



SAHARA INTELLIGENT INVESTMENT COMPANY

COMPANY PROFILE

Fueling the Future.
Powering Progress.

Integrated Industrial Solutions
for the Energy Sector



SAFETY
FIRST



QUALITY
DRIVEN



RELIABLE
PARTNER



INNOVATIVE
SOLUTIONS



SUSTAINABLE
GROWTH

SAUDI ARAMCO
VENDOR ID:
10116317



OIL & GAS
SERVICES



EQUIPMENT
RENTAL



CONSTRUCTION
SUPPORT



MAINTENANCE
SOLUTIONS



INDUSTRIAL
SOLUTIONS

VISION رؤية
2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA





ABOUT US

DELIVERING EXCELLENCE ACROSS THE ENERGY & CONSTRUCTION SECTORS

SIIC is a growing Saudi firm, specializing in Oil & Gas Services such as Nitrogen services, Pumping Services, Pipeline Services, Industrial services & Maintenance along with equipment rentals. Our dedicated team is focused on understanding the unique challenges faced by our clients, allowing us to deliver high-quality solutions tailored to meet their diverse needs in the energy and construction sectors.

We are committed to fostering strong relationships with our clients and partners, continuously improving our services, and adapting to the dynamic market landscape.

As we expand our capabilities, we look forward to contributing to the development of the industry and supporting sustainable growth.

WHY SIIC



INTEGRATED
SOLUTIONS



EXPERIENCED
TEAM



MODERN
EQUIPMENT



SAFETY & QUALITY
FOCUSED



RAPID PROJECT
MOBILIZATION



CUSTOMER-CENTRIC
APPROACH



RELIABLE PROJECT
DELIVERY



CONTINUOUS
IMPROVEMENT



“

ENGINEERING EXCELLENCE
OPERATIONAL RELIABILITY
TRUSTED PARTNERSHIP

”



OIL & GAS



ENERGY



PETROCHEMICAL



CONSTRUCTION



INDUSTRIAL SOLUTIONS



VISION & MISSION



VISION

Our vision is to become a leading service provider in **“Oil & Gas” Upstream and Down stream** services along with construction. We aim to be recognized for our excellence, reliability, and unwavering commitment to sustainable practices.



MISSION

Our mission is to deliver exceptional service and innovative solutions that ensure the success and satisfaction of our clients. We are dedicated to upholding the highest standards of safety, quality, and integrity in everything we do.



SAFETY
FIRST



QUALITY
DRIVEN



RELIABLE
PARTNER



SUSTAINABLE
FUTURE



CONTINUOUS
IMPROVEMENT

**FUELING THE FUTURE.
POWERING PROGRESS.**

INTEGRATED SOLUTIONS FOR THE ENERGY SECTOR



WHAT WE DO

At SIIC, we are dedicated to providing comprehensive solutions and services that address the evolving needs of the Saudi market. Our diverse portfolio encompasses various aspects of construction, general industry, energy, and the oil and gas sectors.



Pipeline and process Services



Well Testing, Flaring installation



Fluid Pumping Services



Pipework, Fittings, Valves



Industrial Services



Wellhead Maintenance Services



Nitrogen Generation and Pumping Services



Equipment Rentals



Bolt Torquing and Tensioning Services



Filtration, Water Treatment, Mud Cooling System



BPV, Heavy equipment Maintenance



Tower lights, Generators, Compressors, Portable Cabins

RENTAL EQUIPMENT'S AS FOLLOWS

FLUID
NITROGEN PUMPS



PIPES



PORTABLE
TOWER



GENERATORS



SAFETY FIRST



QUALITY DRIVEN



RELIABLE PARTNER



SUSTAINABLE
FUTURE



CONTINUOUS
IMPROVEMENT

**FUELING THE FUTURE.
POWERING PROGRESS.**

INTEGRATED SOLUTIONS FOR THE ENERGY SECTOR



SERVICES PROVIDED

SIIC INDUSTRIAL SERVICES

PIPELINE AND PROCESS SERVICES (PPS)

