

# Company Profile



MODERNGAS ITALY BGB



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Egitto: +201025462328



CITTADELLA DELLA RICERCA S.S. 7Km 1.300 INTERNO BLOCCO 3. 72100 BRINDISI (BR)



www.moderngasbgb.com



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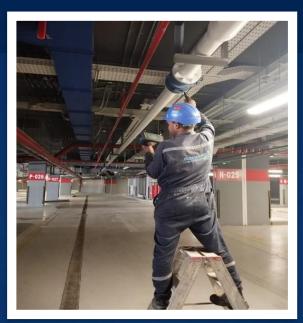


## ABOUT Moderngas Italy – BGB.

The Moderngas Italy – BGB, is a company (Ltd.) that was founded in 2024 and is the result of a merger between Modern Gas (Egypt) and BGB (Italy). The company stands out for its expertise in the construction of natural gas networks and systems, as well as the development of pressure reduction stations.

The company also has the capability to provide specialized technicians to meet the needs of the Italian market in the energy sector, particularly in natural gas.







## Modern Gas SHAREHOLDERS

**Modern Gas was incorporated on** 5/7/2021 as an Egyptian joint stock petroleum company, after the merger of Cairo Gas, Regas and Sinai Gas on purpose of implementing natural gas projects such as establishing, managing and operating natural gas pressure reduction stations and installations as well as preparing natural gas for distribution to customers and receiving natural gas from the work sites and delivering it to industrial, commercial and domestic customers.

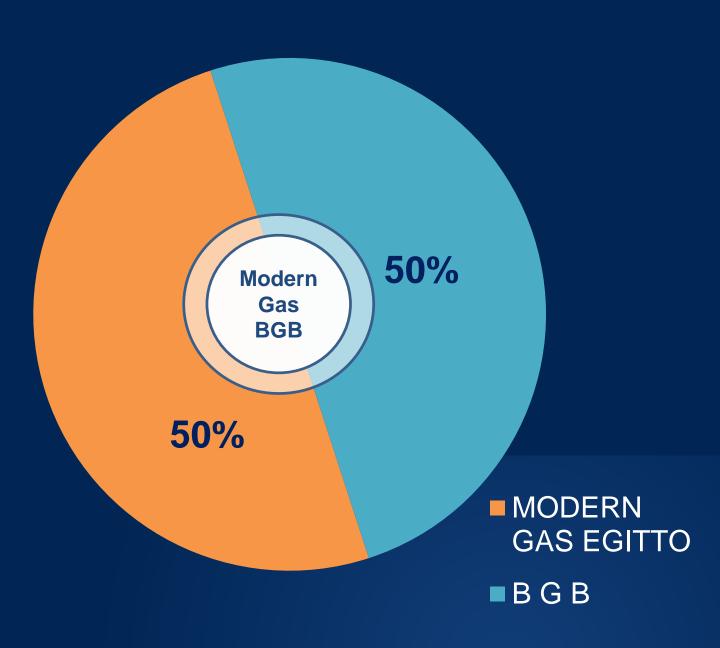


BGB has extensive experience in the field of procurement and oil services in the Italian and European markets





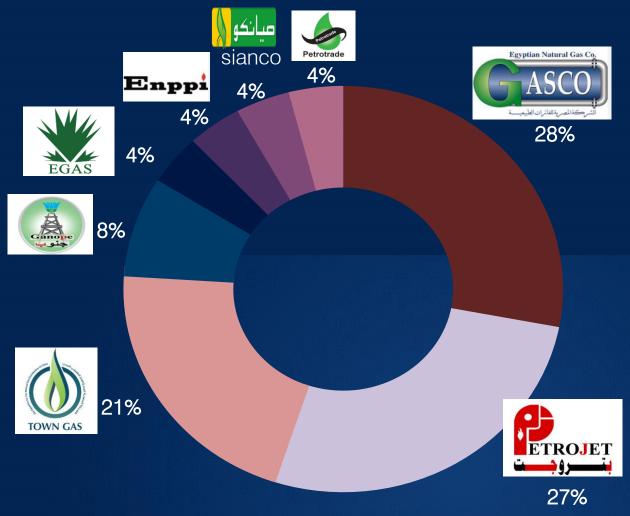
### **SHAREHOLDERS**





## Modern Gas SHAREHOLDERS





**Modern Gas Egypt Shareholders** 



### **VISION STATEMENT**

To Provide innovative Construction Solutions in energy and Petroleum Sector.

### **VISION**

### **MISSION STATEMENT**

Our mission is to provide Latest Energy solutions in additionally delivering a comprehensive portfolio including MEP, LPG, Natural Gas, and Medical gases, becoming Leading player in the energy sector.

### **MISSION**



### **OBJECTIVE**

To maximize our role at a global level in the energy sectors especially natural gas and to meet the needs of the Italian market.

**OBJECTIVE** 

### **VALUES**

1-Customer-Centricity: Our Clients Are At The Heart Of Everything We Do. We Prioritize Their Needs And Work Tirelessly To Exceed Their Expectations.

2- Safety: We Adhere To The Strictest Safety
Protocols To Protect Our Employees, Clients,
And The Communities We Serve.
3-Sustainability: We Are Dedicated To
Sustainable Practices That Minimize Our
Environmental Impact And Contribute To The

Long-term Well-being Of Society.

