

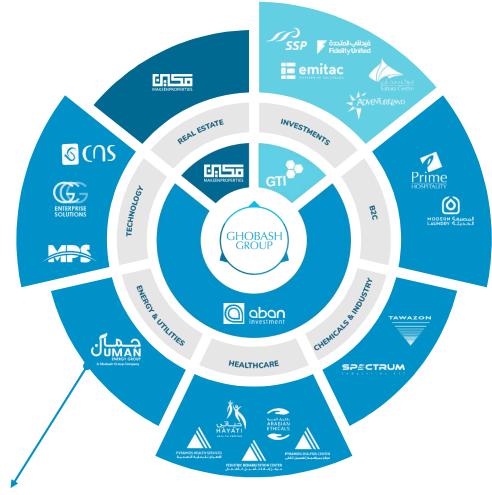
A Ghobash Group Company

CORPORATE PROFILE

GHOBASH GROUP STRUCTURE



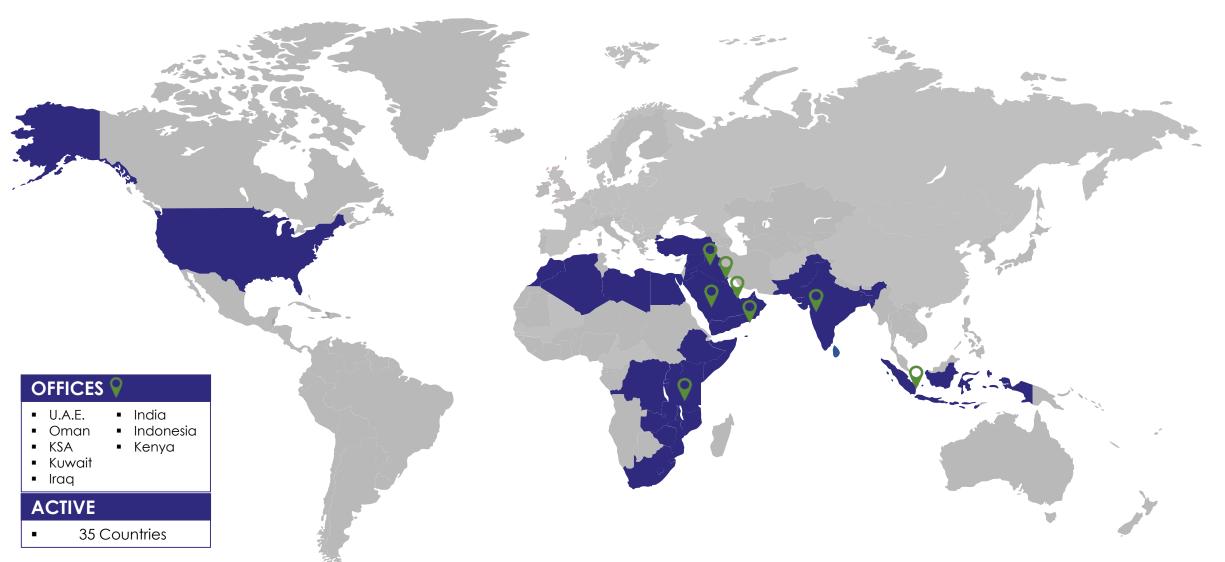
Driven by a strategy of sustainability and diversification, the Ghobash Group is active in seven key sectors of the economy (our Clusters), through its three key pillars: Aban Investment, Makeen and GTI.



The Energy Group operates across the entire energy sector with a variety of technologies and partnerships.

GHOBASH GROUP FOOTPRINT





CREATING SHAREHOLDER VALUE

THROUGH STRATEGIC MOVES

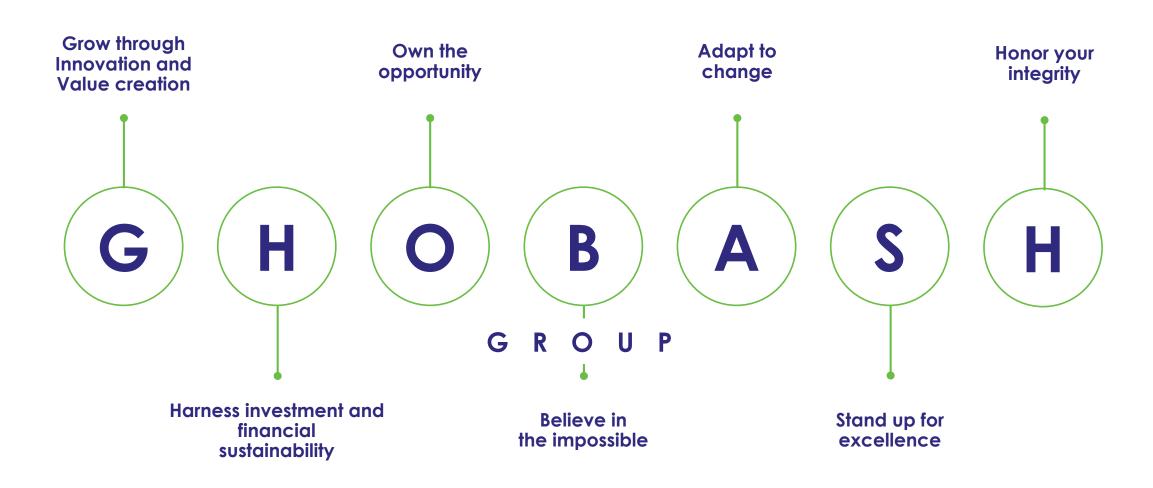




THE PRINCIPLES WE FOLLOW



We aim to delight our customers and attract and grow the best talent in the market through our core principles



