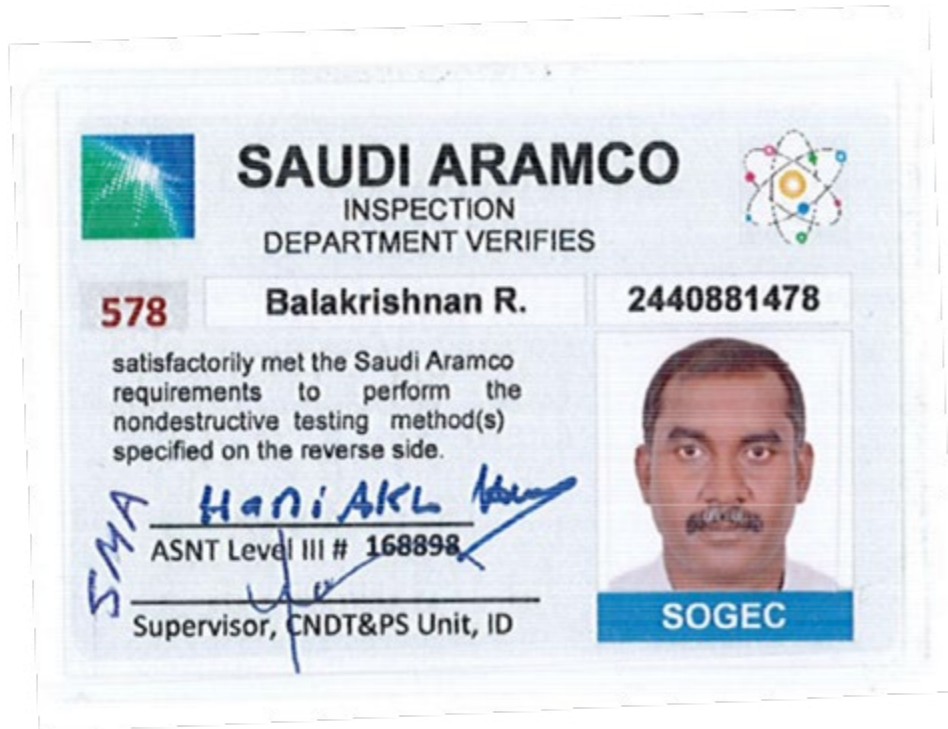
SMA **ASNT Level III # 168898**

Supervisor, CNDT&PS Unit, ID **SOGEC**

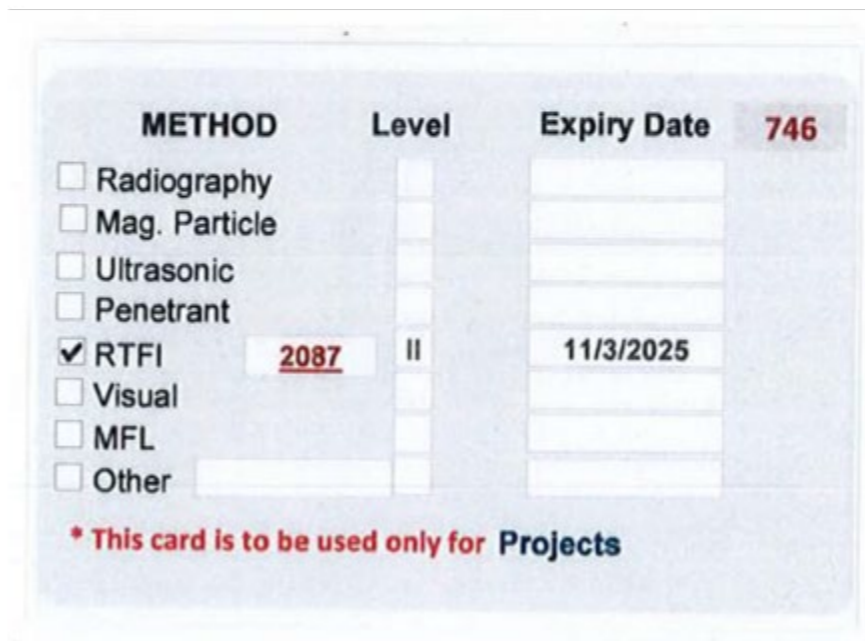
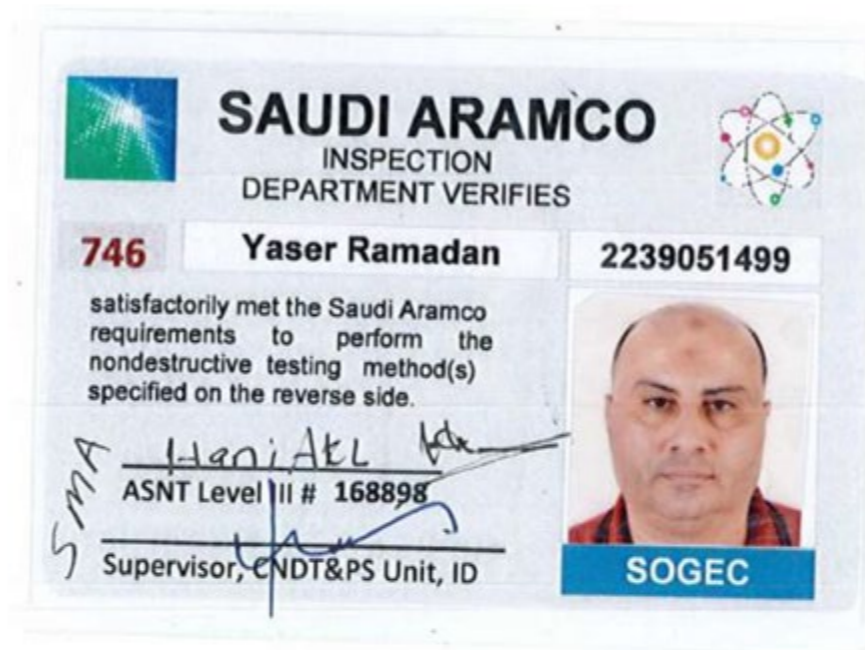
METHOD	Level	Expiry Date	704
<input type="checkbox"/> Radiography			
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input checked="" type="checkbox"/> RTFI 2075	II	11/3/2024	
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			

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

10.5
RTFI CARDS



10.5
RTFI CARDS



10.5
RTFI CARDS

METHOD	Level	Expiry Date	607
<input type="checkbox"/> Radiography			<p>607 Salah Elsayed 2230373553</p> <p>satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.</p> <p><i>SMA</i> <i>Shant</i> 5/7/19 ASNT Level III # 135155 Supervisor, CNDT&PS Unit, ID</p>
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input checked="" type="checkbox"/> RTFI 1881	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

METHOD	Level	Expiry Date	655
<input checked="" type="checkbox"/> Radiography	II	12/11/2023	<p>655 Mohammad Ikram 2311496273</p> <p>satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.</p> <p><i>SMA</i> <i>Ikram</i> ASNT Level III # 168898 Supervisor, CNDT&PS Unit, ID</p>
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input checked="" type="checkbox"/> RTFI 2186	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

METHOD	Level	Expiry Date	559
<input type="checkbox"/> Radiography	II	11/13/2023	<p>559 Mohd. Al-Shammari 1055230336</p> <p>satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.</p> <p><i>SMA</i> <i>Al-Shammari</i> ASNT Level III # 168898 Supervisor, CNDT&PS Unit, ID</p>
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input checked="" type="checkbox"/> RTFI 2196	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

10.5
RTFI CARDS

METHOD	Level	Expiry Date	731
<input type="checkbox"/> Radiography			<p>731 Anish Kumar 2373509584</p> <p>satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.</p> <p><i>SMA</i> <i>Anish</i> ASNT Level III # 168898 Supervisor, CNDT&PS Unit, ID</p>
<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

METHOD	Level	Expiry Date	731
<input checked="" type="checkbox"/> Radiography	II	12/29/2024	<p>731 Anish Kumar 2373509584</p> <p>satisfactorily met the Saudi Aramco requirements to perform the nondestructive testing method(s) specified on the reverse side.</p> <p><i>SMA</i> <i>Anish</i> ASNT Level III # 168898 Supervisor, CNDT&PS Unit, ID</p>
<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

10.5
RTFI CARDS

METHOD	Level	Expiry Date	241
<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

241 Johnson Cherian J. 2306738283

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

SMA Hani Akk Hani
ASNT Level II # 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

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.

AMA Hani Akk Hani
ASNT Level III # 168898

Supervisor, CNDT&PS Unit, ID



SOGEC

METHOD	Level	Expiry Date	797
<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	2203 II	6/6/2026	
<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

797 Jaburullah Mohammed 2331450136

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

SMA Hani Akk Hani
ASNT Level II # 168898

Supervisor, CNDT&PS Unit, ID



SOGEC

10.5
RTFI CARDS


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.

MAH Hani Akk Hani
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	1902 II	7/25/2026	
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			

* This card is to be used only for Operations

10.5 RTFI CARDS

METHOD	Level	Expiry Date	154
<input checked="" type="checkbox"/> Radiography	II	2/28/2021	
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input checked="" type="checkbox"/> RTFI 2187	II	1/1/2025	
<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

154 E. Raja Rajan 2399170899

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	428
<input type="checkbox"/> Radiography			
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input checked="" type="checkbox"/> RTFI 1924	II	3/7/2027	
<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

428 Nujumul Ali 2186452989

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

SMH
ASNT Level III # 168898
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 2192	II	2/25/2025	
<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

484 Biju Mathew 2199261476

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

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

SOGEC

10.5 RTFI CARDS

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 2066	II	8/1/2026	
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			

* This card is to be used only for Operations

10.5 RTFI CARDS

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

485 AKM Majidul Haque 2422929196

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

MAH
ASNT Level III # 157112

Supervisor, CNDT&PS Unit, ID



SOGEC

METHOD	Level	Expiry Date	644
<input type="checkbox"/> Radiography			
<input type="checkbox"/> Mag. Particle			
<input type="checkbox"/> Ultrasonic			
<input type="checkbox"/> Penetrant			
<input checked="" type="checkbox"/> RTFI	II	8/6/2024	2183
<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

644 Senthil Kumar 2422978318

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

MAH
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	II	8/8/2026	2209
<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

533 Abdurashed Kunju 2440236111

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

10.5 RTFI CARDS


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
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	II	11/16/2026	2213
<input type="checkbox"/> Visual			
<input type="checkbox"/> MFL			
<input type="checkbox"/> Other			