**VALUES** 



## The Business Register LICENSE



### Camera di Commercio Industria Artigianato e Agricoltura di BOLOGNA

Registro Imprese - Archivio ufficiale della CCIAA

In questa pagina e nei riquadri riassuntivi posti all'inizio di ciascun paragrafo, viene esposto un estratto delle informazioni presenti in visura che non può essere considerato esaustivo, ma che ha puramente uno scopo di sintesi

#### VISURA ORDINARIA SOCIETA' DI CAPITALE

#### MODERN GAS ITALY.BGB S.R.L.



#### HL5K66

documento e quello archivisto al momento dell'estrazione. Per la Verifica utilizzare l'App Ril OR Code o visitare il alto utiliciale del Pecalitro Imprese.

#### DATI ANAGRAFICI Indirizzo Sede legale

Domicilio digitale/PEC

Numero REA Codice fiscale e n.iscr. al 04211151206 Registro Imprese

Partita IVA

Forma giuridica Data atto di costituzione

Data iscrizione Data ultimo protocollo

Presidente Consiglio Amministrazione

### BOLOGNA (BO) VIA MARZABOTTO 10 CAP 40133

moderngasitaly.bgb@pec.buffet

BO - 576745

04211151206 societa' a responsabilita' limitata

10/05/2024 14/05/2024

24/02/2025

impresa in fase di aggiornamento KANDIL MOHAMED HASSAN HAFEZ AHME

Rappresentante dell'Impresa

#### ATTIVITA'

Stato attività Data inizio attività Attività prevalente

26/09/2024

attiva

costruzione di impianti e di reti di distribuzione di gas e acqua

Codice ATECO 42.21 Codice NACE 42 21 Attività import export

Contratto di rete Albi ruoli e licenze Albi e registri ambientali

#### L'IMPRESA IN CIFRE Capitale sociale

200.000,00 sottoscritto Soci e titolari di diritti su 2 Amministratori Titolari di cariche Sindaci, organi di 0

Unità locali Pratiche inviate Protocolli aperti Trasferimenti di quote Trasferimenti di sede O

DOCUMENTI CONSULTABILI

Partecipazioni (1)

Bilanci Fascicolo sì sì Statuto Altri atti 2

#### CERTIFICAZIONE D'IMPRESA

Attestazioni SOA Certificazioni di QUALITA'

(1) Indica se l'impresa detiene partecipazioni in altre società, desunte da elenchi soci o trasferimenti di quote



## **LICENSE**

,			Copia per il contribuente
Senzia (			
CER	TIFICATO DI ATTRIBU	IZIONE DEL CODICE FISCALE	
CODICE FISCALE	NATURA GIURIDICA		
91465340379		RESPONSABILITA' LIMITATA	
DENOMINAZIONE MODERN GAS CON	IPANY	<b>N</b>	
352200 - DISTRIBUZIONE DI	COMBUSTIBILI GASSO	SI MEDIANTE CONDOTTE	
332200 - DIG TRIBOZIOTE DI	SOME SOLIDIES CAGGO	STREET THE STREET	
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CAP. COMUNE			PROV.
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## **ISO EGYPT** Certificate

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PELINCT

EGISTER

82

RUSSIAN

### CERTIFICATE

This is to certify that the Quality Management System of

80, Makram Ebaid St., Nasr City, Cairo, Egypt

has been assessed and found to be in accordance with the requirements of

ISO 9001:2015

in respect of implementation of nature gas projects such as establishing, managing, maintaining and operating natural gas distribution networks and pressure reduction stations to prepare natural gas for distribution networks and pressure reduction stations to prepare natural gas for distribution to electrical stations, industrial, commercial and domestic customers, besides being a commercial agent of the companies supplying machinery, equipment, materials, spare parts and all natural gas related products utilized in natural gas projects in Egypt

No: 21.2490.026

of 28th December, 2021

Management system certified since 2018

This certificate is valid until 31st December, 2024









CM-CTEMA CEPT11<PMKAU-MV1PYCCKoro PEI'MCTPA USSJAN REGISTER CERTIFICATION SYSTEM



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#### CERTIFICATE

This is to certify that the Environmental Management System of

Modern Gas

has been assessed and found to be in accordance with the requirements of

ISO 14001:2015

in respect of implementation of nature gas projects such as establishing, managing, maintaining and operating natural gas distribution networks and pressure reduction scations to prepare natural gas for distribution to electrical stations, industrial, commercial and domestic customers, besides being a commercial agent of the companies supplying machinery, equipment, materials, spare parts and all natural gas related products utilized in natural gas projects in Egypt

21.2491.026

of 28th December, 2021

This certificate is valid until 31st December, 2024

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REGISTE

### CERTIFICATE

This is to certify that the Occupational Health and Safety Management System of

Modern Gas

has been assessed and found to be in accordance with the requirements of

ISO 45001:2018

in respect of implementation of nature gas projects such as establishing, managing, maintaining and operating natural gas estribution networks and pressure reduction stations to prepare natural gas for distribution to electrical stations, industrial, commercial and domestic customers, besides being a commercial agent of the companies supplying machinery, equipment, materials, spare parts and all natural gas related products utilized in natural gas projects in Egypt

No: 21.2492.026 of 28th December, 2021

This certificate is valid until 31" December, 2024











## **ISO KSA** Certificate

### MANAGEMENT SYSTEM CERTIFICATE Modern Egyptian Company For Natural Gas Al-Itgan Square, 8150 El-Madina Road, 4855 Al- Ruwais Dist., 23215 Jeddah, Saudi Arabia