ABAN INVESTMENT





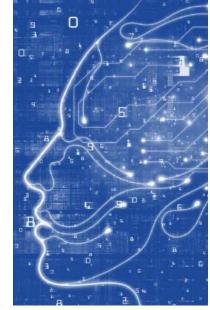
HOSPITALITY & RETAIL

The group built strong ties with major retailers and hospitality brands





The group represents a portfolio of technology partners in the IT sector





REAL ESTATE

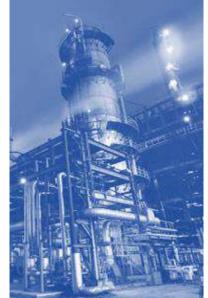
Real estate remains one of the core activities and includes developments





CHEMICALS & INDUSTRY

The Group is actively involved in supplying chemical raw materials





HEALTHCARE

The group has a broad investments in the healthcare sector





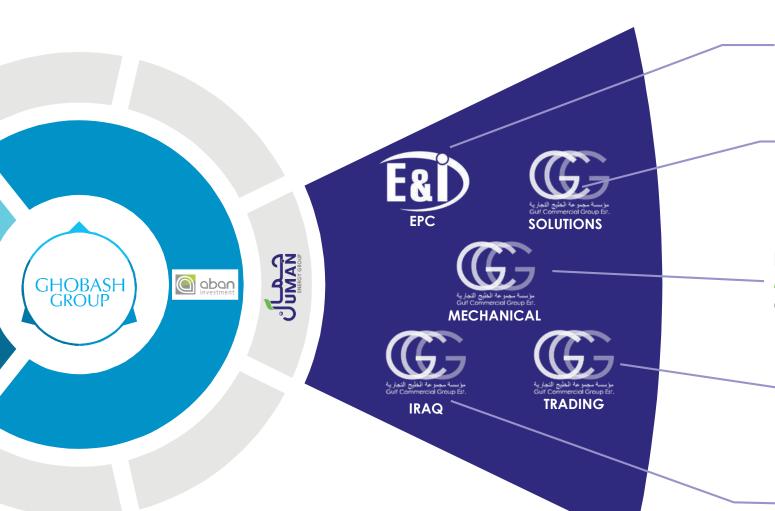
ENERGY

The group represents a service portfolio across the energy sector



JUMAN ENERGY GROUP





Specialized E&I & Electro-mechanical
Contractor in the region for the Energy Sector

Regional Center of competence in Packaged Solutions, and Automation & Digitalization

Integrated regional center for Mechanical & Rotating equipment and services

Partnerships with industry leading brands for Engineered Product Distribution

Country sales and operational office to support Iraq Business in the North & South.

JUMAN ENERGY GROUP PROFILE

SIX BUSINESS UNITS, ONE ENERGY GROUP



- WORLD CLASS TRACK RECORD - ENERGY RECOGNIZED LEADERSHIP - 16 NATIONALITIES WORKING TOGETHER -



Annual Revenue	\$ 50 M
Business units	6
Business Verticals	10
Total Employees	450
Locations	3
Countries	10
Partners	16
Customers	+1,000

MANAGEMENT TEAM



MANAGEMENT EXPERTISE

- More than 100 Years collective Oil & Gas Expertise
- In-depth understanding across the Energy value chain
- A unique combination of local distribution network
- Considerable Middle East regional experience
- Experienced in handling large project scopes



JURGEN JOMAN
Managing Director
JUMAN ENERGY GROUP



SUMEET VINAYAK General Manager EE&I



NASIR SHARIF General Manager GCG - ENGINEERING



MOHAMED MAKHZOUMI Country Manager GCG - IRAQ



TARIQ AL HOSANI HR Manager JUMAN ENERGY GROUP



AHMAD ASFOURA Finance Manager JUMAN ENERGY GROUP

PRODUCT & SERVICE STRUCTURE



Regional Center of competence in Automation & Digitalization





Specialized E&I
and Electromechanical
Contractor in the
Middle East
region





In-Country-Value principal representing industry leading names.





Regional center for all mechanical equipment and services.



IRAQ



Country sales and operational office to support Iraq Business in the North & South.