1. PIPELINE SERVICES (COMMISSIONING NEW PIPELINES)



Cleaning of Construction Debris



Gauging



Flooding /Filling



Hydrostatic Test



Dewatering & Swabbing



Drying



MFL Activity



Final Nitrogen Layup & Start Up



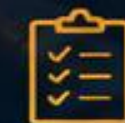
SAFETY
FOCUSED



TECHNICAL
EXPERTISE



EXPERIENCED
TEAM



QUALITY
ASSURANCE



ENVIRONMENT
CONSCIOUS

2. PIPELINE SERVICES (EXISTING PIPELINES)



Mechanical Cleaning



Chemical Cleaning



Pipeline pig tracking



De-Commissioning



LEL 0% (N₂ Purging)



MECHANICAL
CLEANING



CHEMICAL
CLEANING



PIPELINE
PIG TRACKING



HYDROSTATIC
TESTING



NITROGEN LAYUP
& START UP



OUR SERVICES

1. SIIC PROCESS SYSTEMS SERVICES

-  Hydrostatic Testing (welding integrity)
-  Air Blowing Service
-  Gross Leak Test Service
-  Nitrogen Services
-  Commissioning Leak Test Service
-  Mechanical Service
-  Chemical Cleaning Service
-  Hot lube oil flushing service



FIMS (FLANGE INTEGRITY MANAGEMENT SYSTEM) SOFTWARE SYSTEM

FIMS is a comprehensive software solution designed to ensure the integrity, safety, and reliability of flange connections across industrial facilities. It provides a centralized platform for managing flange data, tracking maintenance activities, monitoring bolt load conditions, and ensuring compliance with industry standards. FIMS helps reduce the risk of leaks, improve operational efficiency, and extend equipment life through effective flange management and reporting.



2. SIIC MECHANICAL SERVICES

Plant integrity problems result from incorrect joint assembly, improper tightening methods, ineffective flange tagging systems and lack of a formal flange management system.

-  Hydraulic Torquing
-  Hydraulic Tensioning
-  Manual Torquing
-  Pneumatic Bolting
-  FIMS (Flange Integrity Management System) Software system



HYDRAULIC
TORQUING



HYDRAULIC
TENSIONING



MANUAL
TORQUING



PNEUMATIC
BOLTING



FIMS (FLANGE INTEGRITY
MANAGEMENT SYSTEM)
SOFTWARE SYSTEM



SIIC MECHANICAL SERVICES

FIMS (FLANGE INTEGRITY MANAGEMENT SYSTEM) SOFTWARE SYSTEM

FLANGE / GASKET ANALYSIS

BOLTRIGHT v4.0 - from Hi-Force

File Edit Language Help

☒ Flange / Gasket Analysis ☐ Single Bolt Torque Analysis ☐ Change to Metric Units

Bolt Material

Details: **Property Class 10.9 or ISO 898-1**

Yield Strength: **130325 Lbf/in²** Percentage Yield to: **90 %**

Thread Diameter and Pitch Details

Thread: **2 1/2 - 8 UN** Bolt Finish: **2.689** Hole Diameter: **2.633**

Dil. Factor: **0.5** End Flange: **0.35** Dil. Factor: **0.5** ☒ Inch Thread Size ☐ Inch Thread Size

Dimensions are in inches

Lubrication Condition in the Gasket Groove: **Copall** Value of the Friction Coefficient: **0.1**

Torque Tightening Requirements

☒ **Calculate Torque Value**

Torque = 13222 Nm = 9752 Lbf-ft

Torque-Preload Calculation on an Individual Bolt
Torque Loading Requirements



Tooling Model No.: **TWH120NRH-3.7.6**
Tool Pressure Required = **645 bar = 9366 psi**

☐ Click For Additional Information on Tooling

Tooling Type

☒ Lightweight Aluminum Hydraulic Torque Wrench

☐ Low Profile Hydraulic Torque Wrench

SINGLE BOLT TORQUE ANALYSIS

BOLTRIGHT v4.0 - from Hi-Force

File Edit Language Help

☐ Flange / Gasket Analysis ☒ Single Bolt Torque Analysis ☐ Change to Metric Units