ISO 14001:2015

Environmental Management System
This certificate is valid for the following Services

Establishing, Managing, Maintaining and Operating Natural Gas Distribution Networks, Pressure Reduction Stations, NG for Electrical Stations, Industrial, Commercial, and Domestic Customers. Supplying Machinery, Equipment, Materials, Spare Parts and all NG Related Products, Medical Gas, LPG, MEP, CR, Facility Management, Construction and Contraction

Certificate No.: QSCIPL-KSA/MEC-E3359

Second Surveillance Date: 06.07.2026 Re-Certification due on: 06.07.2027

Expiry Date: 05.08.2025



Registration

 $^{\circ}$ 

ertificate







## of Registration Certificate



#### MANAGEMENT SYSTEM CERTIFICATE

This is to certify that the Management System of the

#### Modern Egyptian Company For Natural Gas

Al-Itqan Square, 8150 El-Madina Road, 4855 Al- Ruwais Dist., 23215 Jeddah, Saudi Arabia

ISO 9001:2015
Quality Management System
This certificate is valid for the following Services

Establishing, Managing, Maintaining and Operating Natural Gas Ibution Networks, Pressure Reduction Stations, NG for Electrical Stations al, Commercial, and Domestic Customers. Supplying Machinery, Equipm tenials, Spare Parts and all NG Related Products. Medical Gas, LPG, MEP, CNG, Facility Management, Construction and Contracting











## SISTEMA

#### MANAGEMENT SYSTEM CERTIFICATE

Modern Egyptian Company For Natural Gas

Al-Itqan Square, 8150 El-Madina Road, 4855 Al- Ruwais Dist., 23215 Jeddah, Saudi Arabia

ISO 45001:2018

Occupational Health & Safety Management System
This certificate is valid for the following Services

Establishing, Managing, Maintaining and Operating Natural Gas Distribution Networks, Pressure Reduction Stations, No for Electrical Stations, Industrial, Commercial, and Domestic Customers. Supplying Machinery, Equipme Materials, Spare Parts and all NG Related Products. Medical Gas, LPG, MEP, CNG, Facility Management, Construction and Contraction















## ISO AEU Certificate





24-04-2024

24-04-2024

Certificate Expiry

Recertification Due





## Our Company SCOPE OF WORK

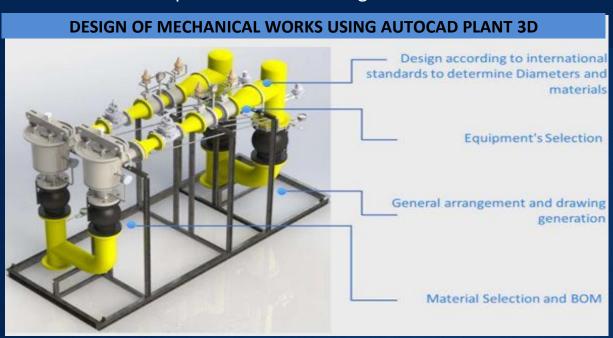
- Natural gas distribution networks
- Engineering services
- Pressure reduction systems (natural gas)
- Pipe work
- Engineering & design
- Construction
- On-site activities
- Station operation
- Technical support
- Maintenance
- Consulting
- Construction projects
- Instrumentation control



### **ENGINEERING SERVICES**

## Gas Pressure Reduction Systems and Piping Engineering:

- Conceptual design
- Plot plans & equipment location plans
- Piping general arrangement drawings for the above ground piping Tower, vessel, tank, etc....
- Orientation drawings Isometrics for all lines
- -Stress analysis reports for critical lines using the Caesar 11 program & pipe support design
- Piping material specification, supply specification for packages
- MRQs and MRPs preparation Bulk material quantifying
- Underground piping design for all U/G piping systems
- Updating of drawings and 30 CADD model to "AS- BUILT" status
- Field assistance for construction and start-up
- Detailed & block plastic model building





# EPC Projects (Engineering - ProcurementConstruction)

### **Our Working Areas**

**EGYPT** 

We are working in **EGYPT** under **EGAS** umbrella



**UAE** 

We are working in **UAE** AS **ADNOC** PREQUALIFIED CONTRATOR



**KSA** 

We are working in KSA as a pre-qualified contractor with Saudi Ministry of Energy

**ITALY** 



## KSA Projects

### UMM AL QURA FOR DEVELOPMENT & CONSTRUCTION MASAR destination









### **Technical Submittal**

Section A - This section shall be filled-in by the Contractor's Representative.											
Discipline:   Earth works Roads   Structural   Architectural   Services   Electrical   Mechanical   Landscaping   Others:					g 🛮 Others:						
Contractor's Name: Vision Construction (VCC CO)					MIR Re	ef. No	).:	MASARTBS-VCC-TS-MEC-000001			
Project Name: MASAR-Temporary Bus Station at JODC & Pedestrian Bridge					SPEC Ref:						
Sub-Con N	lame:	Modern E	gyptian	Natural Gas Con	npany	Precedin	g Req	uest:			
BoQ Refer	ence Item No:										January 6, 2025
Notificatio	n of Works:	Techn	ical Su	bmittal							
Date:	2/6/2024	Tin	ne:	09:00	Trac	le:				Zone:	
Location:	bus station area and pedsterian bridge area	Location	Details:	s: Zone - 07 Lay		ayer No					
Technical Submittal for:  GUIDE SUPPORT FOR PIPE DI750MM as per submitted sample and attached drawings  Approval has been attached for reference											
Attachment:   Material Submittal Ref. No.:											
□Drawing/	Sketch No.:			□Photo	os.			⊡⊙th	ers:	_	
We certify that the works have been executed in accordance with the Contracts. The works were subjected to the QC inspection and have been coordinated with future works of other trades.											
Requested b	y: isla	am fawzi	Da	te:02/06/2024	Signature:				Position: Sen	ior Mechanica	al Engineer