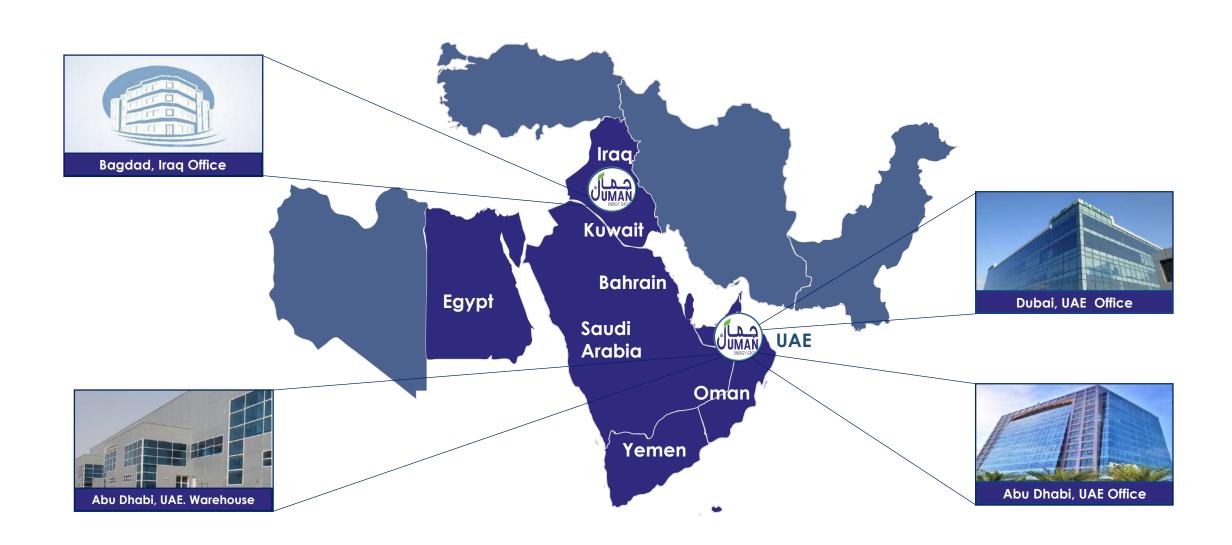


Reliable and strategic partnerships with leading names in the industry

SIX BUSINESS UNITS, ONE ENERGY GROUP

REGIONAL FOOTPRINT





HOW ARE WE DIFFERENT





INDUSTRY UNDERSTANDING

Our leadership team has a collective 100+ years of experience and cross regional exposure in the Energy Sector.



We are present throughout the region and we have local expertise that supports our distribution networks.



PROFESIONALS & EXPERTS

Our teams compromise of professionals and experts from respective domains within our industry.



We are committed to deliver sustainable solutions that benefit our client's long-term growth.



TAILORED DELIVERABLES

Our services and products are specifically focused to meet our customers needs and expectations.



We act in partnership with our principals and like to be seen as their extension and local knowledge base.



We are an integrated services group that provides a complete set of services spanning the Energy Sector



Our zero-compromise attitude to quality ensures we deliver above and beyond client expectations.

OUR VALUE CHAIN

GCG (UAE)

GCG (IRQ)



UPSTREAM MIDSTREAM DOWNSTREAM Exploration & Production (E&P) Distribution: Transportation, Storage Refining, Petrochemicals, Chemicals Equipment and Systems manufacturers (incl. Aftermarket support) Manufacturers, (Infrastructure, Harnesses, monitoring, environmental control, performance and safety, extraction, transportation, etc.) Tier >1 suppliers, Aftermarket and test Traders / Distributors / Aftermarket Service (Repair, Maintenance, Test) sub-contractors (Local vendors, certification, support services, spare parts, maintenance / test, refurbishment, etc.) **Production Distribution** Refining **Exploration Development Retail** Pressure Pumping Coiled Tubing Rental & Fishing Equipment Testing- repair Equipment Testing- repair Transportation Tools & Other Equipment Solids Control 8 Waste Mngt Transportation Crude Conversion Completions Specialty Chemicals Well Testing Artificial Lift **Products** Wireline Pipeline Storage Drilling Sales Bits and Services EE&I

PARTNERSHIPS





THE POWER OF CONNECTED

Field Instrumentation



Level Instruments & **Switches**



Single & Double Orifice Assembly system



Instrumentation **Valves & Fittings**



Pressure Control Valve

KOMOTO

Control Valves



Industrial Software and Solutions



Industrial Virtual Reality (VR)



Industrial Automation and Drive Solutions



Real-Time data Management





Loading Arms

TechnipFMC

Measurement

Solutions

TECHNIP

ENERGIES

Oil in Water **Analyzers**



Ultrasonic Flow Meter



Heat Exchanger & Pressure Vessels



Dry Deluge Testing Rapture Disc



System

Hart Communicator



Reciprocating Compressor



Industrial Software and IT Solutions



Digitalization and Analytic



Engineering Services



High Pressure Water cleaning & Cold Cutting



Pipeline Integrity

Management

Control Valves

Condition Monitoring & Partial Discharge

IN COUNTRY VALUE (ICV)



Local supplier selection – Development of UAE Nationals – Localization of critical functionalities in the Oil & Gas Industry

Support of local economies a priority for the Ghobash Group of Companies

- Supporting Growth, development and diversification
- National economic growth
- Maximizing in-country value
- Program targets SMEs
- Providing high-level visibility of ADNOC's spend
- Identifying appropriate categories
- Enhances