Flange Bolt Tightening by Tension Control

Minimum Bolt Load Required for Tensioning: **120500 Lbf**

Bolt Size - **8**

Min. Bolt Load Required for Gasket Seating: **136644 Lbf**

Min. Bolt Load Required to Allow for Individual Service: **120500 Lbf**

Bolt Stress: **28884 Lbf/in²**

% Minimum Yield Under Bolt Stress: **27.9 %**

The tensioning value calculated will be based upon the above values. Change of % **100%**

User Selected Minimum Bolt Yield Utilization: **40 %**

Type of Hydraulic Tensioner: ☒ Standard Stud Bolt Tensioner ☐ Subsea Stud Bolt Tensioner

☐ Click for Further Vendor Details on Tensioners

Pressure of the Hydraulic Tensioner: **1.25**

Tensioning Procedure: **100%**

Tensioner Model: **ST54-280**

☒ **Calculate Tensioning Requirements**

Results

Residual Bolt Preload = **105209 Lbf**
Residual Bolt Stress = **20500 Lbf/in²**

Standard Stud Bolt Tensioner
Tensioner Model Number: **ST54-250**
Tensioner Capacity: **206150 Lbf**
100% Tensioning Procedure Specified

Tensioner Pressure Required
Pressure B: **17847 psi**

Bolt Force during Tensioning
Bolt Force at Pressure B: **232212 Lbf**
Bolt Stress during Tensioning
Pressure B: **32800 Lbf/in² (90% Yield)**

Please Click on the Tensioning Procedure Button for specific details of how the tensioning sequence should be applied.

INDIVIDUAL BOLT TORQUE ANALYSIS

BOLTRIGHT v4.0 - from Hi-Force

File Edit Language Help

☐ Flange/Gasket Bolting Analysis ☒ Individual Bolt Torque Analysis ☒ Use Imperial Units ☐ Use Metric Units

Flange Specification

Standard: **ASME** ☒ **ISO**

Flange Rating: **600** **psi**

Design Pressure: **1480** **psi**

Design Operating Temperature: **3** **°C**

Bolt Details

Use Metric: **NO** ☒ **YES**

No. of Bolts in Joint: **4**

Thread Size: **1/2 - 13 UNF**

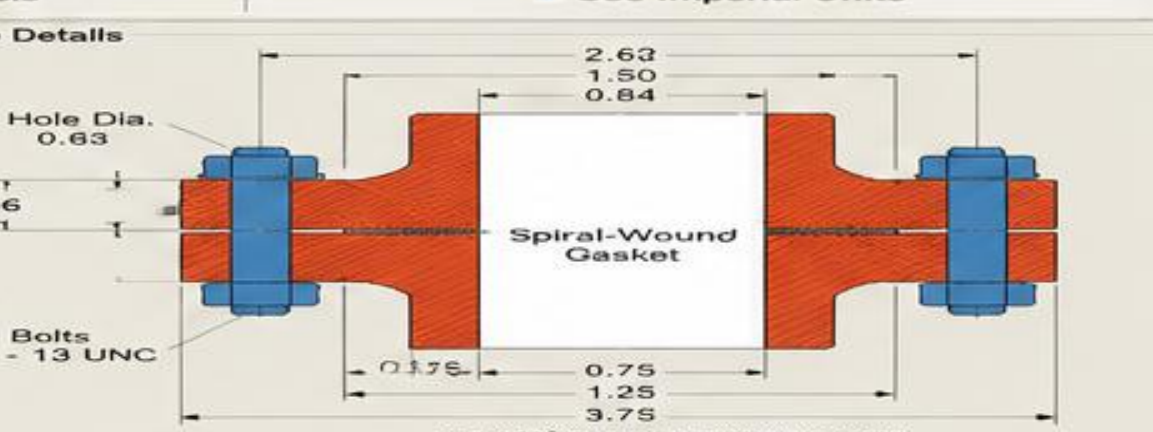
Bolt Material: **ASTM A193 - B7**

Gasket Details

Gasket Type: **Spiral Wound Gasket**

Gasket Material: **Graphite or Soft Steel**

Flange Details



Hole Dia.: **0.63**

0.56

4 Bolts **1/2 - 13 UNF**

0.75

0.75

1.25

3.75



CHEMICAL CLEANING SERVICES

Chemical cleaning is a method to clean surfaces and walls of equipment, pipelines, vessels, and heat exchangers of unwanted contaminants.