* This card is to be used only for Operations

10.5 RTFI CARDS

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			

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, NDTTSU Unit, ID



SOGEC

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


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			

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

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


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			

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

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

10.5 RTFI CARDS

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

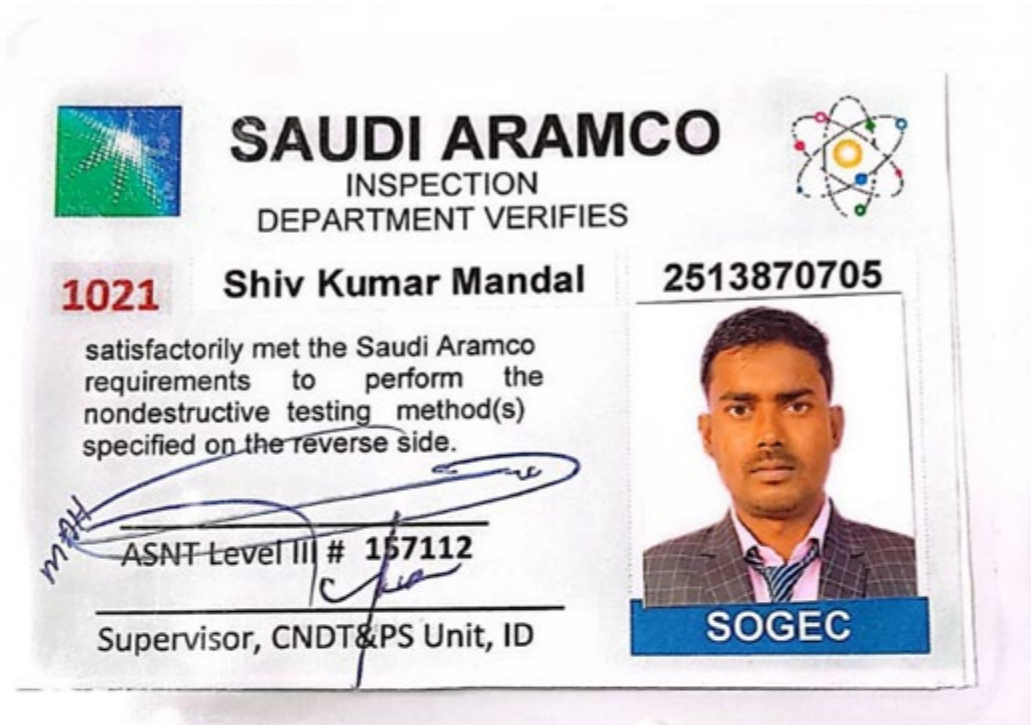


SOGEC

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*

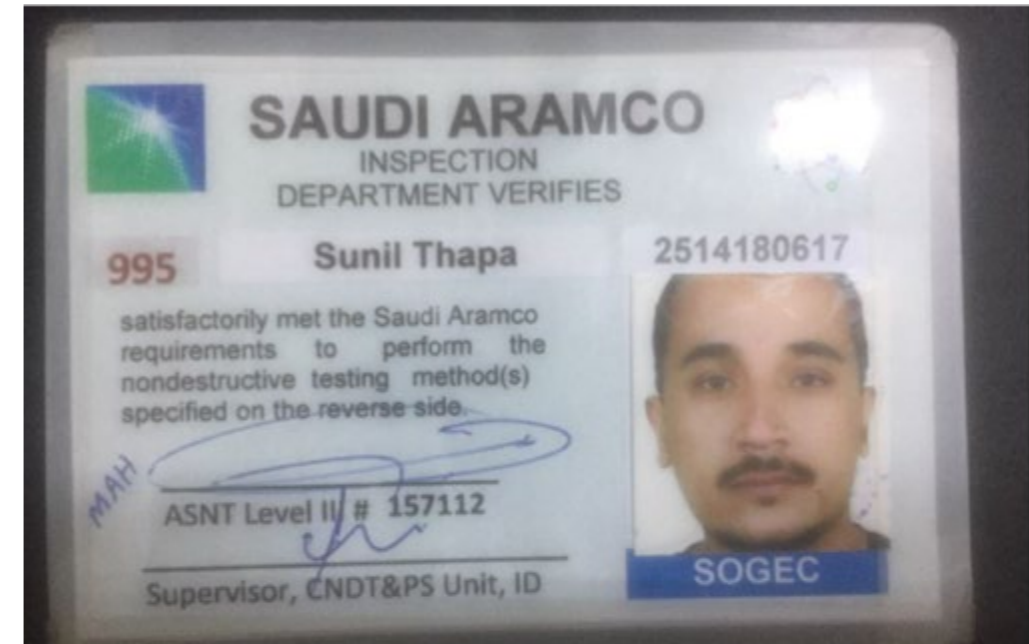
10.5
RTFI CARDS



METHOD	Level	Expiry Date	1021
<input checked="" type="checkbox"/> Radiography	II	7/4/2027	
<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**

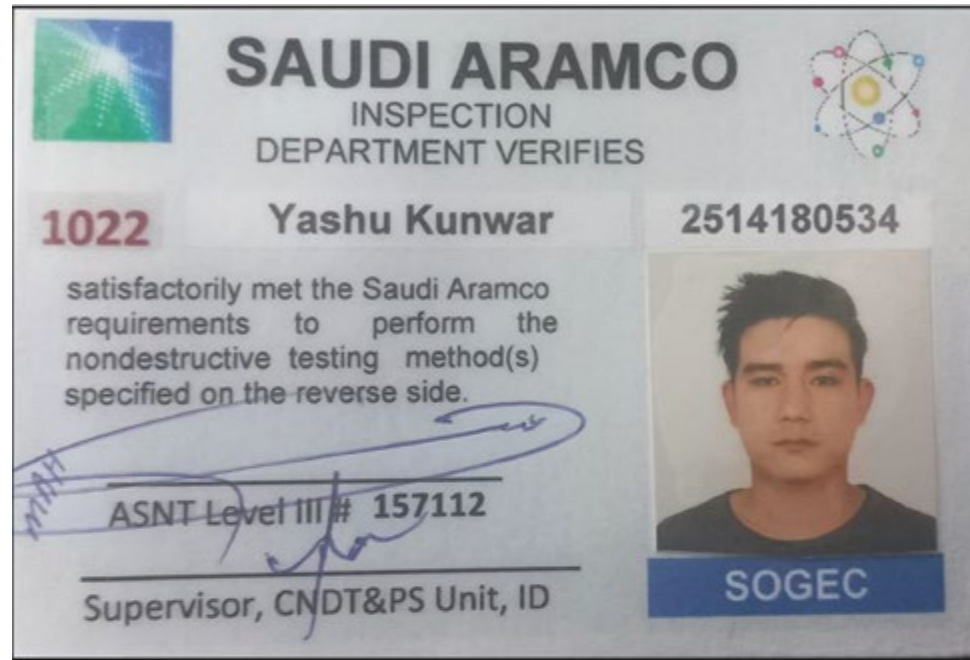
10.5
RTFI CARDS



METHOD	Level	Expiry Date	995
<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**

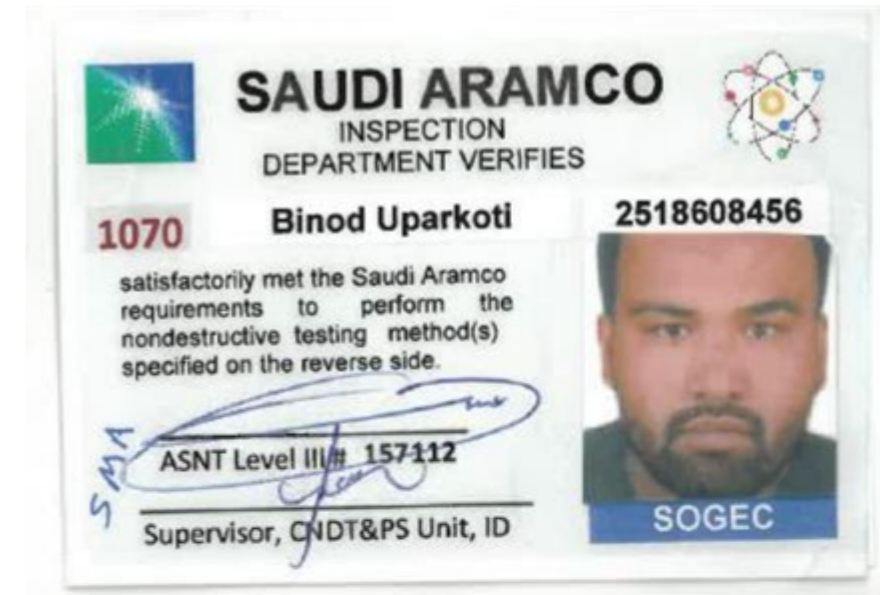
10.5
RTFI CARDS



METHOD	Level	Expiry Date	1022
<input checked="" type="checkbox"/> Radiography	II	7/4/2027	
<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

10.5
RTFI CARDS



METHOD	Level	Expiry Date	1070
<input checked="" type="checkbox"/> Radiography	II	11/16/2027	
<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

10.5
RTFI CARDS

389 Sundara Mahalingam 2262408467

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	389
<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**

10.5
RTFI CARDS

1071 Sattya Bisunkhe 2513870820

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	1071
<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**

11. Projects

11. PROJECTS

11.1 COMPLETED MAJOR CATHODIC PROTECTION PROJECTS

Date	Project	Client	End Client	Location
-24Apr14-	Cathodic Protection System for Jazan Refinery and Terminal Project. (Package 2#)	Hyundai Arabia Company L.L.C	ARAMCO	Jazan
-18Apr18-	Photovoltaic Power Supply for Cathodic Protection System for MYDN and SIDR Wells for ARAMCO	GECAT LTD Co.	ARAMCO	Tabuk
-19Mar15-	Cathodic Protection System Jazan Refinery & Economic City Project-EPC 13, ARAMCO	Hitachi Ltd., Infrastructure Sys. Co.	ARAMCO	Jizan
-19Dec16-	Cathodic Protection System for 60" Pipelines in Petrokemya	ISD (Industrial Services Divion)	SABIC	Jubail
-1Jun14-	Cathodic Protection System for Sea Water Pump Stations for Royal Commission in Ras Al-Khair	FEMCO	Royal Commission	Ras AlKhair
-21Apr14-	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
-17Jun06-	CP.SURVEY & DESIGN FOR WELL CASING (WATER & OIL) DETAIL ENGINEERING FOR KHURAIIS UPSTREAM FACILITIES	SAUDI CONSOLIDATED ENGINEERING CO.(KHATIB ALAMI)	ARAMCO	KHURAIIS
-2Nov04-	Cathodic Protection System MONITORING & MAINTENANCE @ GHAZLAN & QURAYYH POWER PLANT	SCECO	SCECO	GHAZLAN & QURAYYH
-26Mar07-	Cathodic Protection System for Industrial Facilities Expansion project	AL-HARBI TRADING AND CONTRACTING CO.	Royal Commission	Jubail.

11.1 COMPLETED MAJOR CATHODIC PROTECTION PROJECTS

Date	Project	Client	End Client	Location
-14May08-	Cathodic Protection System for Eastern Province Water Transmission System	Yuksel Insaat Saudia Co.	SWCC	Dammam
-23Feb08-	SWCC - Shoiba Phase 3 Water Transmission Systems	SSEM	SWCC	Shoiba
-3Jan10-	REPLACEMENT OF CP SYSTEM FOR GATHERING STATION AT KJO	ZEDAN GROUP	KJO	alkhafji
-24Mar10-	Cathodic Protection System for 80" Pipeline Connection to Arafat Tanks & Pipelines at Shoiba Ph 3 WTS Project	RTCC	SWCC	Shoiba
-6Jun10-	Cathodic Protection System for Ras Az Zawr-Riyadh Water Transmission System	RTCC	SWCC	Riyadh
-13Dec10-	Replacement of Cathodic Protection Systems at Ghazlan Power Plant Units 4 - 1	SCECO	SCECO	Ghazlan
-12May12-	Cathodic Protection System for construction works at Ras Al-Khair-Hafar Al-Batin Water Transmission System	MAPA LIMAK MNG. CO.	SWCC	Ras Al-Khair-
-3Feb13-	Cathodic Protection System for Booster Pump Station & Valve Chamber VC - 101	China Communications Construction Co. Ltd	Royal Commission	Jubail
-15Mar11-	Cathodic Protection for Saudi Aramco Yanbu Export Refinery Project, Tank Farm Package (SP01-)	ENPPI	YASREF	Yanbu
-7May11-	Cathodic Protection System for 11 Tanks in Rabigh Power Plant 2 for SEC	Hidada	SEC - Jeddah	Jeddah

11.1 COMPLETED MAJOR CATHODIC PROTECTION PROJECTS

Date	Project	Client	End Client	Location
-16Nov11-	Cathodic Protection System for AL BAHA - TAIF Water Transmission System	Jai Hind	Riyadh	Riyadh
-1Jan12-	Internal C.P system for 31 Tanks In Yanbu Export Refinery	Yanbu Steel Company	YASREF	Yanbu
-7Apr12-	Cathodic Protection System for Twenty Tanks in Yanbu Export Refinery Project (SP4)	BONNATI	YASREF	yanbu
-9Sep12-	Cathodic Protection System for Tanks, Vessels and Plant Piping in KAIA.	Dar Al Arabia	KAIA	jeddah

11.2 ON-GOING MAJOR CATHODIC PROTECTION PROJECTS

Date	Project	Client	End Client	Location
Mar20-	CP & Induced AC voltage mitigation studies for Jafurah downstream program pipelines project for Aramco.	Wood Amec Foster Wheeler Energy & Partners Engineering Co.	ARAMCO	Dammam
Mar19-	CP system for South Area Safety Related Facilities project for Al-Khafji Joint Operations.	Engineering for Petroleum and Process Industries (ENPPI)	KJO	Khafji
Dec16-	Cathodic Protection System for Waad Al Shamal ISCCPP - SEC Project	Abener Abeinsa for Const., Water and Power Co. Ltd.	SEC	Waad Al Shamal
Sep20-	CATHODIC PROTECTION CORRECTIVE MAINTENANCE SERVICES AT SBTANK	Sabic - Sabtank	SABIC	Jubail
Jul19-	Cathodic Protection System for BOG Pipeline from Petrokemya to United Project	Sinopec Engineering Group Saudi Co.	Sabic	Jubail
Sep20-	AC Mitigation Study & Materials for Taif-Turubah-Ranyah-AIKhurmah Water transmission System for SWCC.	MAPA Construction and Trade	SWCC	Taif
May16-	Cathodic Protection System for DUBA Green Integrated SOLAR combined Cycle Power Plant	SSEM-INITEC ENERGIA CONSORTIUM	SEC	DUBA
Sep18-	CATHODIC PROTECTION SYSTEMS FOR TAIF /TURUBAH /RANYAH/ AL KHURMAH WATER TRANSMISSION SYSTEM	MAPA Construction and Trade	SWCC	Taif
Aug20-	Annual and bi-monthly survey for CP system in Petrokemya North plant (SADAF)	Sabic - Petrokemya	SABIC	Jubail
Feb21-	PHOTOVOLTAIC POWER SUPPLY FOR CATHODIC PROTECTION SYSTEM FOR MASTER GAS SYSTEM PHASE 2 CENTRAL REGION PIPELINE - PACKAGE2-	Diyar Al Watan Trading & Construction Company (DACO)	ARAMCO	Riyadh
Mar19-	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