HSE COMMITMENT



MAN HOURS WORK 670,858 3,375,012 NO. OF WORKFORCE 401 NA NEAR MISSES 178 238 FIRST AID CASES 0 0 PROPERTY DAMAGE 0 1 HSE VIOLATIONS 0 0 FIRE 0 0 LOST TIME INJURY 0 0 RESTRICTED WORKDAYS CASES 0 0 TOTAL INCIDENT CASE 0 1 INCIDENT RATE 0 1.27 FREQUENCY RATE 0 1.27 TRIR 0 0.29 COVID CASES 0 41	DESCRIPTION	2020	CUMULATIVE
NEAR MISSES 178 238 FIRST AID CASES 0 0 PROPERTY DAMAGE 0 1 HSE VIOLATIONS 0 0 FIRE 0 0 LOST TIME INJURY 0 0 RESTRICTED WORKDAYS CASES 0 0 TOTAL INCIDENT CASE 0 1 INCIDENT RATE 0 1.27 FREQUENCY RATE 0 0.29	MAN HOURS WORK	670,858	3,375,012
FIRST AID CASES PROPERTY DAMAGE 0 HSE VIOLATIONS 0 FIRE 0 LOST TIME INJURY 0 RESTRICTED WORKDAYS CASES 0 TOTAL INCIDENT CASE 0 INCIDENT RATE 0 1.27 FREQUENCY RATE 0 0.29	NO. OF WORKFORCE	401	NA
PROPERTY DAMAGE 0 1 HSE VIOLATIONS 0 0 FIRE 0 0 LOST TIME INJURY 0 0 RESTRICTED WORKDAYS CASES 0 0 TOTAL INCIDENT CASE 0 1 INCIDENT RATE 0 1.27 FREQUENCY RATE 0 0.29	NEAR MISSES	178	238
HSE VIOLATIONS FIRE 0 0 LOST TIME INJURY 0 RESTRICTED WORKDAYS CASES 0 TOTAL INCIDENT CASE 0 INCIDENT RATE 0 1.27 FREQUENCY RATE 0 0.29	FIRST AID CASES	0	0
FIRE 0 0 0 LOST TIME INJURY 0 0 0 RESTRICTED WORKDAYS CASES 0 0 TOTAL INCIDENT CASE 0 1 INCIDENT RATE 0 1.27 FREQUENCY RATE 0 1.27 TRIR 0 0.29	PROPERTY DAMAGE	0	1
LOST TIME INJURY 0 0 RESTRICTED WORKDAYS CASES 0 TOTAL INCIDENT CASE 0 INCIDENT RATE 0 1.27 FREQUENCY RATE 0 0.29	HSE VIOLATIONS	0	0
RESTRICTED WORKDAYS CASES 0 TOTAL INCIDENT CASE 0 INCIDENT RATE 0 1.27 FREQUENCY RATE 0 0.29	FIRE	0	0
TOTAL INCIDENT CASE 0 1 INCIDENT RATE 0 1.27 FREQUENCY RATE 0 1.27 TRIR 0 0.29	LOST TIME INJURY	0	0
INCIDENT RATE 0 1.27 FREQUENCY RATE 0 1.27 TRIR 0 0.29	RESTRICTED WORKDAYS CASES	0	0
FREQUENCY RATE 0 1.27 TRIR 0 0.29	TOTAL INCIDENT CASE	0	1
TRIR 0 0.29	INCIDENT RATE	0	1.27
	FREQUENCY RATE	0	1.27
COVID CASES 0 41	TRIR	0	0.29
	COVID CASES	0	41

Our HSE Management System model comprises eight interrelated components:

- commitment and leadership and accountability
- policies and objectives
- organization and resources
- contractor and supplier management
- risk management
- business processes
- performance monitoring and improvement
- audits and reviews.

CERTIFICATION



We are ISO and OHSAS certified, for Quality Management (ISO 9001:2015), Environmental Management system (ISO 14001:2018, and Occupational Health and Safety (OHSAS 18001:2007).













RECOGNITIONS







Date : 21-April-2020

Ref. No. : ADM/PROC/L-404-VM/20
Attention : The General Manager

To : M/s. EMIRATES ELECTRICAL & INSTRUMENTATION COMPANY - L.L.C.

PO Box: 41708, Abu Dhabi Email: info@e-i-emirates.com

Subject: Contractor HSE Performance

Please be informed that the HSE performance of your below mentioned contract with ADNOC Sour Gas has been evaluated and the performance rating indicated as below:

Contract No.	Scope of Work	Performance Indicator	Evaluation Period
5300000140	Maintenance for BA, TTGR, WHCP,FS	Excellent	H2 - 2019

We take this opportunity to acknowledge and appreciate your compliance to the ADNOC Code of Practice on Management of Contractor HSE and Welfare (ADNOC-COPV1-04).

Thanks for your contribution in making ADNOC Sour Gas a safer work place.

We look forward to having your continued attention and support towards our 100% HSE initiative.

Regards,



Chief Executive Officer



"We take this opportunity to acknowledge and appreciate your compliance to the ADNOC Code of Practice on Management of Contractor HSE and Welfare (ADNOC-COPV1-04).

Thanks for your contribution in making ADNOC Sour Gas a safer work place. We look forward to having your continued attention and support towards our 100% HSE initiative. "

Omar Obaid Al Nasri Chief Executive Officer, ADNOC Sour Gas

PRODUCTS & SERVICES

OUR OPERATING COMPANIES





GCG ENGINEERING SERVICES



Established in 1982, today GCG Engineering Services mainly provides industrial solutions to the oil and gas industries, as well as defense and aviation. Committed to delivering the latest innovations available on the market, the company has kept pace with the rapid development of these industries in the UAE and Middle East region.

The company operates four business verticals and is focused to advanced automation and digitalization of energy systems in the Middle East, which include Design, Engineering, Supply, Inspection, Installation, Commissioning, Training and Maintenance support, GCG Engineering Services has the capability to undertake turnkey contracts for PLC Systems, Telemetry Systems, PLC-DCS Systems Integration, Field Instrumentation, Tank Gauging Systems, Lube oil blending controls, ESD systems, and Fire and Gas Detection Systems.