DEGREASING



DESCALING



NEUTRALIZATION



PASSIVATION



CHEMICAL CLEANING METHODS

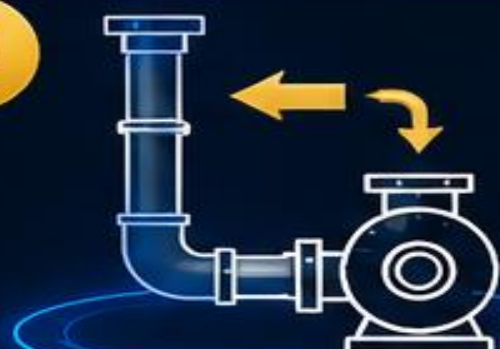
1



FILL AND SOAK METHOD

The equipment or pipeline is filled with chemical solution and allowed to soak for a specific time to dissolve deposits and contaminants.

2



CIRCULATION METHOD

The chemical solution is continuously circulated through the system to effectively remove scale and contaminants.



SAHARA INTELLIGENT INVESTMENT COMPANY (SIIC)



EQUIPMENT'S LIST

- > C-Pumps
- > Diesel Tanks, Diesel Tankers
- > NPU-Nitrogen Pumps
- > Air Compressors
- > Nitrogen Tankers (Bulkers)
- > NGU-Nitrogen Generation Unit
- > Certified Cement Blocks
- > Nitrogen ISO Tanks
- > Water, Bleed-Off Tankers
- > Filtration Skid Unit
- > Portable Office Cabins
- > 15 Kpsi Single and Twin fluid pumps
- > Fluid transfer pumps
- > 500 bbl water and acid coated Frac Tanks
- > Fluid Waste Tankers
- > Certified Pipe Works, Iron
- > Suction pumps
- > Burner Head with its Ignition System 12000 BPD
- > Batch Mixer
- > Power Generators
- > Chemical Shelter
- > Tower Lights Portable
- > Diesel Tanks, Diesel Tankers
- > Air Compressors
- > NGU-Nitrogen Generation Unit
- > Nitrogen ISO Tanks
- > Filtration Skid Unit
- > 15 Kpsi Single and Twin fluid pumps
- > 500 bbl water and acid coated Frac Tanks
- > Certified Pipe Works, Iron
- > Burner Head with its Ignition System 12000 BPD
- > Power Generators
- > Tower Lights Portable



SERVICES LIST

- > Nitrogen Services
- > Well Services
- > Wellhead Maintenance services
- > Flare lines installation services
- > Portable Water Treatment Plant
- > Mud Cooling System
- > Heavy Equipment Maintenance
- > Back Pressure Valve Services - BPV
- > Pipeline Services
- > Hydraulics Bolt Torquing & Tensioning Service
- > Chemical Cleaning Services
- > Hydro-Jetting Services
- > Dewatering Services
- > Catalyst Services
- > Pumping Services