11.2 ON-GOING MAJOR CATHODIC PROTECTION PROJECTS

Date	Project	Client	End Client	Location
Feb14-	Cathodic Protection System for Four(4) Tanks and Underground Diesel Storage Vessels for King Abdulaziz Airport Jeddah	Saudi Binladin Group	Civil Aviation	Jeddah
Sep18-	CATHODIC PROTECTION SYSTEMS FOR ARAFAT - TAIF WATER TRANSMISSION SYSTEM	MAPA Construction and Trade	SWCC	Taif
Apr15-	Cathodic Protection System for PP13 Combined Cycle Power Plant - SEC in Riyadh	Assad Said for Contracting Co. Ltd.	SEC	Riyadh
Nov20-	Cathodic Protection System for YANPET EG2 Efficiency Improvement Project	Sinopec Engineering Group Saudi Co.	SABIC	Jubail
Apr20-	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
Jun20-	CATHODIC PROTECTION SYSTEM FOR AL-QUNFUDAH CITY NEW FEEDER	Saudi Services for Electro Mechanic Works Co. SSEM	SWCC	Qunfudah
Feb20-	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
Apr15-	Cathodic Protection System for 6 Nos. Water Steel Tanks at TGE Tank Farm for National Water Co.	RTCC	NWC	Riyadh
Nov20-	CIPS AND DCVG INSPECTION Project for ARAMCO	Aramco	M-ARAMCO	Dammam
Sep20-	Corrosion Inhibitors Protection of "Internal Surfaces" for Six Tanks in JEDDAH for Aramco	Saudi Services for Electro Mechanic Works Co. SSEM	ARAMCO	Jeddah
Nov19-	Cathodic Protection System for EPCI - SFNY PHASE8- for Aramco	McDermott Middle East, Inc.	ARAMCO	Marjan

11.2 ON-GOING MAJOR CATHODIC PROTECTION PROJECTS

Date	Project	Client	End Client	Location
Sep20-	AC Mitigation Study & Materials for Arafat-Taif Water transmission System for SWCC.	MAPA Construction and Trade	SWCC	Taif
Oct16-	Cathodic Protection System for Waad Al Shamal ISCCPP - SEC Project	Abener Abeinsa for Const., Water and Power Co. Ltd.	SEC	Waad Al Shamal
Jun19-	Cathodic Protection System For Jubail-Riyadh Transmission System	Al Rashid for trading & Contracting Co.- RTCC	SWCC	Jubail-Riyadh
Dec19-	Cathodic Protection System for SADAF CLC Project in Jubail.	China Tianchen Engineering Corporation	SABIC	Jubail
Dec14-	Cathodic Protection System for Six 167,000m ³ Potable Water Storage Tanks for NWC in Riyadh	TH Engineering & Consulting FZE	NWC	Riyadh
May18-	CATHODIC PROTECTION SYSTEM FOR HARADH AND HAWIYAH GAS COMPRESSION PROJECT	TECNICAS REUNIDAS SAUDIA	ARAMCO	Haradh
Nov18-	Cathodic Protection System for TS8-bridge piles at KRT crossing in Jubail	Branch of China Railway 18th Bureau Group Co.Ltd	Royal Commission	Jubail
Dec14-	Cathodic Protection System for Upgrade Phase II - YANPET Tanks for SABIC	SABIC-Yanpet	SABIC	Yanbu
Jan19-	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
Jul19-	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
Jun19-	CP System for Tanks and Station Piping At Jubail-Riyadh Water Transmission System	Limak Construction Industry and Trade Inc.	SWCC	Jubail

11.2 ON-GOING MAJOR CATHODIC PROTECTION PROJECTS

Date	Project	Client	End Client	Location
Dec19-	CATHODIC PROTECTION SYSTEM FOR SHUQAIQ PHASE 3 WATER TRANSMISSION SYSTEM	Al Rashid for trading & Contracting Co.- RTCC	SWCC	Shuqaiq
Sep20-	AC Mitigation Study & Materials for Rabigh/ Jeddah/ Mekkah Water transmission System for SWCC	MAPA Construction and Trade	SWCC	Taif
Sep18-	CATHODIC PROTECTION SYSTEMS FOR RABIGH - JEDDAH / MAKKAH WATER TRANSMISSION SYSTEM	MAPA Construction and Trade	SWCC	Jeddah

11.3 CORROSION MONITORING PROJECTS

SOC #	Project	Client	End Client	Location
ECP0104-21	Conduct Online Retrieving & Replacing In-kind Corrosion Coupon @ HGP for ARAMCO. PR1-3000952677#	Aramco	ARAMCO	Hawiyah
ECP0156-21	Conduct Corrosion Coupon/Injection Quills Retrieval and Analysis@ Abqaiq Plants	Aramco	ARAMCO	Abqaiq

11.4 NON-DESTRUCTIVE TESTING PROJECTS

Client	Project	Start Date	End Date
Saudi Aramco	NDT Conventional Contract -RT & Corrosion Services at Juaymah (Al Fayez Ali Nasser)	-01Feb15-	-28Feb15-
Nesma	PWHT Services at FCC- Package 2A JERP, Jubail	-25Mar14-	-07May14-
Nesma	NDT Services at FCC- Package 2A JERP, Jubail - (UT Services for Sinopac)	-25Mar14-	-07May14-
Saudi Aramco	NDT Conventional Contract - UTT Services at Khurais (Khalid Bu Shilibi)	-08Mar15-	-31Mar15-
Saudi Aramco	NDT Conventional Contract - UTT Services at Abqaiq(Abdulmajeed Al Obaid)	-11Mar14-	-31Mar14-
Saudi Aramco	NDT Conventional Contract - RT Services at Khursaniyah (Ali Al-Robeh)	-04Jun15-	-30Jun15-
Saudi Aramco	NDT Conventional Contract - UTT Services at Shaybah (Abdul Mohsen Al Zaher)	-22Mar15-	-31Mar15-
Yansab / Sabic	RT Services at Yansab	-07Nov13-	-18Nov13-
Petro Rabigh	Solution Annealing Services at Ethane Cracker Unit	-04Jan13-	-29Jan13-
Petro Rabigh	Solution Annealing Services at Ethane Cracker Unit	-30Jan13-	-06Mar13-
Olayan Descon	NDT, TOFD, PAUT, PMI, Ferrite Services During Samref Turnaround- T2 (FCC & Major Projects)	-29Jan13-	-29Jan13-
Technical Contracting Company	Pipe Fabrication & Erection Work At Wasit Project	-07Mar13-	-30Apr13-
Inma Steel Fabricators Co. Ltd.	PWHT of Production Traps	-23Mar13-	-24Mar13-
Inma Steel Fabricators Co. Ltd.	Heat Treatment Services at Saudi Kayan	-25Feb13-	-31Mar13-
Ibn Rushd / Sabic	NDT Services at Ibn Rushd, Yanbu (4600006612)	-10Mar13-	-31Mar13-

11.4 NON-DESTRUCTIVE TESTING PROJECTS

Client	Project	Start Date	End Date
Ibn Rushd / Sabic	NDT Services at Ibn Rushd, Yanbu (4600006612)	-01Aug13-	-31Aug13-
Saudi Aramco	HT Services at Ras Tanura Refinery	-10Jun13-	-26Jun13-
Saudi Aramco	UT Services at Shaybah (Ali Al-Nasser)	-14Mar15-	-31Mar15-
Ibn Baytar / Sabic	NDT Services at IBBTA14- Urea	-27Feb14-	-27Feb14-
Ibn Baytar / Sabic	NDT Services at IBBTA14- Urea	-21Mar14-	-04Apr14-
Saudi Aramco	UT Services at Manifa (Ali Al Towaimer 8947479#)	-29Mar15-	-31Mar15-
Binzagr Factory for Insulation Materials Co. Ltd.	Refractory Dryout Services at Yasref Refinery, Yanbu	-02Nov13-	-28Nov13-
Saipem Taqa Al Rushaid Fabricators Co. Ltd.	NDT Services for Various Projects in Dammam	-05May14-	-29May14-
Saipem Taqa Al Rushaid Fabricators Co. Ltd.	NDT Services for Various Projects in Dammam (UT SHEARWAVE)	-01Jun14-	-19Jun14-
Saudi Aramco	NDT Services During Yanbu Refinery Total Refinery Shutdown (TRS) 2014	-01Feb14-	-15Mar14-
Nass Industrial Services	HT Services For Sadara Project in Bahrain	-08Mar14-	-08Mar14-
Nasser S. Al Hajri	PWHT Services for Kemya Project, Jubail	-10Apr14-	-17Apr14-
Nasser S. Al Hajri	NDT Services for Kemya Project, Jubail	-23Jan14-	-31Mar14-
PETROJET - Saudi Arabia	NDT Services for Petro Rabigh Petrochemical Project	-29May14-	-29May14-
Saudi Aramco	Refractory Dryout Services of Green Cast 94, KS4, and Cast 94 at HGP	-26Mar14-	-04Apr14-
Petro Rabigh	PWHT Services During Repair of Tower T0001 for R291 at ARU2- Unit	-17Mar14-	-06Apr14-
Binzagr Factory for Insulation Materials Co. Ltd.	Refractory Dryout Services For Reactor at Jubail	-24May14-	-07Jun14-

11.4 NON-DESTRUCTIVE TESTING PROJECTS

Client	Project	Start Date	End Date
Larsen & Toubro	NDT Services for Midyan Gas Processing Facilities	-15Sep14-	-26Sep14-
Gulf Consolidated Contractors Company (GCC)	NDT Services For Pipe Line Instrument Scrapping Facilities	-23Mar15-	-31Mar15-
Gulf Consolidated Contractors Company (GCC)	NDT Services For Pipe Line Instrument Scrapping Facilities (Revised PO / 2017)	-01Mar17-	-29Mar17-
Saudi Aramco	Supply of Certified NDT Technician Manpower to NGL, Yanbu	-19Jan15-	-24Feb15-
Kayan / Sabic	Heat Treatment Services	-26May16-	-28May16-
Saudi Aramco	RT Services in Shaybah (Anish Kumar)	-09May15-	-31May15-
Petro Rabigh	Supply of Heat Treatment Crew	-13Oct15-	-11Nov15-
Petro Rabigh	Supply of Heat Treatment Crew	-12Nov15-	-09Dec15-
Petro Rabigh	Supply of Heat Treatment Crew	-09Dec15-	-03Jan15-
Saudi Aramco	NDT Services for FZRN Pipelines, Abqaiq	-15May15-	-03Aug15-
Hanwha Saudi Contracting	NDT Services at Jazan Construction Site	-08Mar16-	-24May16-
Olayan Descon	NDT Services for Petro Rabigh Project	-08Aug15-	-31Aug15-
Petro Rabigh	Provision of Heat Treatment Crew for R-430 FR0180- Furnace Coil Job	-02Aug15-	-22Aug15-
Saudi Aramco	MFC for Conducting Radiography Services	-25Oct15-	-30Nov16-
Shandong Electric Power Construction	NDT Services at Jazan, Power Block, Pkg# 4	-04Aug16-	-31Aug16-
Shandong Electric Power Construction	PWHT Services at Jazan, Power Block, Pkg# 4	-10Mar16-	-08May16-
Bonatti SPA Branch	Providing NDT Services for Replacement of KRT-2 Pipeline and Daylighting Project	-12Sep15-	-16Sep15-
Target Construction Saudi Arabia (W.L.L)	Providing NDT Services at Yanbu Refinery	-25Dec15-	-28Dec15-
Sadaf / Sabic	PWHT Services at Sadaf	-03Oct18-	-09Oct18-