Products, systems and solutions are our key arms, Our package solutions vertical is solutions focused and offers our customers state-of-the art tailor-made systems packages. Last but not least our Life-Cycle-Management vertical provides solutions to increase the value of your asset by an automated roadmap leading to either refresh or complete migration. LCM effectively extends the equipment life while providing a cost-effective path forward to the latest technology and functionality of advanced control. Through strategic partnerships with key international brands, GCG Engineering Services has established an unmatched reputation for meeting its clients' requirements, through premium quality standards, excellent after-sales service and superior technical support.

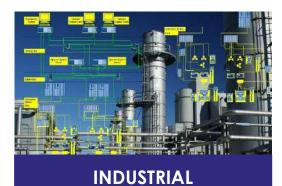






GCG CORE COMPETENCY





AUTOMATION

- PLC/ DCS, ICSS, RTU/ SCADA, Instrumentation
- Safety (ESD & FGS)
 Systems (SIL-2 and SIL-3)
- Brownfield Upgrades, Extensions, Migrations
- PLC/HMI for auxiliary systems (upgrade/expansion



DIGITALIZATION

- Shift Logs
- Anomaly Detection
- Dashboards & Report
- Operation Digital Twin (ODT)
- Advanced Analytics
- Alarms Management
- Off The Shelf Connectors
- ETL
- Big Data Historian
- Data Lake



LIFE CYCLE MANAGEMENT

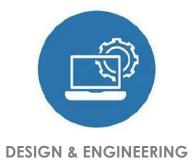
- Long Term Service Agreements
- Maintenance and Operation Support
- On call services
- Services for Products, Systems and Solutions



- Process Skid Solutions including Metering, Analyzer House, Loading / Unloading
- Flare monitoring Solutions
- High Integrity Pressure Protection Systems (HIPPS)
- Package solutions; ITR, ETR
- Innovative I&C Solutions with OPEX benefits

GCG ENGINEERING SERVICES















SUPPORT

MAINTENANCE & UPGRADE

TRAINING







INSTALLATION COMMISSIONING

SERVICE

E&I EPC SERVICES



E&I EPC established in 2002, with headquarters in Abu Dhabi, has a dedicated team for providing turnkey solutions in E&I work and is actively engaged in Conceptual Design, Feasibility Study, Front End Engineering & Design (FEED), Engineering, Procurement, Construction and Commissioning (EPCC) of Process, Mechanical, Piping, Electrical, Instrumentation, Control, Automation and Telecom Systems with a highly successful track record.

Our in-house multifaceted E&I team is well versed and has carved a niche for us in the oil and gas sector. Our internal systems and processes are designed to let the different disciplines act as a highly efficient team, which allows our project managers and engineers to be as flexible as possible and respond on our customers needs.

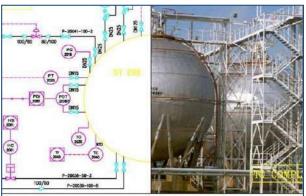
E&I EPC provides performance-driven solutions from concept to commissioning across a broad range of industrial sectors including upstream, midstream and downstream oil & gas, Power and Utility, energy, nuclear, and general industrial sectors.

We also provide Technical secondment services for skilled project personnel, and specialized engineers. We achieve this in partnership with a proprietary data base with more than 10.000 specialist and a permanent base of 350 dedicated in-house resources to assist your projects.

The rich heritage of our owners makes us a respected presence in the region, combining our valued added partners together with our technical and local knowledge we have created a unique value proposition.







E&I CORE COMPETENCY





ELECTRICAL & POWER SYSTEMS

- Cabling works (LV/MV/HV)
- Power installations
- Lighting systems
- Earthing works
- Lightning protection
- LV/ MV Substation works
- Electrical works in process and non-process areas



CONTROL & INSTRUMENTATION

- DCS and SCADA
- PLC based systems
- Field instrumentation work
- Emergency Shutdown Syst.
- Fire & Gas Systems
- Cabling works
- Calibration
- Loop Checking



TELECOMMUNICATIONS & LOW CURRENT

- Fiber optic installations
- SMATV/CCTV systems
- Telephone systems
- Structured cabling
- Telemetry systems
- PA/GA system
- Access Control Systems



- Electrical works
- HVAC

E&I SERVICES





DESIGN & ENGINEERING



TESTING & COMMISSIONING



START-UP



PROCUREMENT



MAINTENANCE & UPGRADE



SHUTDOWN



CONSTRUCTION & INSTALLATION



TURNKEY PROJECTS



HOT CHANGEOVER

GCG TRADING SERVICES



GCG Trading Established in 1982 as part of GCG Engineering Services is one of the market leading regional partners to the energy industry. Together with our OEM partners and joint ventures we provide technical excellence and global expertise across the Middle East with a high in-country value.

As a company of the Ghobash Energy Group, GCG Trading is closely fied to the group's other business lines and is consequently benefiting from the expertise in these sister companies through knowledge transfer and project coordination.

We have a dedicated and experienced technical sales and logistics team to accomplish together with our OEM partners and Joint Ventures our mission. Our association with the international suppliers and manufacturers, the Logistics team within the region in combination with our capabilities across our business verticals provides us with a unique value proposition for both, our partners and our customers.