Equipment's Provided



Single Fluid Pump-5,10,15 K Psi



NOV Combi Pump-Nitrogen Trailer



NPU-Nitrogen Skid Pump 180K



Twin Pod Filter



C-Pumps



Fluid Transfer Pumps



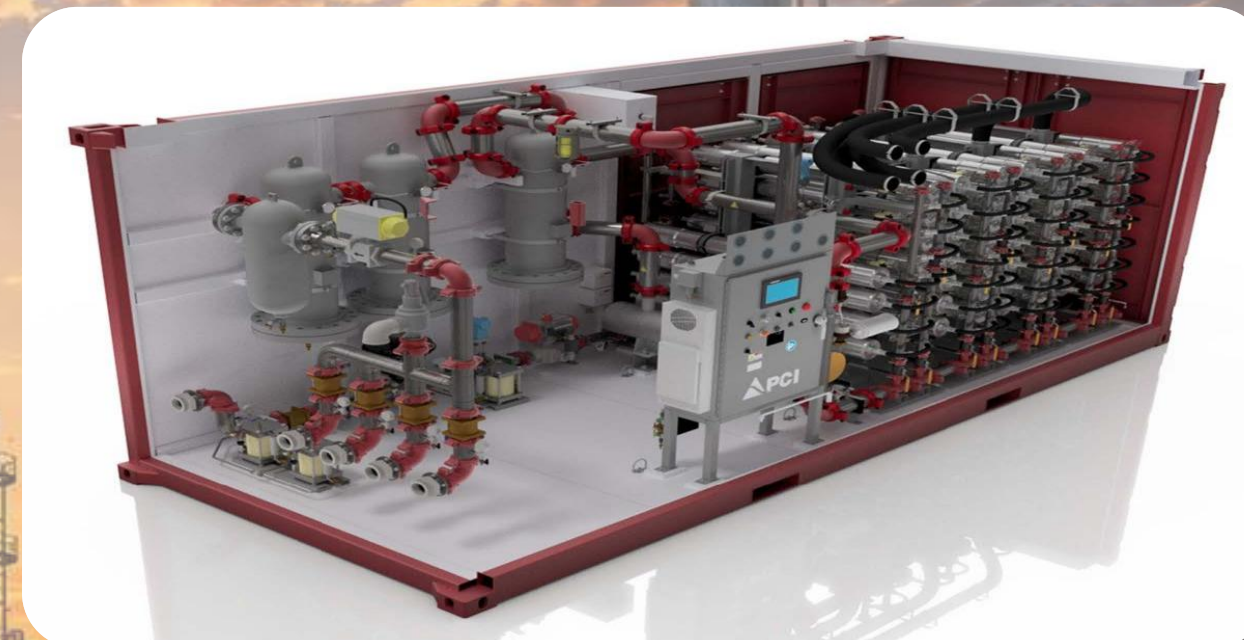
Equipment's Provided



Twin Pump 1100 HHP Trailer Mounted Unit



Chemical Injection Pump



Nitrogen Membrane



HT 400 Fluid Pump Skid Unit



NGU-Nitrogen Generation Unit



Wilden Diaphragm Pumps



Equipment's Provided



Nitrogen Road Transporter



Nitrogen ISO Tanks



Waste Fluid Tanks



Acid & Chemical Tanks



Deisel Tankers



500 BBL Frac Tanks



Water Tankers



Equipment's Provided



Electric Generators & Tower Lights



Portable Tower Lights



Portable Site Facility Cabins – Aramco Standard



Cement Blocks –Aramco Certified



Portable Water Treatment Unit



Burner Heads & Ignition System



ISO Certified



This is to certify that the Management System of the

Sahara Intelligent Investment Co.

Building No 6528, King Faisal Rd, 3605 Al Bandariayah
Dist. Al Khobar 34423, Saudi Arabia

Has been assessed and found to be in Compliance with the requirements of Standard detailed below

ISO 9001:2015
Quality Management System

This certificate is applicable for the following Services

Design, Development and Execution of Operations and Services
for the Petroleum and Natural Gas Industry

This Certificate is issued having Certificate No.: SISTEMA-KSA/SNV-Q2688

First Surveillance Date: 21.05.2026

Issue Date: 21.06.2025

Second Surveillance Date: 21.05.2027

Expiry Date: 20.06.2026

Re-Certification due on: 21.05.2028

Verify the certificate: www.sistemacerts.com



Satish Kumar
Managing Director

The Organization's documentation and implementation has been reviewed and found to comply with the relevant standard rules. This certificate of Registration is based on the evaluation of the mentioned scope and also responsible for maintaining the responsibilities of the relevant standard rules. If any changes in the Activities of the Company, this certificate is invalid. The validity of certificate is subject to Successfully Completion of surveillance audit on before due dates and its only valid after successful surveillance with continuation letter issued by us. QUALITY SISTEMA Certifications and Inspections Pvt Ltd; Cape Office: Ph: 88-194, Sector-F, JDA Colony, Kanpur Road, Lucknow-226012.