## MASAR PROJECT DC NETWORK AND COOLING SUPPLY

TRANSMIT	TAL of	moderniers.	VI VISI	ON	S	t sai	udi breed
Transmittal no.:	ST.CHW.NW.PL-VCC	C-MAT-MEC-000004	DATE:	January	30, 2025		
Transmittal Title:		r-pre Insulated pipes and fittings-		Zane:	x	CMI	Structure
o: Eng. Jan Project M Saudi Ta	odin Ansari lanager breed		Trans	Dr. S	Arch x Gen  awing pecs terial S.		
THO STEAT		DIV/PACKAGE		OWNER	_ Mo	renal S.	Others
Supply	C Network and Cooling	Chilled water network pip from JODC CHW Network tie-In point Network tie-In point	to MASAR CHW	Saudi 1	abreed		ion
	OCUMENT / DRAWING	DESCRIPTION		REVISION	TYPE (I)	PURPOSE (II)	ACTION (III)
1 ST.CHW. 000004	NW.PL-VCC-MAT-MEC-	Material submittal for-pre Insulated p Modern Egyptian Natural Gas Comp		00	MAT	A	
ATE:	January 30, 2	Projects	20 January 2025				2025
The pre-	insulated pipe al Company ha	s supplied by Modern over been approved as standard delivery concerns.	Gas and t substitutes	hose r s for th	nanufa e prev	actured briously a	by Tyne Gu pproved
Concum	ed 🗆 Not Cond	eurred					

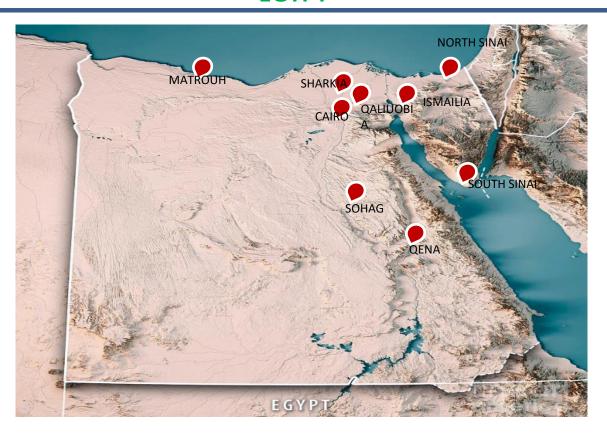






## **EGYPT**

## Concession Areas from EGAS "THE ATHOURITY IN" EGYPT



CONCESSION AREAS
9

**TARGETED CLIENTS**1.6 Million





### **Madinaty – New Cairo**

### **Modern Egyptian Natural Gas Company**

Successfully has finished implementing the PE distribution networks in Madinaty for the Domestic and Commercial Sectors.

- Major Underground Networks Within The City In Residential Areas, Villas And Commercial Areas with more than 400 km of underground PE pipes.
- Gas in Building for more than 45000 client.

### 300.000.000 EGP CONTRACTS VALUE





### **NOOR SMART CITY**

### **Modern Egyptian Natural Gas Company**

Successfully Secured A Deal With The Biggest Arab Firm Specializing In Urban Investment, The Largest Smart, Green, And Environmentally Friendly City In Egypt

### **FIELD OF COMPANY**

- Major Underground Networks Within The City In Residential Areas, Villas And Commercial Areas
- Underground Networks Feeding The City

### 875.000.000 EGP CONTRACTS VALUE





## New Administrative Capital

The Modern Egyptian Natural Gas Company
Has implemented the underground networks and
main feeds in the New Administrative Capital as
well as the government district area.





# Some of our work in New Administrative Capital

Some of our work in New Administrative Capital

**Green River** 

Administrative control building

People's Square

Senate building

**Parliament building** 

**Central air conditioning station** 

Governmental facilities in the government district

Administration and operation building

Value: 88 Million EGP







## NEW ALAMEEN

## Some of our work in NEW ALAMEEN

**Al-masa Towers** 

The iconic tower

**Beach towers area** 

**Entertainment area** 

**Tulip Hotel** 

Misr Downtown Residence

**Downtown buildings** 

Residences for armed forces officers

**Latin Quarter** 







### **EXAMPLES OF OUR PROJECTS**













### **ADMINISTRATIVE CONTROL BUILDING**



### **GOVERNMENT DISTRICT**



### **GREEN RIVER**





### **HOTELS**

The Modern Egyptian Natural Gas
Company Delivered Natural Gas To 116 Hotels
In Sharm El Sheikh









**Total Sharm El Sheikh Hotel Value Project:** 

**220.000.000** EGP





## GOVERNMENTAL PROJECTS

The presidential initiative "Haya karima" The national project launched by the president aims to enhance the living standards and quality of life for citizens in rural Egypt. Key focus areas of the initiative include providing better housing options and improving infrastructure.