11.4 NON-DESTRUCTIVE TESTING PROJECTS

Client	Project	Start Date	End Date
Nasser S. Al Hajri	Providing NDT Services For Saudi Aramco Projects	-27Dec15-	-30Dec15-
Hidada Contracting Co. Ltd.	Providing RT Services for Storage Tank at Jazan	-16Apr16-	-24May16-
Petroleum Chemicals & Mining Co. Ltd.	Providing NDT Services at Ibn Sina, Jubail		
Safco / SABIC	Providing Advanced NDT Services at Safco	-26Apr16-	-06May16-
Saudi Electric Co.	Providing UT Services for Power Plants in Kingdom	-01Jun19-	-30Jun19-
Saudi Aramco	Non Destructive Testing Conventional Services	-01Mar16-	-31Mar16-
Saudi Aramco	Non Destructive Testing Conventional Services	-01May16-	-31May16-
Saudi Aramco	Non Destructive Testing Conventional Services	-27Apr16-	-30Apr16-
Saudi Aramco	Non Destructive Testing Conventional Services	-01May16-	-31May16-
Saudi Aramco	Non Destructive Testing Conventional Services	-01May16-	-31May16-
Saudi Aramco	Non Destructive Testing Conventional Services	-26Jun16-	-30Jun16-
Saudi Aramco	Non Destructive Testing Conventional Services	-01May16-	-31May16-
Saudi Aramco	Non Destructive Testing Conventional Services	-01May16-	-31May16-
Saudi Aramco	Non Destructive Testing Conventional Services	-12May16-	-31May16-
Saudi Aramco	Non Destructive Testing Conventional Services	-01May16-	-31May16-
Saudi Aramco	Non Destructive Testing Conventional Services	-01Nov18-	-30Nov18-
Saudi Aramco	Non Destructive Testing Conventional Services	-03May16-	-31May16-
Saudi Aramco	Non Destructive Testing Conventional Services	-01May18-	-31May18-
Saudi Aramco	Non Destructive Testing Conventional Services	-01May16-	-31May16-

11.4 NON-DESTRUCTIVE TESTING PROJECTS

Client	Project	Start Date	End Date
Saudi Aramco	Non Destructive Testing Conventional Services - Supply of RTFI Technician - Zainul Haq	-01Aug16-	-31Aug16-
GAMA Al Moushegah Arabia Ltd.	Providing NDT Services For GOSP Project At Khurais	-30Nov16-	-30Nov16-
National Contracting Co. Ltd.	Providing NDT Services for Khurais Area Facilities Expansion & Satellite GOSP Project at Khurais	-28Nov16-	-28Nov16-
National Contracting Co. Ltd.	Providing PWHT Services for Khurais Area Facilities Expansion & Satellite GOSP Project at Khurais	-21Jan17-	-24Feb17-
Saudi Electric Co.	Supply of Specialized NDT Inspection	-01Jan17-	-02Jan18-
Saudi Aramco	Forced Curing of Vessels Coatings for SHGOSP 6&3 T&I 6510852330	-12Nov16-	-21Nov16-
Saudi Aramco	Non Destructive Testing Conventional Services	-04Dec16-	-31Dec16-
Saudi Aramco	Supply of Radioactive Isotopes for Saudi Aramco	-25Jan16-	-25Jan17-
Saudi Aramco	Non Destructive Testing Conventional Services	-08Dec16-	-31Dec17-
Saudi Aramco	Non Destructive Testing Conventional Services	-01Dec16-	-31Dec17-
Saudi Aramco	Non Destructive Testing Conventional Services	-25Dec16-	-31Dec16-
ArcelorMittal	Providing UT Services at Jubail	-30Dec16-	-31Dec17-
Target Construction Saudi Arabia (W.L.L)	Providing NDT Services for Khafji to Tanajib Sour Gas Handling & Compression Project	-08Mar17-	-30Mar17-
Target Construction Saudi Arabia (W.L.L)	Providing HT Services for Khafji to Tanajib Sour Gas Handling & Compression Project	-02Aug17-	-30Aug17-
Saipem Taqa Al Rushaid Fabricators Co. Ltd.	Providing NDT Services at Jubail	-01May17-	-31May17-
The Bahrain Petroleum Co. (BAPCO)	Provision of Heat Treatment Services - Platformer T&I 2017 (O286485)	-25Apr17-	-30Apr17-
Olayan Descon	Providing PWHT Services for Tanks	-30Jun17-	-30Jun17-

11.4 NON-DESTRUCTIVE TESTING PROJECTS

Client	Project	Start Date	End Date
Kubota Saudi Arabia Company	Construction of Temporary Furnace and Providing Solution Annealing Services for Tubes	-18Mar17-	-19Jul19-
Petroleum Chemicals & Mining Co. Ltd.	Providing NDT Services for Fadhli Gas Program Project	-05Apr17-	-27Apr17-
Nasser S. Al Hajri	Providing NDT Services for Jazan Refinery & Terminal Projects	-11Jun17-	-30Jun17-
Nasser S. Al Hajri	Providing PWHT Services for Jazan Refinery & Terminal Projects	-04Feb17-	-04Feb17-
Saudi Aramco	Non Destructive Testing Conventional Services	-20Apr17-	-30Apr17-
Saudi Aramco	Non Destructive Testing Conventional Services	-01Jun17-	-30Jun17-
Saudi Aramco	Non Destructive Testing Conventional Services	-01Jun18-	-30Jun18-
SAIPEM Snamprogetti Saudi Arabia Ltd.	NDT Services for Hook-up Activities Offshore	-14Jun17-	
SAIPEM Snamprogetti Saudi Arabia Ltd.	NDT Services(Offshore for MZ7 Project / WO# 31113166)	-22Jun17-	-09Jul17-
SAIPEM Snamprogetti Saudi Arabia Ltd.	NDT Services For Hook up Activities (WO# 31113290) For ARBI Project	-21Jun17-	-22Jun17-
SAIPEM Snamprogetti Saudi Arabia Ltd.	NDT Services for Hook-up Activities Offshore (H02735 S Aramco Karan 60/7,52 & TP1- AUX Gas (SA)	-22Nov17-	-30Nov17-
SAIPEM Snamprogetti Saudi Arabia Ltd.	NDT Services for (MJNZLF Spool Fabrication / WO# 31166491)	-12Mar18-	-31Mar18-
SAIPEM Snamprogetti Saudi Arabia Ltd.	NDT Services on Board of C8 for SFNY / MARJN (LTA2- SFNY 10 Jackets & 9)	-01Apr18-	-30Apr18-
SAIPEM Snamprogetti Saudi Arabia Ltd.	NDT services for Hook-up activities Offshore - M&Z 7D and SFNY WO# 31231475	-06Jul18-	-30Jul18-
SAIPEM Snamprogetti Saudi Arabia Ltd.	HT Services for Hook-up Activities Offshore	-14Jun17-	

11.4 NON-DESTRUCTIVE TESTING PROJECTS

Client	Project	Start Date	End Date
SAIPEM Snamprogetti Saudi Arabia Ltd.	HT Services for Hook-up Activities Offshore -ARBI WO# 31113290	-03Jan18-	-14Jan18-
Sinopec Engineering Group Saudi Co. Ltd.	Providing NDT Services for Fadhli Gas Program Project	-10May18-	-31May18-
Sinopec Engineering Group Saudi Co. Ltd.	Providing PWHT Services for Fadhli Gas Program Project	-08Dec17-	-27Dec17-
Saudi Aramco	Non Destructive Testing Conventional Services	-01Jun17-	-30Jun17-
Saudi Aramco	Non Destructive Testing Conventional Services	-01Jun17-	-30Jun17-
Saudi Aramco	Non Destructive Testing Conventional Services	-01Sep18-	-30Sep18-
Saudi Aramco	Non Destructive Testing Conventional Services	-02Jul17-	-31Jul17-
Saudi Aramco	Non Destructive Testing Conventional Services	-28May17-	-30May17-
Saudi Aramco	Non Destructive Testing Conventional Services	-09Aug17-	-31Aug17-
Larsen & Toubro	Providing PWHT Services For Hasbah Offshore Gas Facilities	-20Jul17-	-23Aug17-
Olayan Descon	Providing NDT Services during Samref TA 2018, Yanbu	-06Nov17-	-30Nov17-
SAUDI ARAMCO TOTAL Refining & Petrochemicals Company (Satorp)	Conventional NDT Contract	-08Jan18-	-23Feb18-
Petroleum Chemicals & Mining Co. Ltd.	Providing PWHT Services for Fadhili Project at Jubail	-25Oct17-	-31Oct17-
Olayan Descon	Providing PWHT Services for Amine Regenerator Column at Fadhli	-25Nov17-	-09Dec17-
Saudi Aramco	Non Destructive Testing Conventional Services	-08Nov17-	-30Nov17-
Saudi Arabian Kentz Co. Ltd.	Supply of Heat Treatment Technician at Jazan	-04Feb18-	-29Mar18-
Saudi Aramco	Non Destructive Testing Conventional Services	-21May18-	-31May18-

11.4 NON-DESTRUCTIVE TESTING PROJECTS

Client	Project	Start Date	End Date
Saudi Aramco	Non Destructive Testing Conventional Services	-22Apr18-	-30Apr18-
Saudi Aramco	Provision of API certified Inspectors for 2019 Turnaround at YRD	-21Jan19-	-30May19-
TAMIMI Global Co. Ltd. - TAFGA	Providing PWHT Services at Tamimi Workshop	-05Sep18-	-04Sep19-
TAMIMI Global Co. Ltd. - TAFGA	Providing NDT Services at Tamimi Workshop	-05Sep18-	-05Sep19-
Branch of China Petroleum Pipelines Co.	Providing NDT Services @ Dammam	-01Oct18-	-31Oct18-
Saudi Aramco	Providing Heat Treatment Services @ Yanbu Area	-16Mar19-	-13Apr19-
Saudi Aramco	Non Destructive Testing Conventional Services	-21Nov18-	-30Nov18-
Dynamic Industries Saudi Arabia Limited	NDT Services for Berri Field (Offshore)	-01Jan19-	-01Jan19-
Branch of China Petroleum Pipelines Co.	Providing NDT, PWHT & Inspection Services for CPP- NGCP at Haradh Hawiyah Pipelines Project for Aramco	-27Dec18-	-31Jan18-
Petro Rabigh	Providing Heat Treatment Works for Spools Installed at Furances		
Saudi Aramco	Non Destructive Testing Conventional Services	-01Mar19-	-31Mar19-
SAIPEM Snamprogetti Saudi Arabia	NDT Services for Hook-Up Activities Offshore	-12Feb19-	
SAIPEM Snamprogetti Saudi Arabia	PWHT Services for Hook- Up Activities Offshore	-12Feb19-	
Saudi Services For Electro Mechanical Works	Providing NDT & PWHT Service for Construction of Yanbu Distribution HUB in plant & Interface Works	-28Jul19-	-31Jul19-
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	-08Aug19-	-31Aug19-
NESMA & PARTNERS CONTRACTING CO.LTD.	Providing NDT & PWHT Services for Marjan Incremental Program, MIP7, Jaladi, Tanajib		

11.5 HEAT TREATMENT PROJECTS

Client	Project	Start Date	End Date
Kayan / Sabic	Heat Treatment Services	-26May16-	-28May16-
Petro Rabigh	Supply of Heat Treatment Crew	-9Dec15-	-3Jan15-
Sadaf / Sabic	PWHT Services at Sadaf	-3Oct18-	-9Oct18-
Sadaf / Sabic	PWHT Services at Sadaf	-25Aug19-	-28Aug19-
Safco / SABIC	"Providing Heat Treatment Services at Safco (SF4 / TA17)"	-28Oct17-	-12Nov17-
Petro Rabigh	Providing PWHT Services / (Lube Oil Systems of the LDPE EVA Reciprocating Compressors P-360K1001- & P-360K1002-)	-13Mar17-	-14Apr17-
Petro Rabigh	PWHT Services at Petro Rabigh	-29Nov17-	-13Mar18-
Saudi Aramco	Offline Dryout for Refractory Repairs in SRU 3#	-26Feb17-	-27Apr17-
Saudi Aramco	Post Weld Heat Treatment (PWHT) During GT1- T&I	-21Jun16-	-10Aug19-
National Contracting Co. Ltd.	Providing PWHT Services for Khurais Area Facilities Expansion & Satellite GOSP Project at Khurais	-21Jan17-	-24Feb17-
Bayroni / Sabic	Post Weld Heat Treatment (PWHT) services	-13Mar18-	-8Apr18-
Saudi Aramco	Forced Curing of Vessels Coatings for SHGOSP 6&3 T&I 6510852330	-12Nov16-	-21Nov16-
Target Construction Saudi Arabia (W.L.L)	"Providing HT Services for Khafji to Tanajib Sour Gas Handling & Compression Project"	-2Aug17-	-30Aug17-
The Bahrain Petroleum Co. (BAPCO)	Provision of Heat Treatment Services - Platformer T&I 2017 (O286485)	-25Apr17-	-30Apr17-
The Bahrain Petroleum Co. (BAPCO)	PROVIDING OF HEAT TREATMENT SERVICES	-25Jan20-	-29Apr20-
Olayan Descon	Providing PWHT Services for Tanks	-30Jun17-	-30Jun17-
Kubota Saudi Arabia Company	Construction of Temporary Furnace and Providing Solution Annealing Services for Tubes	-6Mar17-	-30Dec20-
Naser M. Al Baddah & Partner Gen. Trdg. & Cont. Co. W.L.L.	Providing Refractory Dryout Services for HTER Pressure Shell at Kuwait	-12Jul17-	-20Aug17-