TECHNOLOGY



PARTNERSHIP





MARKET SHARE



GCG TRADING COMPETENCY





ELECTRICAL

- Electrical power cable
- Cable glands, fittings, trays
- Cathodic protection
- LV/MV/HV Switch gear.
- Control panels
- Conductors, transformers
- Isolators
- Electrical bulk materials
- Etc.



INSTRUMENTATION

- Field Instruments
- Metering
- In Line Analyzers
- Gas and flame detectors
- Protection Systems
- ESD Systems
- Pressure gauges
- Etc.



MECHANICAL

- Skid Mounted packages
- Pipe, tubes, fittings
- Valves (gate, ball, etc.)
- Severe Service Valves
- Pig Launcher and Receivers
- HIPPS
- Steam turbines, vessels
- Flares
- Etc.



- Drilling Chemicals
- Production Chemicals
- Treatment Chemicals
- Water injection Chemicals
- Lubricants
- Etc.

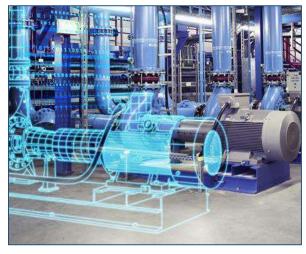
GCG MECHANICAL



GCG Rotating Equipment, established in 2020 as a direct result to satisfy the requirements of our customers we integrated a mechanical engineering branch to our service portfolio. From every stage of the project our service team operates regional, leveraging mechanical experience, knowledge and project management skills gained over decades of project executions.

We represent international worldwide leading suppliers and manufacturers specializing in steam turbines, gas turbines, compressors and pumps in line with API codes and offer extended integrated local aftersales support in combination with our instrumentation and control expertise.

Our Rotating Equipment Division with the support of leading principals provides integrated solutions, engineering support, supply & maintenance of equipment, retrofit solutions for the oil & gas, utility and power generation industries. We are active in the maintenance requirements for power plants, petrochemical complexes, refineries, crude oil sludge treatment plants, and offshore oil & gas facilities.





ENGINEERING SUPPORT



PROCUREMENT & SUPPLY



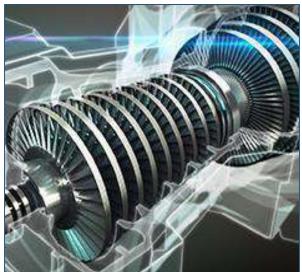
INSTALLATION



COMMISSIONING & START-UP

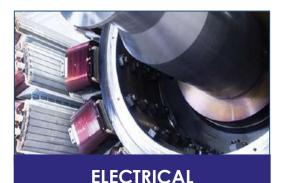


MAINTENANCE & SERVICE



MECH. CORE COMPETENCY





MOTORS & DRIVES

- Motors and drives
- Low voltage motors

Control systems



- Control systems
- Steam Turbines
- Gas turbines
- Rotor & Component repairs
- Compressors
- Retrofit services
- Balancing services



- Skid Mounted packages
- Chemical injection skids



- Maintenance Services
- Inspection and analysis
- Lifetime assessments
- Retrofit Services
- Remote monitoring
- Troubleshooting
- 24/7 support

GCG IRAQ



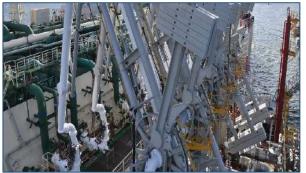
Working in Iraq for more than 16 years, GCG Iraq established itself as a trustworthy engineering and solutions supplier for the oil & gas market. With offices in Baghdad and Erbil, we offer a wide range of products and services supported by our head office in Abu Dhabi.

Our mission is to lead the way in customer care and satisfaction, and we strive to provide tailored services and act as the local knowledge and solution hub. We are in this for the long haul; we aim to be your supplier of choice – in fact your one-stop-shop.

Proper Installation and commissioning of your project is essential. Because time, human resources and specific skills become a critical factor when a project is nearing compilation, utilizing GCG Iraq' service team bring important benefits. Our expert technicians will ensure that your project execution is commissioned properly. Even after finishing the project, we are always locally present to support you during the entire project life cycle.

Our main service focus is towards the oil & gas Industry in Iraq.











PROCUREMENT & SUPPLY



INSTALLATION



COMMISSIONING & START-UP



MAINTENANCE & SERVICE



IRAQ CORE COMPETENCY





ENGINEERING SERVICES

- Industrial Automation
- Digitalization
- Life Cycle Management
- Package Solutions



E&I EPC SERVICES

- Electrical & Power Systems
- Control & Instrumentation
- Telecommunication
- Low Current
- Electro-Mechanical Works



MECHANICAL SERVICES

- Electrical & Power Systems
- Control & Instrumentation
- Telecommunication
- Low Current
- Electro-Mechanical Works