## GOVERNMENTAL PROJECTS

**National And Governmental Project:** 

Project	Hayah karima (decent life initiative )				
City	All Egyptian Governments				
Client	Ministry Of Planning				
Villages	197				
Customer	67949				
Value	375.000.000				
Project	Subsidized Local Bakeries				
City	All Egyptian Governments				
Client	Ministry Of Supply & Internal Trading				
Phase 1	No. of Subsidized bakeries 1174				
Phase 2	No. of subsidized bakeries 432				
Value	23.000.000				

**Total Value National And Governmental Project:** 

**398.000.000** EGP



## GOVERNMENTAL PROJECTS

**National And Governmental Project:** 

Project	Car Fuel Natural gas stations					
City	All Egyptian Governments					
Client	Ministry Of Petroleum					
Value	105.000.000					

**Total Value National And Governmental Project:** 

**105.000.000** EGP



### **Educational institutions Projects:**

King Salman International
University
New Sohag University
Egyptian-Russian University
South Valley University









### **Health institutions Projects:**

Ground Networks Were
Implemented By The
Modern Egyptian
Natural Gas In 4 Hospitals
In Various Governorates Of
Egypt.





### **Ministry Of Interior Project:**

Suspended Steel Works , installations and networks To Deliver Natural Gas To The Repair And Rehabilitation Centers In The City  $10^{\text{TH}}$  Of Ramadan, The New City Of Akhmim, And The City Of Badr, With A Total Length Of **902** m



3

Correction And Rehabilitation Center

279.683.579 EGY

Total value Ministry Of Interior Project

54 facilities



### **Commercial And Entertainment Centers Projects**

The Modern Egyptian Natural Gas Company
Corporation Conducted Steel Installation Works
To Deliver Natural Gas To Various installations In
The Company's Different Work Areas

10 facilities

8.139M Total length





### **INDUSTRIAL DISTRICTS**

### **QENA**

- KEFT INDUSTRIAL ZONE
- HO INDUSTRIAL ZONE

### **SOHAG**

- WEST TAHTA INDUSTRIAL ZONE
- WEST GERGA INDUSTRIAL ZONE

### **SUEZ CANAL ATHOURTY**

- ABO KHALIFA
- TECHNOLOGY VALLY INDUSTRIAL ZONE
- EAST PORTSAID

### **ISMAILIA**

STEEL CAPITAL INDUSTRIAL ZONE

TOTAL CONTRACT VALUE 897,000,000 EGP

### **Our Costumers**













### INDUSTRIAL DISTRICTS

### **CAIRO**

BADR INDUSTRIAL ZONE

### **SHARKIA**

10TH OF RAMADAN INDUSTRIAL ZONE

### **ISMAILIA**

**EAST QANTARA INDUSTRIAL ZONE** 



**Company-specific financing projects** 

### **Our Costumers**













# GAS DISTRIBUTION NETWORKS ENGINEERING

#### **Modern Egyptian Natural Gas Company**

has extensive experience in the field of implementing underground networks In the previous years.

CLIENTS: +1,887,241

**TOTAL METERS: + 13,107,000 m** 





### **UNITED ARAB EMIRATES**

#### **Modern Egyptian Natural Gas Company**

designs, supplies and implements works For example, but not limited to these areas :

( Abu Dhabi Mall, Etihad Plaza, and Jubail Island.)