11.5 HEAT TREATMENT PROJECTS

Client	Project	Start Date	End Date
Nasser S. Al Hajri	Providing PWHT Services for Jazan Refinery & Terminal Projects	-4Feb17-	-4Feb17-
SAIPEM Snamprogetti Saudi Arabia Ltd.	HT Services for Hook-up Activities Offshore	-8Jun17-	-30Dec20-
SAIPEM Snamprogetti Saudi Arabia Ltd.	HT Services for Hook-up Activities Offshore -ARBI WO# 31113290	-3Jan18-	-14Jan18-
Sinopec Engineering Group Saudi Co. Ltd.	Providing PWHT Services for Fadhli Gas Program Project	-8Dec17-	-27Dec17-
Larsen & Toubro	"Providing PWHT Services For Hasbah Offshore Gas Facilities Increment II Project"	-20Jul17-	-23Aug17-
Ar Razi / Sabic	Providing PWHT Services at Ar Razi, Jubail	-14Sep17-	-10Nov18-
Petroleum Chemicals & Mining Co. Ltd.	Providing PWHT Services for Fadhili Project at Jubail	-24Oct17-	-25Jan19-
Olayan Descon	Providing PWHT Services for Amine Regenerator Column at Fadhli	-25Nov17-	-9Dec17-
Olayan Descon	Providing HT Services at Abqaiq	-24Jan19-	-25Jan19-
Binzagr Factory for Insulation Materials Co. Ltd.	Providing Refractory Dryout Services for Stack & Nozzle	-29Nov17-	-1Dec17-
Saudi Arabian Kentz Co. Ltd.	Supply of Heat Treatment Technician at Jazan	-4Feb18-	-29Mar18-
Saudi Arabian Kentz Co. Ltd.	Supply of Heat Treatment Technician at Jazan	-25Nov19-	Ongoing
NOVEL ARABIA MIDDLE EAST LTD.	Providing PWHT Service For Internal Firing Vessel @ Jubail	-10Jul18-	-11Jul18-
TAMIMI Global Co. Ltd. - TAFGA	Providing PWHT Services at Tamimi Workshop	-10Sep18-	Ongoing
NOVEL ARABIA MIDDLE EAST LTD.	Providing PWHT Services @ Jubail	-22Oct18-	-5Nov18-
Zamil Inspection and Maintenance Co. Ltd.	Providing PWHT Services @ Dammam	-17Sep18-	-19Sep18-
Saudi Aramco	Providing Heat Treatment Services @ Yanbu Area	-16Mar19-	-13Apr19-
Dynamic Industries Saudi Arabia Limited	PWHT Services for Berri Field (Offshore)	-1Jan21-	Ongoing
Petro Rabigh	Heat Treatment Services for Upcoming TA2020	-10Mar20-	-9May20-

11.5 HEAT TREATMENT PROJECTS

Client	Project	Start Date	End Date
Petro Rabigh	Providing PWHT BY Electrical Resistance Method for Absorber Drum R-280D-0011B,C,H & I	-21Mar20-	-27Apr20-
SAIPEM Snamprogetti Saudi Arabia Ltd.	PWHT Services for Hook-Up Activities Offshore	-1Jan21-	Ongoing
Saudi Services For Electro Mechanical Works Co	Providing NDT & PWHT Service for Construction of Yanbu Distribution HUB in plant & Interface Works	-28Jul20-	-29Jul20-
Sinopec Engineering Group Saudi Co. Ltd.	"Providing NDT and PWHT Services for Increase Pumping Capacity Qatif Project."	-1Jan21-	Ongoing
Engineering For The Petroleum and Process Industries (Enppi)	Providing NDT and PWHT Services at Abqaiq	-2Jan21-	Ongoing
Tecnicas Reunidas Saudia for Services and Contracting Co.Ltd.	Providing Thermal Curing for Tanks at Jazan	-9Nov19-	-14Nov19-
Tecnicas Reunidas Saudia for Services and Contracting Co.Ltd.	Providing Thermal Curing for Tanks at Jazan	-17Nov19-	-26Nov19-
Saudi Aramco	Providing Offline Dryout For Refractory Repairs (Udahiliyah)	-8Dec20-	-2Jan21-
Al Zamil Metal Works Factory (Abdullah Al Zamil Est For Trading & Contracting.)	Providing Internal firing Services and Construction of furnace at Jeddah.	-10Nov20-	-10Nov20-
Saudi Arabian Fabricated Metals Industry Co. Ltd. (SAFAMI)	Providing NDT & PWHT Services for Berri Development Project at Jubail.	-18Jun20-	-2Jul20-
Inma Steel Fabricators Co. Ltd.	Providing Internal firing Services for WOSEP, Water Oil Separator and High Pressure Production Traps (HPPT) at Inma steel (Jubail).	-13Mar21-	-13Mar21-
SAIPEM Snamprogetti Saudi Arabia Ltd.	NDT Services For Hook-Up Activities Offshore	-13Jan21-	Ongoing
Branch of Hyundai Engineering & Construction Co. Ltd	Providing Heat Treatment Services at Marjan Package 6 project	-27Jan21-	-30May21-

11.6 VCI PROJECTS

Project Name	End Client	Location	Work Description
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

11.7 COMPLETED SOLAR 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
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

11.7 COMPLETED SOLAR PROJECTS

Client	Capacity	Mounting	Type	Connection	COD
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 Talal 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

11.8 ON-GOING SOLAR PROJECTS

Project Name	Mounting	Connection	Client Name	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

12. Legal Documents

12.1 COMMERCIAL REGISTRATION - DAMMAM

رؤية 2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA

وزارة التجارة والاستثمار
Ministry of Commerce and Investment

شهادة تسجيل فرع بشركة

الرقم: ٢٠٥٠٠٤٩٨٥
التاريخ: ١٤٢٥/٠٤/٢٦ هـ

اسم الشركة: البحرية العيمره لإعمال البترول والغاز
نوعها: ذات مسئولية محدودة
مركزها الرئيسي: جدة طريق الملك خالد / جوار وزارة الحج والأوقاف ٥٣٣٨
ص ب: ٥٣٣٨
الرمز البريدي: ٢١٤٢٢
هاتف: ٦٦٧٢٠٠٠
رقم سجل المركز الرئيسي: ٤٠٣٠١٣٣١٩٢
التاريخ: ١٤٢٢/٠١/٠٣ هـ
مصدره: جسيده

رأس مالها:
تاريخه: ١٤٠٥/١١/١٩ هـ
مصدره: جسيده

الاسم التجاري: فرع شركة العيمره لإعمال البترول والغاز
العنوان: الدمام / طريق الدمام - الخير السريع
ص ب: ١٨٩٧
الرمز البريدي: ٣١٤٥٢
هاتف: ٨٥٧٠٠٣٤

النشاط صيغة وأخص وأصلاح وحزل وهلاء وتركيب وتنظيف جميع أنواع المعدات والقطع، المتعلقه بليب وخرانات البترول والغاز والماء وتصميم وتجميع وتصنيع توربينات وكبب الظلمة كبريتات كبريتات الحام بواسطة اشياء موات صونكي اجراء القوم صات غير اتلافية على المعادن والاحام ومعالجته بالحراره وبيع المعدات الألامتور بنور كيب الظلمة كبريتات ونخم للكورين والهند وجين.

اسم المدير (رباعيا): حسان عصام محمد قباي
التاريخ الميلاد: ١٣٨٦ هـ
مكان الميلاد: النمسا
رقم السجل المدني: ١٠١٠١٢٨٤٣٥
مصدره: جسيده
سلطات المدير: حسب ما نص عليه عقد الشركة
تاريخه: ١٤٠٥/١١/١٩ هـ
مصدره: جسيده

يشهد مكتب السجل التجاري بمدينة: الدمام
بأنه تم تسجيل فرع الشركة المذكورة اعلاه بمدينة: الدمام
وتنتهي صلاحية الشهادة في: ١٤٤٥/٠٤/٢٥ هـ
بموجب الإيصال رقم: ١٣٥٧١٧٧٩
وتاريخ: ١٤٢٥/٠٤/٢٢ هـ
مصدره: جسيده

الدم
مدير السجل التجاري للشركات: عمار المحسن بن إبراهيم الحماد
التوقيع:



12.5 SAUDIZATION CERTIFICATE



شهادة سعودة

تاريخ الإصدار : ١٤٤٢/٧/٢٤
تاريخ صلاحية الشهادة : ١٤٤٢/١١/٢٦
رقم الشهادة : ٢٠٠٠٢١٠٤٠٠٠٢٦٧

اسم المنشأة: شركة المميزه لعمال البترول والغاز
رقم الملف: ٤٥٤٥٢-٤
سجل تجاري: ٤٥٩٨٥ .٠.٥
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)

تنبيهات:

- ١ - يمكن التحقق من صحة وصحة الشهادة عبر زيارة الرابط:
- ٢ - في حال اكتشاف أي عملية تزوير في الشهادة المقدمة تردو التابع عن ذلك بخطاب رسمي لأقرب مكتب عمل

12.6 CHAMBER OF COMMERCE - DAMMAM



عراقية لشرفية
ASHARQIA CHAMBER

شهادة الانتماء - Membership Certificate



الخدمات الإلكترونية
E-SERVICES

رقم العضوية : 49467
الدرجة : الثانية
تاريخ الاصدار : 09/4/1440
تشهد الغرفة التجارية الصناعية بالمنطقة الشرقية بأن
فرع الشركة المميزه لعمال البترول والغاز
المقيدة بالسجل التجاري / الترخيص رقم: 2050045985
مشتركة في الغرفة منذ : 27/04/1425
وينتهي سريان هذه الشهادة في : 25/04/1445
6897, الدمام, 31452.

Membership No : 49467
Classification : Second
Date of Issue : 16/12/2018
Asharqia Chamber Certifies that :
Specialized Oil & Gas Engineering Co. Ltd
Commercial Register No: 2050045985
Registered with Chamber since : 06/15/2004 and
the certificate expires on : 11/09/2023
6897, الدمام, 31452.



12.7 VENDOR APPROVALS

Saudi Arabian Oil Company
Projects and Strategic
Purchasing Department
A-119, 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

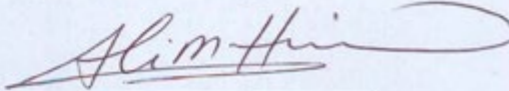
Your quality system is approved with corrective action as indicated in the attached report.

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



12.7 VENDOR APPROVALS

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

Saudi Aramco: Company General Use
Page 1 of 2

12.7 VENDOR APPROVALS



FPC-PROC-F-04-02-00
Rev (0) Mar'12

09-June-2012

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@kkggroup.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

Farabi Petrochemical Company
 P.O. Box 11763, Jubail Industrial City 31961
 Kingdom of Saudi Arabia
 Tel: +966(03) 356 5008
 Fax: +966(03) 356 5008
 Paid-up Capital: SR 500 million
 Chamber of Commerce No. 200176
 C.R. 2025005152

www.farabipc.com

FAXED
 11 JUN 2012

شركة الفارابي للبتروكيماويات
 شركة مساهمة عامة مسجلة
 المملكة العربية السعودية
 رقم السجل التجاري: 200176
 رقم القيد التجاري: 200176
 رقم الترخيص: 200176

12.7 VENDOR APPROVALS

09:10 11/02 13:45 FAX 9663765148 CTD/P&T 001/002

عمليات الظففي المشتركة
 الشركة الكويتية للنفط والغاز KUWAIT GULF OIL COMPANY (K.S.C.)
 أرامكو لأممال الخليج Aramco Gulf Operations

To: M/s Specialized Oil & Gas Engineering Co. Ltd.	From: Div. Admin. Planning, Reg. & JTC Affairs
Tel. No.: 03 857 0034	Ref. No.: CTFX/ 5243 /10
Fax No.: 03 859 0289	Date: Nov. 02, 2010

Sign: 
 Al-Jabbar Al-Qabandi

Subject: Registration & Classification of KJO Work Categories

Dear Sir,

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.