This is to certify that the Management System of the

Sahara Intelligent Investment Co.

Building No 6528, King Faisal Rd, 3605 Al Bandariayah
Dist. Al Khobar 34423, Saudi Arabia

Has been assessed and found to be in Compliance with the requirements of Standard detailed below

ISO 14001:2015
Environment Management System

This certificate is applicable for the following Services

Design, Development and Execution of Operations and Services
for the Petroleum and Natural Gas Industry

This Certificate is issued having Certificate No.: SISTEMA-KSA/SNV-E2689

First Surveillance Date: 21.05.2026

Issue Date: 21.06.2025

Second Surveillance Date: 21.05.2027

Expiry Date: 20.06.2026

Re-Certification due on: 21.05.2028

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Building No 6528, King Faisal Rd, 3605 Al Bandariayah
Dist. Al Khobar 34423, Saudi Arabia

Has been assessed and found to be in Compliance with the requirements of Standard detailed below

ISO 45001:2018
Occupational Health & Safety Management System

This certificate is applicable for the following Services

Design, Development and Execution of Operations and Services
for the Petroleum and Natural Gas Industry

This Certificate is issued having Certificate No.: SISTEMA-KSA/SNV-Q2690

First Surveillance Date: 21.05.2026

Issue Date: 21.06.2025

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OUR TRUSTED VENDORS & CLIENTS

We are proud to work with leading organizations in the oil & gas and energy sector.

REGISTERED VENDORS



Vendor ID: 10116317



Vendor ID: 105898



Vendor ID: S11483659



Vendor ID: S11475355



Vendor ID: 0002014528



Vendor ID: 1303069



Vendor ID: GNS-05719



Vendor ID: HOS022902

شركة عبدالله هاشم للغازات والمعدات الصناعية المحدودة
ABDULLAH HASHIM INDUSTRIAL GASES AND EQUIPMENT CO. LTD.

OUR CLIENTS



EXPERIENCE

Proven in challenging environments



RELIABILITY

Committed to our partners



SAFETY

Safety is our priority



QUALITY

Delivering excellence in everything we do



PERFORMANCE

Driving value through performance

At SIIC, we provide a wide array of equipment and services tailored to the diverse needs of the Saudi market. Our offerings encompass the entire construction, energy, and oilfield value chain, delivering reliable, innovative, and efficient solutions to our clients.

- 

INTEGRATED INDUSTRIAL SOLUTIONS

We provide a comprehensive range of equipment, manpower, and technical services tailored to support construction, industrial, and energy projects across Saudi Arabia. Our solutions are designed to maximize productivity, minimize downtime, and ensure operational excellence.
- 

THOUGHT LEADERSHIP & TECHNICAL EXPERTISE

Backed by experienced engineers, project managers, and technical specialists, SIIC combines industry knowledge with practical experience to deliver innovative solutions for complex operational challenges. Our commitment to continuous improvement ensures we remain at the forefront of industry best practices.
- 

LOCAL PRESENCE & MARKET ADAPTABILITY

With a strong local presence and an extensive operational network throughout the Kingdom, SIIC responds quickly to project requirements while adapting to changing market conditions. Our understanding of local regulations, client expectations, and industry dynamics enables us to provide flexible and efficient solutions that create long-term value.
- 

CUSTOMER-FOCUSED DELIVERY

Every project begins with understanding our clients' objectives. We work collaboratively to develop customized solutions that improve performance, enhance reliability, and support sustainable business growth.
- 

RELIABLE EXECUTION

Our disciplined approach to project management, combined with modern equipment and qualified personnel, ensures every project is delivered safely, on schedule, and to the highest quality standards.



DELIVERING INNOVATIVE SOLUTIONS

DRIVING OPERATIONAL EXCELLENCE

SUPPORTING SAUDI VISION 2030



رؤية 2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA

At SIIC, our commitment to health, safety, and environmental (HSE) excellence is fundamental to our operations and integral to our corporate values. We prioritize the well-being of our employees, communities, and the environment through rigorous standards and proactive measures. Here's how we uphold our HSE commitment.