6,650,000 AED CONTRACT VALUE





## JUBIL ISLAND APPROVAL





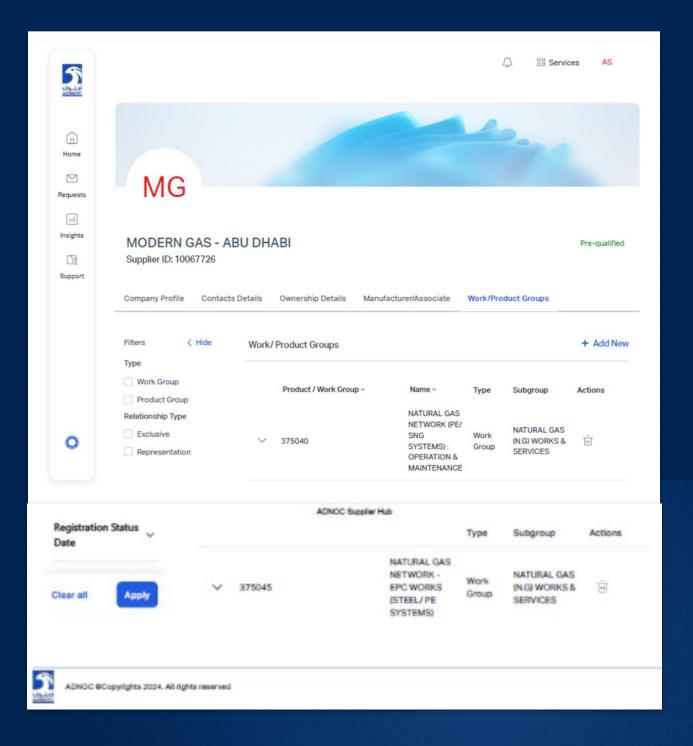




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To: Salah Reside	lssa ent Engineer, Parsons		From:	Ahmed El A Project Mar Gulf Contra	nager,	
Record Referen	ce: DTF/3CG/0020	Rev: 1	No of co	pies: 1.	Date: 05/09/2022	
Project Name:	IUBAIL ISLAND INFRASTR	UCTURE WORKS	- Package 1	C & Area G1.		
The Employer:	Jubail Island Investment	Company.	The Engi	The Engineer: M/s PARSONS INTL. LTD		
The Contractor	: Gulf Contractors LLC					
	ualification Documents for Contractor:- Mis. Modern (					
Typieri	CO Technical Data	☐Guarantee	D	ert/Scale	☐ Test Result	
(Tick Applicable)	☐Schedules/ Programmes	<b>⊠Report</b>	D	(NOC)	□ Otens	
Attachment	Cisamples	[]Drewings	100	Malague	□00%□ Others	
Purpose of Issue (Tick Applicable)	□ For Information	☐ ForFuther Adden	D	For Record	[2] For Review	
Eng. Shadi Mohi Technical Mana Gulf Contraction	ger POJ	F CONTRACTOR on 1395, Am Dead, W Al Jubell Wood		Received I PARSONS	By: International Ltd.	
The Engin	eer (Parsons)				Chim	
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Signature : Resident Engineer Paraces	67-09-207	圣子	Contractor			
Distribution:						

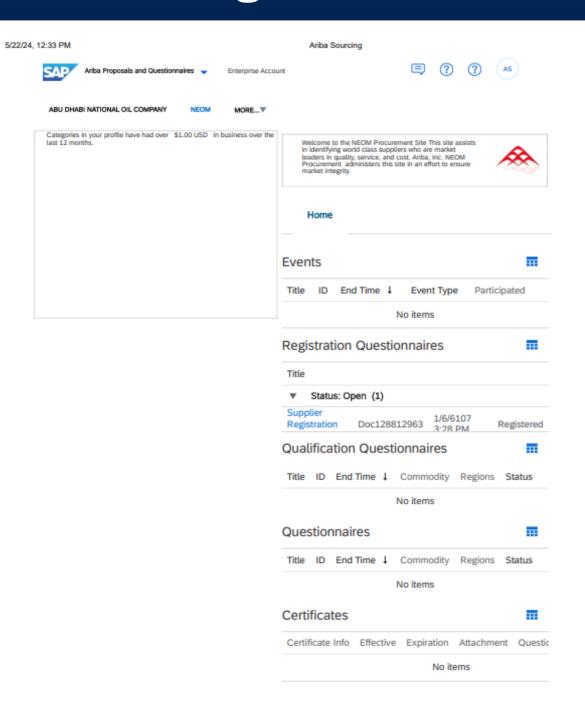


## **ADNOC APPROVAL**





## **NEOM Registration**





## **RED SEA Approval**

#### Info Moderngas KSa

From: Ariba Administrator <no-reply@smtp.mnF.ariba.com>

 Sent:
 26 • ٤:١٤ ٢-٢٤ و ٤:١٤

 To:
 Sayed Ibrahim

Subject: Approved: Supplier registration with Red Sea Global



#### Registration with Red Sea Global.

Vendor Name: Modern Egyptian Company for Natural Gas

Registered Vendor ID: S11324581

Congratulations! We are pleased to inform you that your application for vendor registration with Red Sea Global has been successfully approved.

You have been added to our database and you will be notified when the next step of onboarding is required.

We look forward to working with you and building a successful partnership.

#### Red Sea Global

You are receiving this email because your customer, Red Sea Global, has identified you as the appropriate contact for this correspondence. If you are not the correct contact, please contact Red Sea Global.

Red Sea Global

Offices | Data Policy | Contact Us | Customer Support

Powered by SAP Ariba



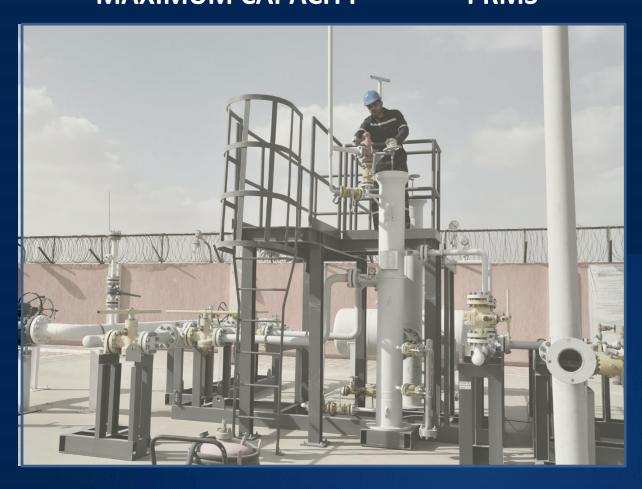
## **STATIONS**

**Modern Egyptian Natural Gas Company Has** 

A Team Of Experienced Staff That Offers A Complete And comprehensive Service In Managing and Maintaining NG PRMS's.

1.616.000 (m<sup>3</sup>)
MAXIMUM CAPACITY

45 PRMS





## PRMS







## PRMS







## **POWER STATIONS**

#### **Modern Egyptian Natural Gas Company**

performs calibration of both station meters and quantity calculations, in addition to maintenance of station valves including re-lubrication. They also provide comprehensive maintenance for the station's reduction lines and implement the maintenance plan in an organized manner such us:

North Of Giza

**SHARM EL-SHEIKH** 

AL-ARISH STEAM POWER
STATION

AL-ARISH ELEC. POWER STATION

8980 (MW) Station Capacity





## **CNG STATION**

#### **Modern Egyptian Natural Gas Company**

Supplies Natural Gas To Gas Stations And Also Sets Up Hanging Steel Structures To Provide Natural Gas To The Stations.