And you can also visit to our KJO website www.kjo.com.sa to know your assigned work categories to your profile thru your login ID & Password.

Please ensure that your company updates its information with Al-Khafji Joint operation website regularly.

Should you require information concerning your file, please contact the Planning & Registration on the following address:
 Attention: Superintendent, Planning & Registration Div.
 Contracting Department
 P.O. Box 688
 Al-Khafji Joint Operation (KJO)
 Office Park Bldg.
 Al-Khafji - 31972, Saudi Arabia

If any rush inquiries are required, please feel free to contact to following personnel:

Mr. Amir A/Rahim
 Tel: (00966)-3-765-2000 E. 87196
 Fax: (00966)-3-765-5148
 E-Mail: ctdtenders@kjo.com.sa



RECEIVED
 02 NOV 2010

Your interest in doing work for KJO is appreciated.

With regards

P.O. Box 258 Khafji: 31971	ص.ب 258 الظففي 31971	P.O. Box 688 Khafji: 31971	ص.ب 688 الظففي 31971
Tel: +966(03) 765 2000 E. 87196 -Fax: +966(03) 765 5148		Tel: +966(03) 765 2000 E. 87196	فاكس : +966(03) 765 5148

12.7 VENDOR APPROVALS

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

كويت جديدة
NEWKUWAIT

VENDORS & CONTRACTORS EVALUATION COMMITTEE (V & CEC)

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

DATE: 16TH 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	KD 100 Million	KD 30 Million	KD 10 Million	KD 1 Million	KD 250,000	KD 50,000
- 500 Million	- 250 Million	- 100 Million	- 30 Million	- 10 Million	- 1 Million	- 250,000

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


 BQ/AMU/ALB

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

PAGE 1 OF 1

المكتب الرئيسي: ص.ب. ٧٠ الصفاة - ١٣٠٠١ الصفاة - الكويت هاتف: ٢٣٩٨٩٩٠٠ س.ت. ٨١٤٩ رأس المال ١.٥٨٧.٠٠٠.٠٠٠ د.ك
 Head Office : Kuwait National Petroleum Company - P. O. Box : 70 Safat 13001, Safat - Kuwait - Tel.:23989900 www.knpc.com C.R : 8149 Capital : 1,587,000,000

12.7 VENDOR APPROVALS




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

كويت جديدة
NEWKUWAIT

VENDORS & CONTRACTORS EVALUATION COMMITTEE

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

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

SUBJECT: VENDOR APPROVAL

GENTLEMEN,
 REFERENCE TO YOUR PQ APPLICATION (RFI# 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.




BANDAR M. AL-QAHTANI
 CHAIRMAN V & CEC


 HAA/RJO/mmk

NOTE: APPROVAL VALIDITY IS UPTO 13TH JULY 2024

PLEASE REFER OVERLEAF FOR INSTRUCTIONS

Page | of |

المكتب الرئيسي: ص.ب. ٧٠ الصفاة - ١٣٠٠١ الصفاة - الكويت هاتف: ٢٣٩٨٩٩٠٠ س.ت. ٨١٤٩ رأس المال ١.٥٨٧.٠٠٠.٠٠٠ د.ك
 Head Office : Kuwait National Petroleum Company - P. O. Box : 70 Safat 13001, Safat - Kuwait - Tel.:23989900 www.knpc.com C.R : 8149 Capital : 1,587,000,000

12.7 VENDOR APPROVALS



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 : 31st 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 31st August 2020 to 30th 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

P&C_CS - F (7.4.SRM - 01) - 03_SRM-NVA-03

12.7 VENDOR APPROVALS



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 : 25th 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

P.O. Box 68861, Riyadh 11537
CR No.: 1010164391
Phone : (01) 8748000 - Fax : (01) 8748300

Web Site: www.maaden.com.sa

ص.ب ٦٨٨٦١ الرياض ١١٥٣٧
سجل تجاري رقم: ١٠١٠١٦٤٣٩١
هاتف: ٨٧٤٨٠٠٠ (٠١) - فاكس: ٨٧٤٨٣٠٠ (٠١)

12.7 VENDOR APPROVALS

02 Jun 2007 7:26 MARAFIQ CONTRACTS DEPT. 3403202 P.1

مرافق
MARAFIQ

الرقم :
التاريخ :

Ref : M/CD/522/07
Date : 30 MAY 2007

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

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 21961, PO Box 11133
Tel: +966 3 341 8994, Fax: +966 3 341 6129
• Yanbu
Yanbu Industrial City, PO Box 32144
Tel: +966 4 396 8000, Fax: +966 4 321 0267
Kingdom of Saudi Arabia

شركة من أسبق القابض والتمسك بالتمسك والتمسك
• الجليل (المقر الرئيسي)
مدينة الجليل الصناعية 21961 من ب 11133
رقم الهاتف 341 8994 +966 3 341 6129
• ينبع
مدينة ينبع الصناعية من ب 32144
رقم الهاتف 4 396 8000 +966 4 321 0267
المملكة العربية السعودية

12.7 VENDOR APPROVALS

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

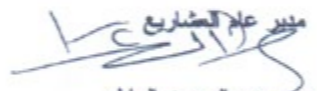
الموضوع: اعتماد شركة sogec للمياه الكاثودية

السادة/ مؤسسة الرفيعة للمقاولات
ص.ب ٦١٠٤ الدمام ٣١٤٤٢
السلام عليكم ورحمة الله وبركاته

إشارة إلى خطابكم رقم 101-raf-fa-s-cln-02 بتاريخ 28/11/2010م بخصوص طلبكم اعتماد الشركة المميزة لأعمال البترول والغاز (sogec) لأعمال الحماية الكاثودية ضمن مشروع شبكات المياه محطة الضخ وخزانات صفوى ولم المساهم 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 العمل.


ولكم تحياتنا


م/ حمد بن عبد الرحمن الوابل



الرقم: ٥٢٤/١٣٣١/١٧/١٤٣٤/١٨/١٤٣٤
التاريخ: ١٨/١١/١٤٣٤ هـ الموافق: ١٨/١١/٢٠١٣ م

ص. ب. ٤٦٥ - الدمام ٣١١٩٨ - هاتف : ٢٧٧٥٥٥ - فاكس : ٢٧٧٥٧٨



12.7 VENDOR APPROVALS

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



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

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

عناية/د. محمد عسان هشام بركة
859-289/ف
0504842906/ج
بعد التحية،،

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

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

ولكم تحياتي،،
المدير

مدير إدارة المناقصات والمشتريات

المهندس/ زكي بن أحمد العيدروس

يعنون الرد إلى : ص . ب . ٣١ - بنبع الصناعية
برقياً : جين : تليفون : ٦٠٠٠ - ٣٢١ (٠٤)
تلكس : عسير : ٦٦٢٣١٩ أو واي آيه سي أو اس جي
الانجليزي : ٦٦٢٣٠٣ أو سي واي بي اس جي

الرقم : ٠٦٠٠ / ٤٤٤٨٧١
التاريخ : ٥١٤٢٩ / ١١ / ٤
المرفقات :

MYAS OS-20 31 MAR 02

12.7 VENDOR APPROVALS

الشركة السعودية للكهرباء
Saudi Electricity Company
طاقة مثمرة

Generation Projects Engineering Department
Tel. 01-494-7040
Fax. 01-494-7101
Email: 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

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

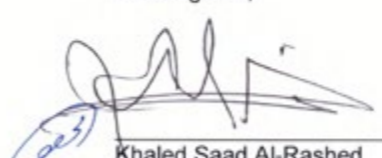
Subject : (SOGEC) Prequalification Request

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

Form 7-6-e

12.7 VENDOR APPROVALS



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,

AEH/AGH/RL: ms

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

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, 1st Floor Right Wing | P.O. Box 256 Al-Khafji 31971, Saudi Arabia
Tel No. 00966-3-7655270 | Fax No. 00966-3-7655278

12.7 VENDOR APPROVALS

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




Attention	Bill to Address	SABIC Buyer
ZIAD H. MOHDAD Tel.: 0504997415 Fax: 0138144849	Attn: Accounts Payable Dept. SABIC JUBAIL HQ Buldg. 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		
NDT API Inspectors req. APR-15 PTA T/A 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 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 Delivery Address Ibn Rushd Arabian Industrial Fibers Co. P.O. Box 30701 21441 Yanbu						

Total PO Value
Actual Cost of Order

12.7 VENDOR APPROVALS

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

NATIONAL WATER COMPANY Project Name: Riyadh Strategic Water Reservoir SALB Station Consultant: TYPESA Contractor: DNGO Contracting Saudi Co.		شركة المياه الوطنية المشروع الإستشاري المقاول	
Subcontractor/ Manufacturer for Approval (SUB) Reference Number: SALB-SUB-0019 Rev: 1		طلب اعتماد مقاول باطن أو مصنع للمواد (SUB)	
Project Code: SALB Material to be Manufactured: n/a	Date: 17-Jan-2016 Type of Work: Non Destructive Laboratory Test	رقم المشروع التاريخ	
Subcontractor or Manufacturer Information			
Company or Manufacturer Name Address Line of Works or Discipline		SOGEC P.O. Box 6897 Dammam 31452 KSA Third Party / Application (NDT), (Mechanical)	
The following prequalification documents are enclosed with			
Copy of Valid Commercial Registration List of Company Staff List of Company Equipments List of Manpower & Equipments to be Assigned for this Work List of Present Similar Works List of Previous Similar Works Quality Management Plan (QA/QC)	No of Copies No of Copies No of Copies No of Copies No of Copies No of Copies No of Copies		
We certify that the subcontract is being procured in accordance with the subcontracting plan contained in our bid			
Name of Contractor's Project Manager or his Representative Engr. Mahmoud Abdullah		Signature & Date  17 JAN 2016 TYPESA	
Consultant or NWC Representative Comments • Submitted to the NWC's Vendor list. • Big experience as NDT third party in KSA (Dammam, sabic...) APPROVED as THIRD PARTY for WELDING INSPECTION		SIGNATURE & DATE 	
Action			
<input checked="" type="checkbox"/> Approved <input type="checkbox"/> Approved with Comments <input type="checkbox"/> Comply Comments and Resubmit <input type="checkbox"/> Rejected			
Comments			
ACCEPTED BY أعتمد من		SIGNATURE & DATE التوقيع و التاريخ	
Consultant Resident Engineer or his Representative NWC Representative		NAME Dr. Pedro ERJARTE AlRabiah 28/01/2016 01/02/2016	

12.7 VENDOR APPROVALS



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
 CC : SWCC PED, SWCC-SF, Project Engineer

SUB : Khobar – Hofuf Water Transmission System - PHASE 2.
 Conditional Preliminary Approval for "Specialized Oil & Gas Engineering Co. L.td (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

12.7 VENDOR APPROVALS



المؤسسة العامة لتحويل المياه المالحة
Saline Water Conversion Corporation
www.swcc.gov.sa

المملكة العربية السعودية
الرياض - العليا - طريق الملك فهد - ص.ب. 1-AMR الرياض 11000
هاتف: 011 4631111 - فاكس: 011 4630852
KSA - Doha - King Fahad Road
P. O. Box 60889 Riyadh 11533 Kingdom of Saudi Arabia
Tel: 011 4631111 - Fax 011 4630852

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

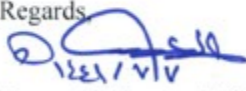
CC : SWCC PED.
CC : SWCC-SF
CC : PROJECT ENGINEER.

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 18:52:24

12.7 VENDOR APPROVALS

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

أرامكو السعودية
Saudi Aramco

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

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

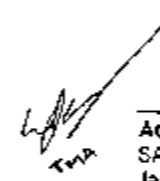
Sun Tae Kim
Contractor Representative
Hanwha Engineering & Construction Corp.