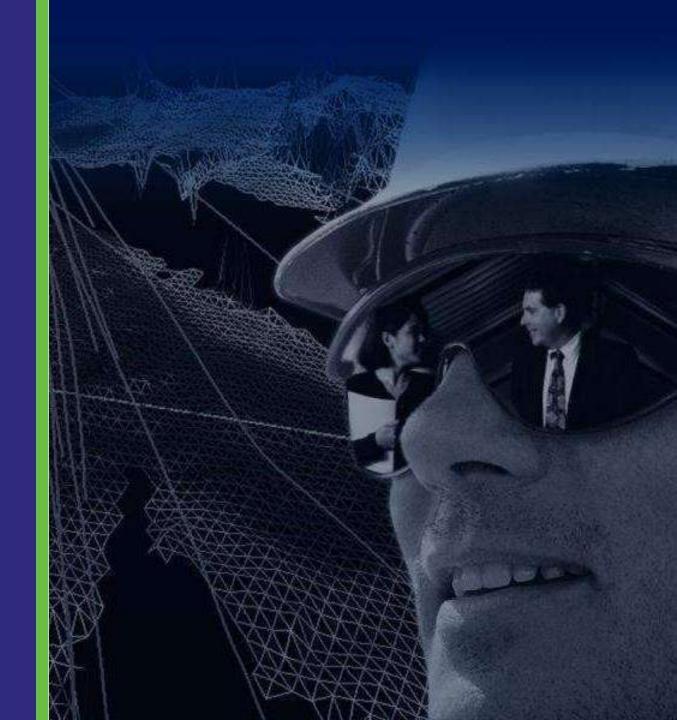


- Electrical
- Instrumentation
- Mechanical
- Petrochemical

PROJECT REFERENCES

KEY REFERENCES ONLY





UPSTREAM - OIL & GAS SECTOR

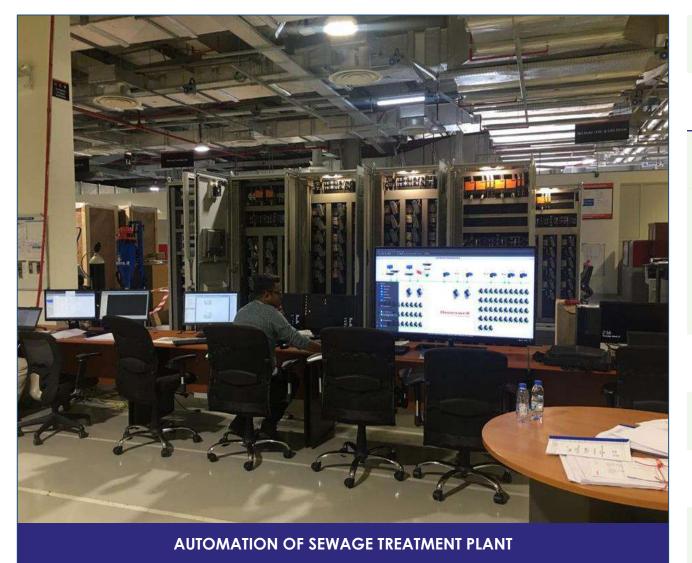




LOCATION	United Arab Emirates
PROJECT	High Integrity Pressure Protection Systems
SITE	ADNOC - Rumaitha & Shanayel Restoration
SERVICES	Design and Detailed Engineering Project IManagement Supply Chain Management Manufacturing & Fabrication Installation & Commissioning
CONTRACT VALUE	approx. 1.0 mill. US
CLIENT	Petrojet, UAE
REALIZATION	2020
BUSINESS UNIT	GCG – ENGINEERING SERVICES

SEWAGE TREATMENT PLANT - WATER SECTOR





LOCATION	United Arab Emirates
PROJECT	Turnkey Automation Solution for Sewage Treatment Plant
SITE	Turnkey Automation Solution for Sewage Treatment Plant
SERVICES	Design and Detailed Engineering Project Management, Supply Chain Management Manufacturing & Fabrication Installation & Commissioning
CONTRACT VALUE	approx. 0.5 mill. US
CLIENT	Veolia, UAE
REALIZATION	2019
BUSINESS UNIT	GCG – ENGINEERING SERVICES

TERMINAL - OIL & GAS SECTOR





LOCATION	United Arab Emirates
PROJECT	Jetty Loading Metering Skids
SITE	Kenya Pipeline Company Ltd
SERVICES	Design and Detailed Engineering Project Management Supply Chain Management Manufacturing & Fabrication Installation & Commissioning
CONTRACT VALUE	approx. 1.5 mill. US
CLIENT	Consilium Middle East
REALIZATION	2018
BUSINESS UNIT	GCG – ENGINEERING SERVICES

TERMINAL - OIL & GAS SECTOR





LOCATION	United Arab Emirates
PROJECT	Jebel Ali Depot & ENOC/EPPCO Pump Station
SITE	Jebel Ali
SERVICES	Design and Detailed Engineering Project Management Supply Chain Management Manufacturing & Fabrication Installation & Commissioning
CONTRACT VALUE	approx. 6.5 mill. US
CLIENT	EPPCO Distribution
REALIZATION	2017
BUSINESS UNIT	GCG – ENGINEERING SERVICES

SCADA – PERSONNEL CARE SECTOR





LOCATION	United Arab Emirates
PROJECT	PLC / SCADA System of LPG Storage Tanks
SITE	Unilever
SERVICES	Design and Detailed Engineering Project Management Supply Chain Management & Manufacturing Cable routing, Cabling & Power distribution Installation & Commissioning
CONTRACT VALUE	approx. 2.3 mill. US
CLIENT	Cylingas
REALIZATION	2016
BUSINESS UNIT	GCG – ENGINEERING SERVICES