## 89 CNG PRS



















## LPG PROJECTS

Our Company Have The Experience And Qualifications To Process LPG Works As We Can Perform The Following Implementing Technical Studies And Designs Implementation Of Design Works Providing Safe Means Of Transportation And Delivery Providing Preventive Maintenance Of The System

PROJECT: Neom Construction Village

PROJECT: Dammam Intercontinental (IHG)









## MEDICAL GAS PROJECTS

Our team is qualified and certified, Find the below projects references from their previous work:

#### MINISTRY OF HEALTH ( MOH ) SCOPE OF WORKS CONDUCTED Maternity & Paediatric hospital 500 (1) Supervision for Medical Gas System bed. - Taif - KSA Installation. Taif Medical Tower 300 Bed Supervision for Medical Gas System Installation. East Jeddah Hospital 500 Bed Supervision for Medical Gas System 8 Installation. Maternity & Paediatric 200 Bed Supervision for Medical Gas System Hospital - Kharj - KSA Installation. Maternity & Paediatric 200 Bed Supervision for Medical Gas System Hospital - Khamis Mushait - KSA Installation. Design, Installation Supervision, Psychiatric 200 bed Hospital - Tabuk 0 testing & commissioning Design, Installation Supervision, Psychiatric 200 bed Hospital – Najran testing & commissioning Maternity & Paediatric 200 Bed Design, Installation Supervision Hospital - Tabuk Maternity & Paediatric 200 Bed Design, Installation Supervision Design, Hospital - Hail Installation Supervision 500 Bed Hail General hospital



## MEDICAL GAS PROJECTS

## ADAMA HOSPITAL- Riyadh, K.S.A. (30-Bed)

Design, supply, installation, test and commissioning of medical gas system equipment, "AMICO" Air and vacuum plant, Rigid pendant.



## MOI HOSPITAL, DAMMAM JAIL K.S.A. (30-Bed)

Installation, test and commissioning of medical gas system equipment, "CMS" Air and vacuum plant, AGSS Plant.



### ONE HUNDRED BED HOSPITALS AT DUBA & UMLOJ:

Installation, test and commissioning of complete medical gas system



### KING FAISAL SPECIALIST HOSPITAL & RESEARCH CENTER

(ANGIOGRAPHY Project) Supply, Installation, test and commissioning of medical gas system pipeline equipment.





# MEP (Mechanical, electrical and plumbing)







## **ELECTRICAL SERVICES**

- electrical design
- fabrication and installation( cable trays- ladder- rack - steel frames)
- cable laying . glancing and termination
- installation of lighting system
- erection and installation of L.V and M.V panels
- Cathodic protection syst







# INSTRUMENTATION CONTROL

- Instrumentation and control design
- Procurement
- Fabrication and instillation of perforated cable tray, steel stands
- Mechanical and pneumatic hook –up
- Instillation of junction boxes
- Junction boxes terminations
- Calibration all type of instrument (PT,FT,TT,LT Gauges control valves)
- Loop checks
- Continuity tests



#### **TRANSMITTER**









#### **CONTROL & SHUT DOWN VALVES**















## **OFFSHORE WORKS**

#### Modern Egyptian Natural Gas Company

Has Extensive Experience In The Fabrications Maintenance Revamp And Modification Of Offshore Facilities

#### **UNDERWATER ACTIVITIES**

For example but not limited to:

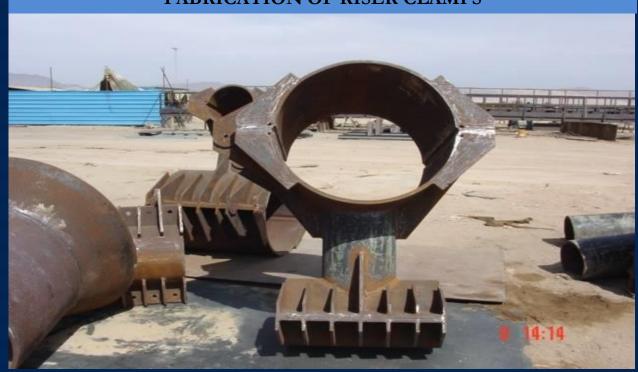
platform survey major structural inspection maintenance programs pipe line survey boot landing repair

#### **ABOVE WATER ACTIVITIES**

For example but not limited to: fabrication and installation of platform deck extensions offshore facilities, flare bridge scaffolding service painting activities



#### **FABRICATION OF RISER CLAMPS**







## **MARKETING**

Modern Egyptian Natural Gas Company became an exclusive agent of major international manufacturers of gas-related machines, such as HÜRNER Germany, which is specialized in welding machines technology.





## **RESOURCES**

Modern Egyptian Natural Gas Company hires the most talented individuals in their respective fields and employs thousands of them in over 9 governorates in Egypt in addition to the UAE. Managing human capital is essential to achieving sustainable growth; that is why we believe that retaining key employees is as critical as attracting new ones. Modern Gas currently employs more than 5,000 people with engineers and technicians comprising 77o/o of this figure. All of our employees bring together a rich variety of skills, and the company relies on them to maintain and build on the success of its business.