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 required further information, please contact Turki Alaqil on 0505437105 or by email TURKI.ALAQIL@ARAMCO.COM.




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

Attachment(s): N

cc:



Saudi Aramco Company General Use

12.7 VENDOR APPROVALS



CONFIDENTIAL LETTER

DATE : 13 June 2022
 TO : Mutlaq Al-Ghowari Co for Contracting Limited.
 ATTN : Eng. Mohammed Alnaggar
Project Manager
 Email : info@mcc.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.* 3)

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

12.7 VENDOR APPROVALS



Generation Technical Support Department
 Quality & Performance Division

Qualification Letter			
Date	7 August 2011	Ref No.	PQA-070811-Sogec
Validity	5 years		
To	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		
Subject	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

12.7 VENDOR APPROVALS

YANBU ARAMCO SINOPEC REFINING CO. (YASREF) LTD
Supply Chain Department
Vendors Relation Unit



November 20, 2014

Mr. Walid Rajab
SPECIALIZED OIL & GAS ENGINEERING COMPANY LTD.
CR # 2050045985
PO Box 6897, Salman Al-Faresi St., Al-Khalidiya District
Dammam 31452, Kingdom of Saudi Arabia
Phone: +966-(0)13-814-3737 Fax: +966-(0)13-814-4849

Dear Sir/Madam,

We are pleased to inform you that, your company is included in the YASREF Vendor Information System under **Vendor Code 100558**. Provided your company continues to meet relevant YASREF and Saudi Arabian Standards. This approval, however, should not be construed as a commitment by YASREF to Procure from you, but your company will have the opportunity along with other approved sources to respond to requests for submitting proposals.

For further information or assistance, please send you inquiries to: vendor.registration@yasref.com

Sincerely yours,
Abdullah H. Kattan
Contracting Division Head

12.8 NRCC - DAMMAM

رقم الرخصة: 10-00269ER-20
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 التبرول والغاز - الدمام

التصوير الإشعاعي الصناعي باستخدام مصادر مشعة مفتوحة 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 للأمان الإشعاعي المكلف
د. أحمد بن معطش العنزي

مدير إدارة دعم العمليات الرقابية
فهد بن سعود الزكري

12.9 NRCC - NAIRYAH

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



التصوير الإشعاعي الصناعي باستخدام مصادر مشعة مختومة عالية النشاطية

الشركة المميزة لأعمال البترول والغاز - النعيرية

رقم السجل التجاري : 2050045985

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

هذه الرخصة لمزاولة الممارسة بالمصادر المشعة التالية

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

الطاقة الاستيعابية	الموقع
9	م

نائب الرئيس التنفيذي
للمراقبة على المرافق النووية والممارسات الإشعاعية

د. سعيد بن محمد العنزي

مدير إدارة الرقابة والتراخيص

فهد بن سعود الزكري

12.10 NRCC - RABIGH

هيئة الرقابة النووية والإشعاعية
Nuclear and Radiological Regulatory Commission



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

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

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 المعتمد

د. أحمد بن معن العنزي

مدير إدارة دعم العمليات الرقابية

فهد بن سعود الزكري

12.11 NRCC - HARAD

رقم الرخصة : (ت ص - 136 - FC202123 - 1)
صلاحية 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

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

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

الطاقة الاستيعابية (مصدر)	الموقع	حرض
24	م	1

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

مدير إدارة الرقابة والترخيص
فهد بن سعود الزكري

12.12 NRCC - YANBU

رقم الرخصة : (ت ص - 57 - MD00389 - 5)
صلاحية لمدة 3 سنوات
تنتهي في : 2025/09/28 م



المملكة العربية السعودية

هيئة الرقابة النووية والإشعاعية
Nuclear and Radiological Regulatory Commission

الرقابة على المرافق النووية والممارسات الإشعاعية

التصوير الإشعاعي الصناعي باستخدام مصادر مشعة مختومة عالية النشاط الإشعاعي

الشركة المميزة لأعمال البترول والغاز - ينبع

رقم السجل التجاري : 4700012808

Isotopes	Max. No.	Physical State	Containment	Max. Activity/Source
Ir-192	6	Solid	Sealed	120 Ci

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

الطاقة الاستيعابية (مصدر)	الموقع	بنبع
6	م	1

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

مدير إدارة الرقابة والترخيص
فهد بن سعود الزكري

12.13 NRCC - JUBAIL



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

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

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	

التصوير الإشعاعي الصناعي باستخدام مصادر مشعة مضمومة عالية النشاط الإشعاعي

نائب الرئيس التنفيذي لإحدى الإشعاعي المكلف

د. أحمد بن معيش العازي

مدير الإارة دعم العمليات الرقابية

فهد بن سعود الزكري

13. Quality & Safety

13.1 QUALITY POLICY

SPECIALIZED OIL & GAS ENGINEERING CO. LTD
C.R. 2050045985 Membership No. 49467 Capital S.R. 7,250,000
Cathodic Protection, Non-Destructive Testing & Heat Treatment Division

sogec
ISO CERTIFIED
9001 : 2015

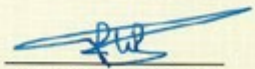
الشركة المميزة لأعمال البترول والغاز ذ.م.م.
س.ت ٢٠٥٠٠٤٥٩٨٥ رقم العضوية ٤٩٤٦٧ رأس المال ١,٢٥٠,٠٠٠ ر.س
قسم الحماية الكاثودية، والفحوصات الغير إتلافية والمعالجة الحرارية

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

sogec www.kcg.cc
ص.ت ٢٠٥٠٠٤٥٩٨٥ - الدمام ٣١٤٥٢ - المملكة العربية السعودية
P. O. Box 6897 - Dammam 31452 - Saudi Arabia
هاتف: ٣٧٧٧-١٣-٩٦٦ - فاكس: ٤٨٤٩-١٣-٩٦٦
Tel.: +966-13-692 3777 - Fax +966-13-814 4849
E-mail: sogec@dammam@ikkgroup.com / sogec@dd.dammam@ikkgroup.com

IKK www.ikkgroup.com

13.2 EHS POLICY

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

sogec
ISO CERTIFIED
9001 : 2008

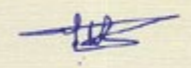
الشركة المميزة لأعمال البترول والغاز ذ.م.م.
س.ت ٢٠٥٠٠٤٥٩٨٥ رقم العضوية ٤٩٤٦٧ رأس المال ١,٢٥٠,٠٠٠ ر.س
قسم الحماية الكاثودية، والفحوصات الغير إتلافية والمعالجة الحرارية

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

sogec www.kcg.cc
ص.ت ٢٠٥٠٠٤٥٩٨٥ - الدمام ٣١٤٥٢ - المملكة العربية السعودية
P. O. Box 6897 - Dammam 31452 - Saudi Arabia
هاتف: ٣٧٧٧-١٣-٩٦٦ - فاكس: ٤٨٤٩-١٣-٩٦٦
Tel.: +966-13-814 3737 - Fax +966-13-814 4849
E-mail: sogec@dammam@ikkgroup.com / sogec@dd.dammam@ikkgroup.com

IKK www.ikkgroup.com

14. Certificates

14.1 ISO CERTIFICATES



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 Prescot 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 8821971



14.1 ISO CERTIFICATES



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 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



Certification Body Address: 5th Floor, 66 Prescot 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



14.1 ISO CERTIFICATES



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 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



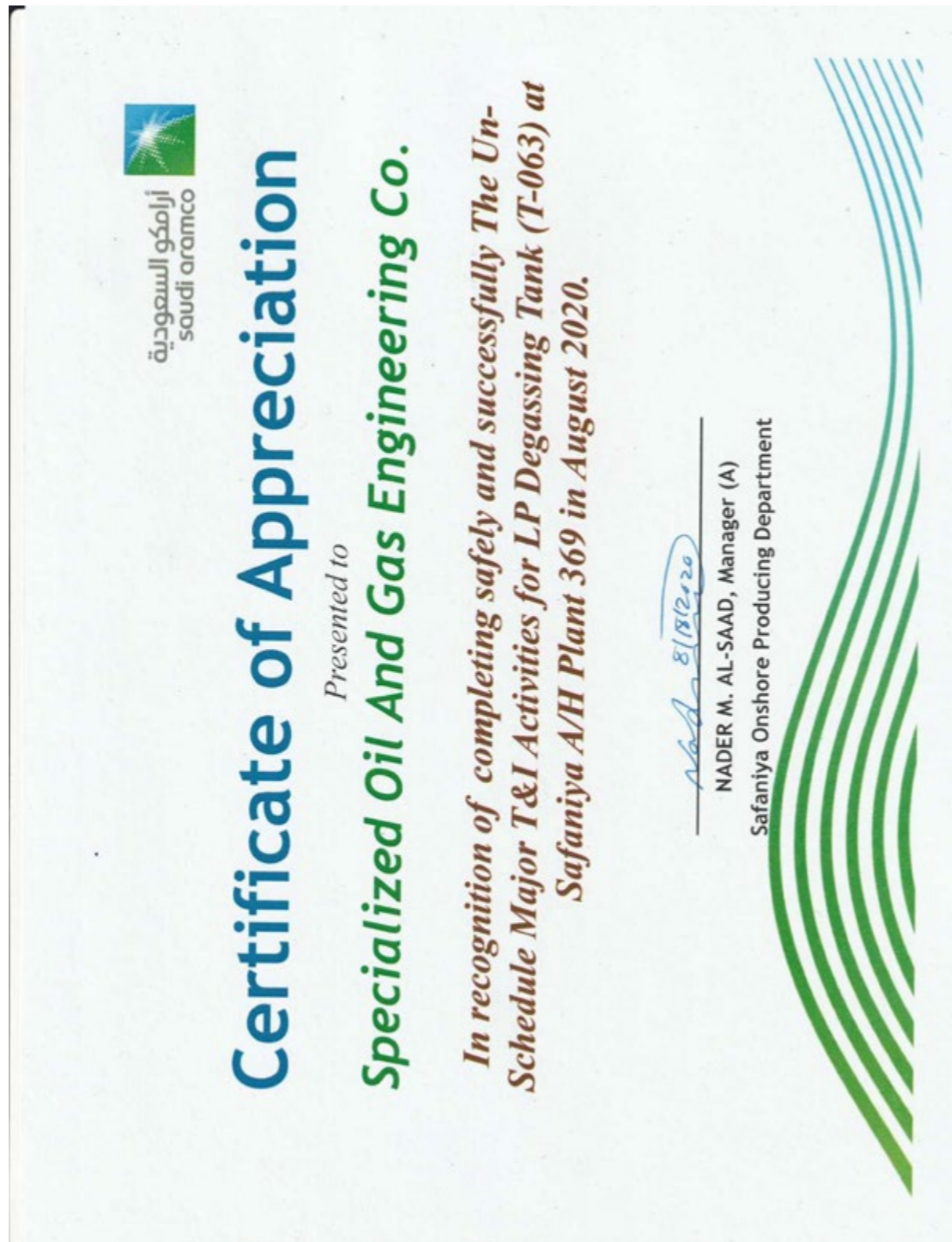
Certification Body Address: 5th Floor, 66 Prescot Street, London, E1 8HG, United Kingdom