TERMINAL – OIL & GAS SECTOR





LOCATION	United Arab Emirates
PROJECT	Terminal Management System
SITE	
SERVICES	Design and Detailed Engineering Project Management Supply Chain Management & Manufacturing Fabrication & Cabling Installation & Commissioning
CONTRACT VALUE	approx. 1.7 mill. US
CLIENT	Cylingas
REALIZATION	2012
BUSINESS UNIT	GCG – ENGINEERING SERVICES

FIRE & GAS - OIL & GAS SECTOR





LOCATION	United Arab Emirates
PROJECT	Maintenance works
SITE	Offshore – Das Island
SERVICES	4 years maintenance contract Fire & Gas maintenance works Lighting maintenance works > 100 permanent technicians on Das Island
CONTRACT VALUE	approx. 7.2 mill. US
CLIENT	ADNOC LNG
REALIZATION	2018 - 22
BUSINESS UNIT	EE&I

WELL HOOKUP - OIL & GAS SECTOR

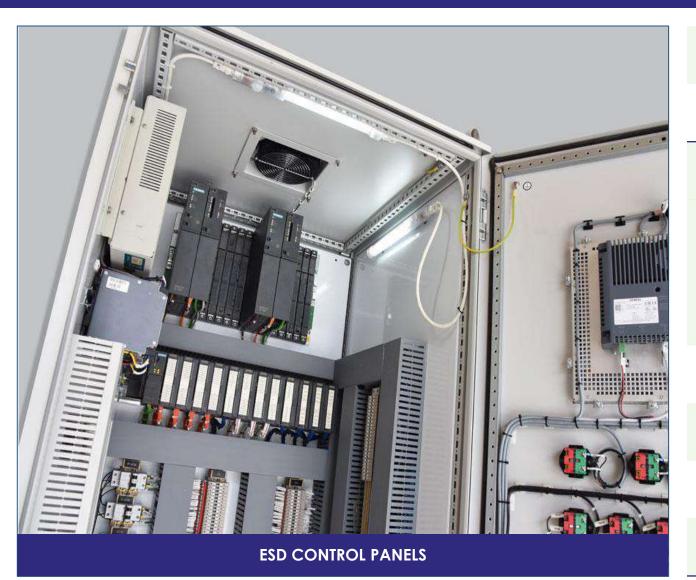




LOCATION	United Arab Emirates
PROJECT	Well Hook up Injector and Production wells
SITE	Offshore Platforms & Islands
SERVICES	Instrumentation and control cables Tube leak test & NAS6 Cleaning of Tubes Cable tray & Cabling / Calibration Insulation and continuity testing Loop Checking and Commissioning
CONTRACT VALUE	approx. 4.97 mill. US
CLIENT	ADNOC Offshore
REALIZATION	2019 -2020
BUSINESS UNIT	EE&I

CONTROL SYSTEMS





LOCATION	United Arab Emirates
PROJECT	TARCO Control System Replacement
SITE	Buhasa
SERVICES	Electrical, Instrumentation & Civil works for two Rolls Royce Avon Gas Turbine Compressors control system change over from TARCO to GE Mk VIe & VIs and interface to Honeywell DCS.
CONTRACT VALUE	approx. 3.5 mill. US
CLIENT	ADNOC Gas Processing
REALIZATION	2014-15
BUSINESS UNIT	EE&I

SUBSTATION - OIL & GAS SECTOR





LOCATION	United Arab Emirates
PROJECT	Installation of Containerized Substation
SITE	Offshore Island Airport – Zirku Island
SERVICES	MV and LV Switchgear, Transformer, UPS HVAC Units, and Inergen System Supply, installation and termination of LV/MV Power Cables, control, instrumentation and earth cables and civil works
CONTRACT VALUE	approx. 2.6 mill. US
CLIENT	ADNOC Offshore
REALIZATION	2018
BUSINESS UNIT	EE&I

TURBINE REVAMP – OIL & GAS SECTOR





LOCATION	United Arab Emirates
PROJECT	Installation & Retrofitting Works
SITE	Offshore – Zakum Platforms
SERVICES	Electrical and instrumentation installation works for major retrofit project LV Switchgear revamp HV cable installation (11KV – 22KV) Supply of bulk materials and cables
CONTRACT VALUE	approx. 2.86 mill. US
CLIENT	Dresser Rand / ADNOC Offshore
REALIZATION	2013 - 17
BUSINESS UNIT	EE&I

NITROGEN COMPRESSORS - OIL & GAS SECTOR





LOCATION	United Arab Emirates
PROJECT	Instrumentation revamp
SITE	Habshan
SERVICES	Upgrade of control and monitoring system Field instrumentation, valves, control systems upgrade and cabling works, civil works Change over of control system at shutdown Modification on ABB DCB, Yokogawa Compr.
CONTRACT VALUE	approx. 5.91 mill. US
CLIENT	ADNOC Gas Processing
REALIZATION	2013 - 16
BUSINESS UNIT	EE&I

LOADING ARMS - OIL & GAS SECTOR





LOCATION	Iraq (South)
PROJECT	Installation of Marine Loading Arms
SITE	South Oil Company Complex
SERVICES	Detailed Engineering Project Management Supply Chain Management Installation & Commissioning Service and Maintenance
CONTRACT VALUE	approx. 12.0 mill. US
CLIENT	Basra Oil Company (BOC)
REALIZATION	2018
BUSINESS UNIT	GCG-Engineering Services Iraq

KEY REFERENCES



Schlumberger



























































THANK YOU