- 

SAFETY FIRST, ALWAYS

 - We foster a safety-first culture where every individual takes responsibility for their own safety and that of others.
 - We adhere to international HSE standards and best practices to prevent incidents and ensure a safe working environment.
- 

PROTECTING HEALTH & WELL-BEING

 - We promote the physical and mental well-being of our employees and contractors.
 - We provide ongoing training, health programs, and supportive work conditions to ensure a healthy workforce.
- 

ENVIRONMENTAL STEWARDSHIP

 - We are committed to minimizing our environmental impact through responsible operations.
 - We implement sustainable practices, reduce emissions, conserve resources, and manage waste effectively.
- 

PEOPLE & COMMUNITY FOCUS

 - We respect and care for the communities where we operate.
 - We engage with stakeholders, support local initiatives, and contribute to the social and economic development of the regions.
- 

CONTINUOUS IMPROVEMENT

 - We set measurable HSE objectives and continuously monitor our performance.
 - We learn, adapt, and innovate to achieve excellence in HSE every day.





OUR PROMISE

We are committed to delivering our projects safely, protecting the environment, and promoting the health and well-being of everyone we work with. HSE is not just a responsibility—it's a way of life at SIIC.

SAFETY TODAY SUSTAINABLE TOMORROW



FINANCIAL BACKGROUND

At SIIC, our robust financial performance underscores our position as a leading player in Construction, oil and gas industry. We are committed to delivering strong financial results through strategic growth, operational efficiency, and prudent financial management.



STRONG FINANCIAL PERFORMANCE

Consistent growth in revenue and profitability reflects our sound financial foundation and effective business strategies.



PRUDENT FINANCIAL MANAGEMENT

We maintain a disciplined approach to budgeting, cost management, and risk control to ensure long-term sustainability and stability.



STRATEGIC INVESTMENTS

Our investments in equipment, technology, and people enhance our capabilities and position us for sustainable growth.



FINANCIAL STRENGTH

A solid financial base enables us to undertake large-scale projects and deliver value to our clients with confidence.

CONCLUSION



At SIIC, we are committed to excellence and innovation in the construction, energy, and oil and gas sectors. Our strategic vision, dedication to safety and sustainability, and strong financial performance highlight our position as a trusted service provider.



Through key projects and our local presence, we are constantly enhancing our capabilities and expanding our reach to meet market demands responsibly and efficiently.



Our emphasis on cutting-edge technology, operational efficiency, and community engagement demonstrates our commitment to delivering value for our clients while contributing to sustainable growth.



We would be pleased to discuss our projects and initiatives in more detail and explore how we can collaborate for mutual success.

“

**BUILDING STRONGER PARTNERSHIPS
POWERING GROWTH. DELIVERING VALUE.
SHAPING A SUSTAINABLE FUTURE.**

”



FINANCIAL STABILITY

Built on strong performance and discipline



SUSTAINABLE GROWTH

Investing in people, assets and technology



DELIVERING VALUE

Focused on client satisfaction and long-term impact



RESPONSIBLE FUTURE

Committed to safety, sustainability and community



**SAHARA INTELLIGENT
INVESTMENT COMPANY
(SIIC)**

CONTACT US



SAHARA INTELLIGENT INVESTMENT COMPANY (SIIC) **MARKETING**

- ✉ marketing@siic-sa.com
- ☎ +966 541158278
- 📍 Khobar, Kingdom of Saudi Arabia

OPERATIONS

- ✉ operations@siic-sa.com
- 📍 Khobar, Kingdom of Saudi Arabia



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- ☎ +973 32205015
- 📍 Diplomatic Area, Kingdom of Bahrain

CR Number: 2051261727

**BUILDING TODAY
POWERING TOMORROW
SHAPING A SUSTAINABLE
FUTURE**



PEOPLE



SAFETY



PERFORMANCE



SUSTAINABILITY



PARTNERSHIP

THANK YOU
FOR YOUR TRUST AND PARTNERSHIP



COMMITTED TO EXCELLENCE.
DEDICATED TO OUR CLIENTS.