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



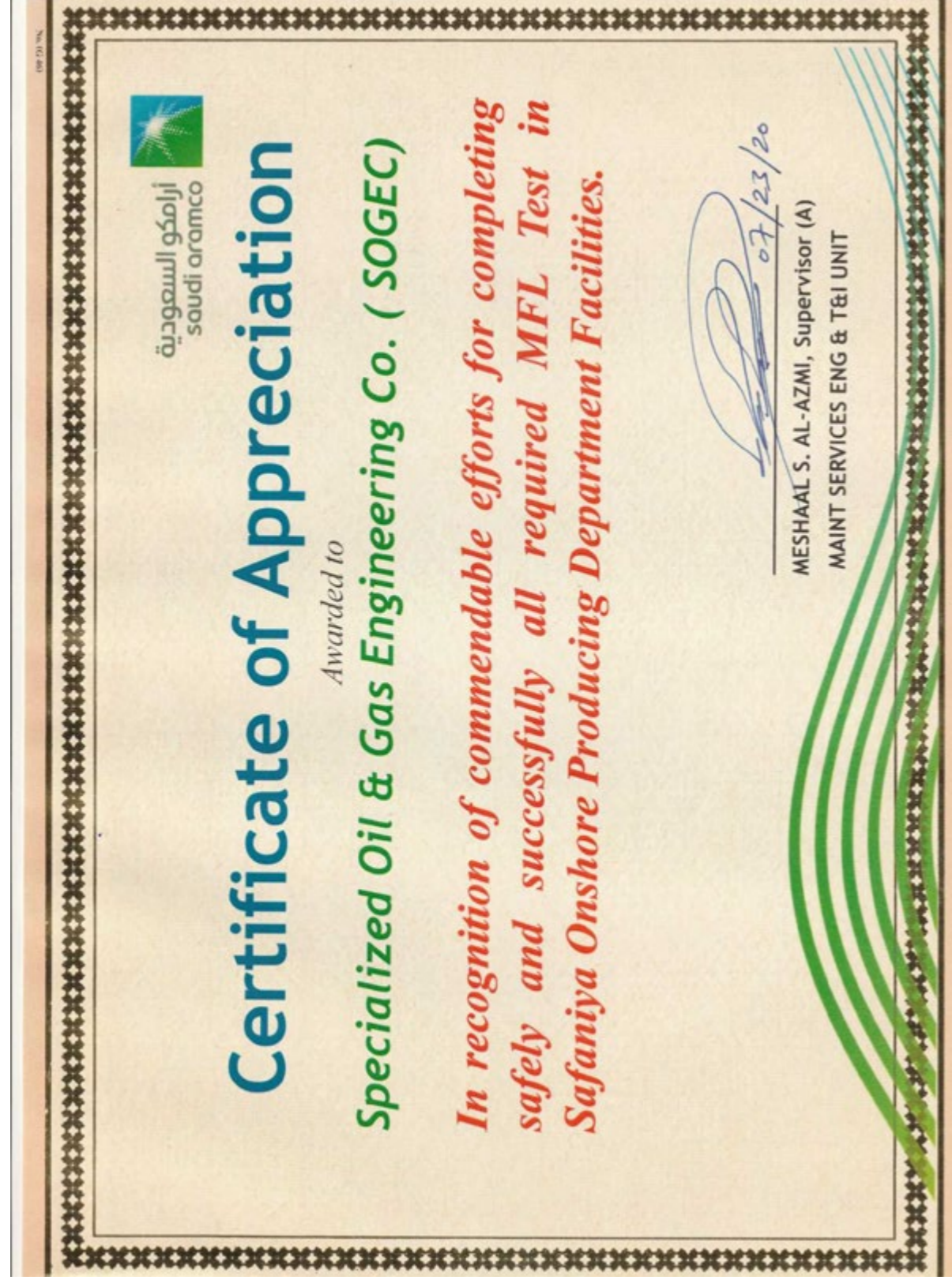
14.2
APPRECIATION



14.2
APPRECIATION



14.2 APPRECIATION



14.2 APPRECIATION



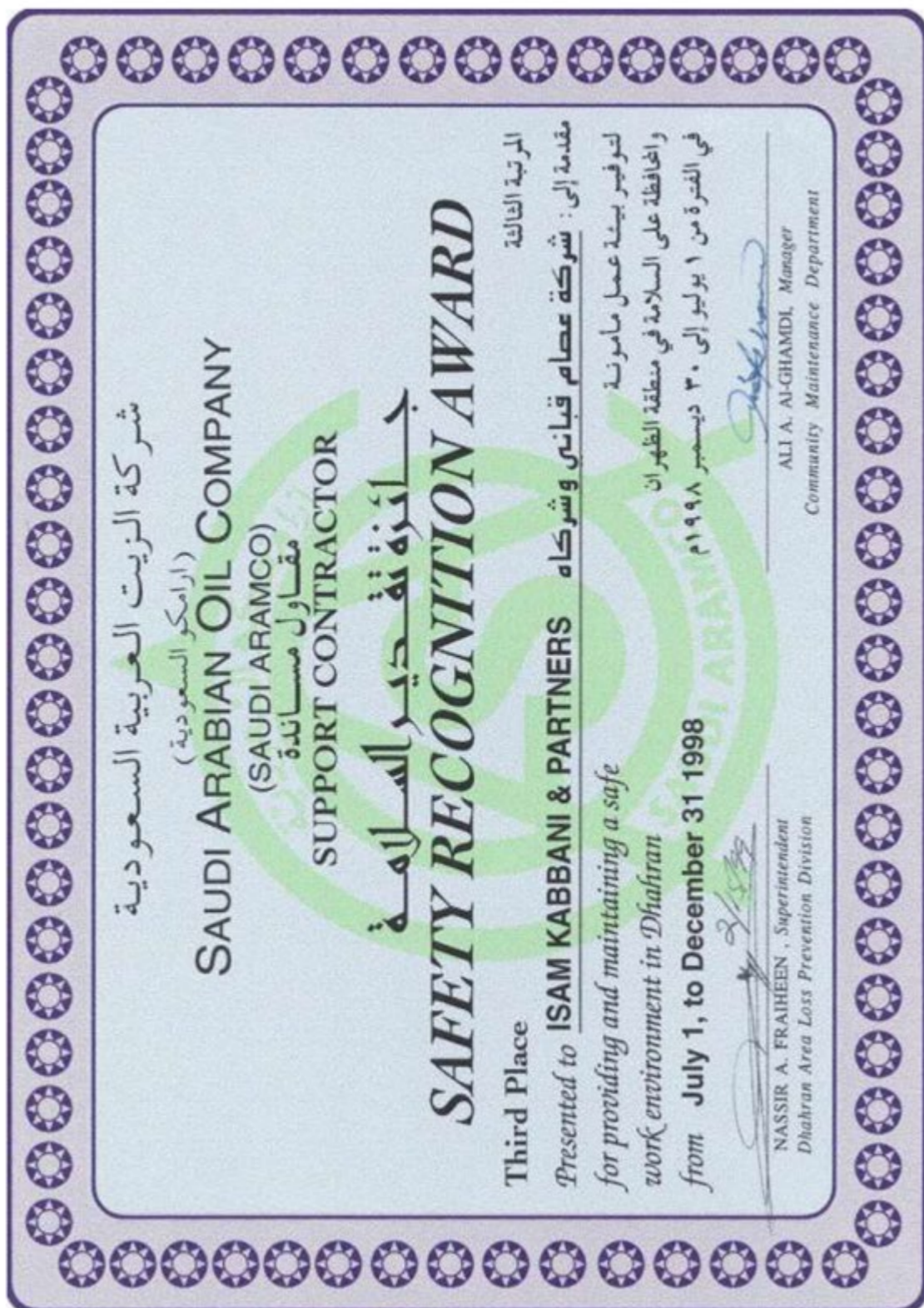
14.2 APPRECIATION



14.2 APPRECIATION



14.2 APPRECIATION



14.2 APPRECIATION



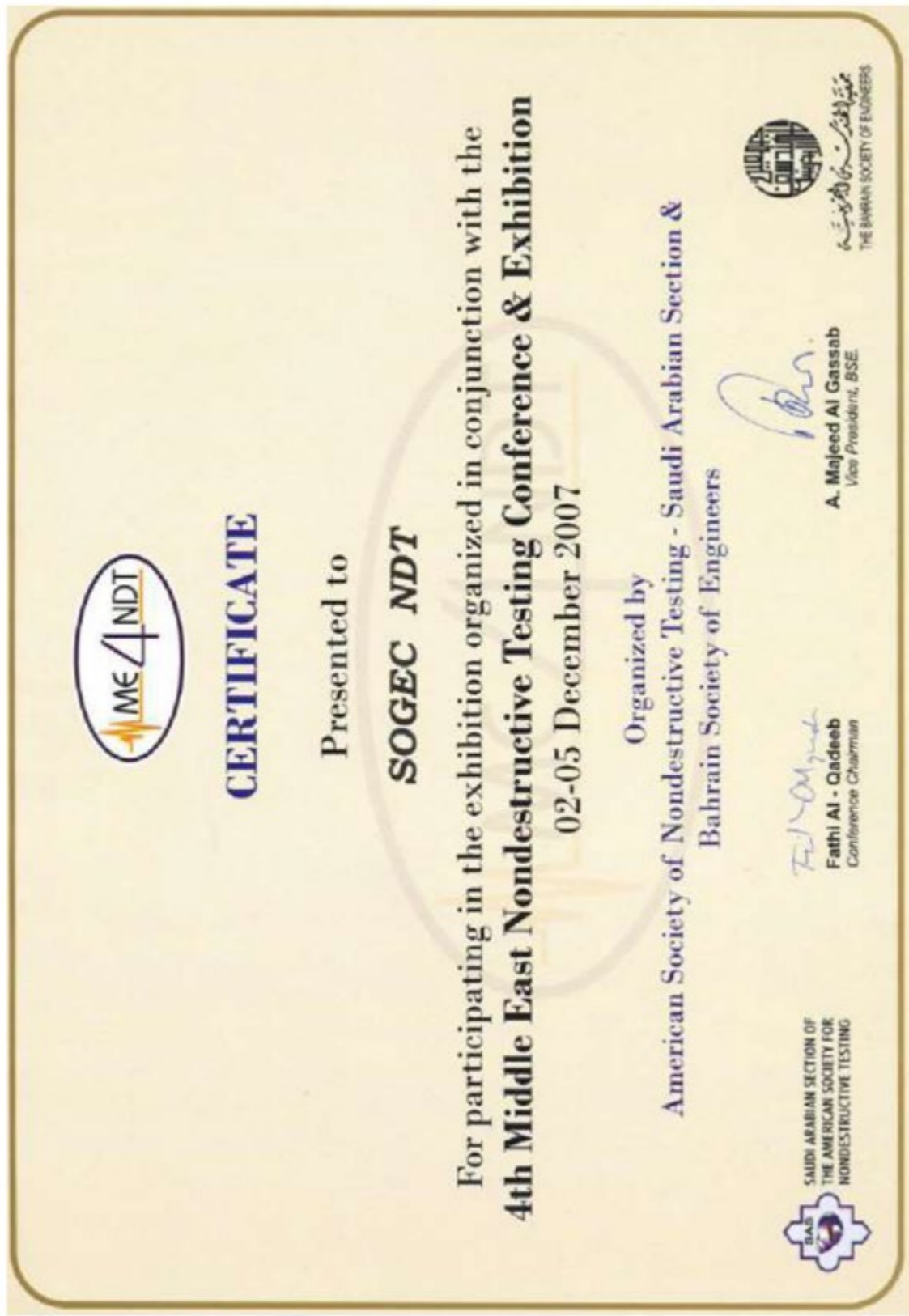
14.2
APPRECIATION



14.2
APPRECIATION



14.2
APPRECIATION



14.2
APPRECIATION



14.2
APPRECIATION



14.2
APPRECIATION



14.2 APPRECIATION



14.2 APPRECIATION



14.2
APPRECIATION



14.2
APPRECIATION



14.2 APPRECIATION



NACE JUBAIL SAUDI ARABIA
INTERNATIONAL SECTION



AMPPTM

Certificate Presented to



so gec
Specialized Oil & Gas Engineering Co. Ltd.

Mr Abdallah Hammoud

In Recognition and Appreciation for the support and Presentation of

NACE-J 2nd Technical Webinar

“DC STRAY CURRENT INTERFERENCE SOURCES AND MITIGATION MEANS”

Organized by



Dr. Ali Hamad Al-Shawaf
Trustee



April 11th, 2021
Dr. Fahad Al Mutlaq
Chairman

NACE Jubail Saudi Arabia Section
April 11th 2021, Jubail Industrial City, Kingdom of Saudi Arabia

14.2 APPRECIATION

Hyundai Arabia Company LLC
C R No : 2051050698



HYUNDAI
ARABIA COMPANY LLC. شركة هونداي العربية المحدودة
سجل تجاري رقم : 2051050698

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



MASSE BUSINESS CENTRE 3RD FLOOR, ST ABDUL RAHMAN AL DAKHEL P.O. BOX 32140, AL KHOBAR AL RAKA, 31952, KSA

14.2 APPRECIATION



14.2 APPRECIATION



14.2 APPRECIATION



14.2 APPRECIATION



14.2 APPRECIATION



15. Contact



CONTACTS

www.kcg-ikk.com

sogeccp.dammam@ikkgroup.com

sogecndt.dammam@ikkgroup.com

Dammam - Branch

P.O. Box 6897, Dammam 31452

KSA

Tel: +966 13 892 3777

Fax: +966 13 814 4849

Riyadh - Branch

P.O. Box 58951, Riyadh 11515

KSA

Tel: +966 11 292 8363

Jeddah - Branch

P.O. Box 5338, Jeddah 23523

KSA

Tel: +966 12 627 8444

Kuwait - Branch

Tel: +965 966 10 310