## Some of our Major Equipment's , Machines and Tools

Sn.	Item	Balance
1	7-bar compressor	33
2	4-bar compressor	1
3	14-bar compressor	4
4	250-mm welding machine	21
5	315-mm welding machine	42
6	355-mm welding machine	10
7	400-mm welding machine	2
8	Utility locator (Detector)	15
9	Control box	179
10	Mercury manometer, 500mbar	375
11	Generator	286
12	Barometer (measuring atmospheric pressure)	22
13	High pressure reader device (digital)	4
14	Dead weight tester for pressure measurement (mechanical)	6
15	Gas detector	51
16	Multi gas detector (Gascoseeker) measuring % LEL and % volume flammable hydrocarbons)	2
17	Vermeer Trencher	2
18	Hype (Lifting equipment)	4



# **Aviation Fuel Solution Airports**

- Modern Egyptian Natural Gas Company specializes in providing comprehensive aviation fuel solutions and excels in airport-related projects.
- With a proven track record, our company has successfully undertaken and completed various assignments in airport operations, demonstrating expertise in fuel management, infrastructure development, and maintenance within the aviation sector. Our commitment to quality and efficiency positions.





# Global Maintenance Plant shutdowns and Turnarounds

Preventive, Predictive, and Corrective Maintenance for all disciplines

Modern Egyptian Natural Gas Company s Maintenance Operations provides this service in:

- Refineries
- Petrochemicals
- Fertilizers
- Gas and oil processing plants
- Water treatment plants.
- Power plants.

Modern Egyptian Natural Gas Company Maintenance Operations provides this service in Petrochemicals for its top clients:

- ANRPC
- SIDPEC
- OPC
- FLAB
- EPPC
- E-STYRENEX
- F-Methanex
- ETHYDCO











## **REFINERIES**



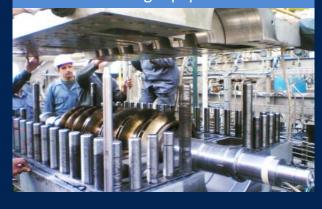
Maintenance of Hydrocracker Reactor



Maint. of Heat Exchangers



**Rotating Equipment** 



Vibration Measurement



Revamp of Hydrogen Steam Reformer
Heaters



Flange management





### **PETROCHEMICALS**











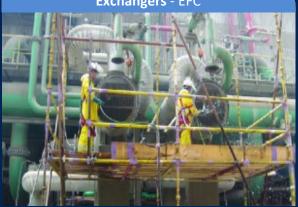




Instrumentation Calibration -Turnaround 2021



Shutdown Maintenance of Heat Exchangers - EFC



**Deaerator of boiler** – MIDOR Shutdown



**Check Level Indicator in Hazardous Area** 



Installation of Instrument Cables



**Electrical Maintenance** – Power





## Outstanding projects (Engineering, Procurement & Construction)

Modern Egyptian Natural Gas Company provides services including Engineering, procurement, fabrication, installation, testing, pre-commissioning, commissioning & start-up of process plants

Design, supply, installation, interconnecting, pre - commissioning, & startup of new suspension, polymerization reactor (PLY)

Client:

**EPC** 

VALUE: 13 Million USD





Supply and construct **Greenhouses** 

10 Spanish clusters

**47** Spanish clusters

Client:

National company for greenhouses

VALUE: 18 Million USD



**Operation and maintenance** for offshore terminals in Ain-Sukhna & Sedi-krir

Client:

**SUMED** 

**VALUE:** 

13 Million USD



# Outstanding projects: Engineering, Procurement & Construction

Installation & welding of tank at crude oil storage area (Ras Ghareb)

Client:

**PETROJET** 



Highest recovery column c4, 30 meter

Client:

**ELAB** 



Fabrication & installation of Novargi Heater

Client:

GASCO





# Some of our work in Tanks Maintenance

Project Name	Client
Tender No. TEN-SRV-EC-22-001 For The Provision of Maintenance And Repairs of Tanks and Process Vessels at all Gupco Sites .Award of Contract ( GUP-EC-23-001)	GUPCO
Major Overhaul For Crude Oil Tanks At Sidi Kerir No(11/2019)	SUMED
Completing The Rehabilation of Crude Oil and Production Tanks and Pipes Network (Third Stage)	SUEZ OIL PROCESSIG CO.
Overhauling & Maintenance Works for Different Capacities Tanks For Gharib and North Area at Eastern Desert (Tender 925-2022/2023)	GENERAL PETROLEM CO.



# Some of our work in Pipelines Maintenance

Project Name	Client
Construction of the upgrades of midwaters, facilities, the intake station, transmission pipeline and water treatment plant	MIDWATE R
Repair & rehabilitation of summed pipe line	SUMED
Onshore pipeline 36"	PMS
Rehabilitation & Renewal OF Insulation and wrapping for pipelines, heat exchangers, vessels and tanks at Oils Area (W.O no 221)	APC
Protection of Gas Pipelines which exposed for -West and East Alexandria	GASCO



## PROJECTS FOR WATER TREATMENT

#### Water Treatment main capabilities

- Desalination plants turn seawater into drinking water, but also pump hypersaline water back into the environment.
   Sewage treatment plant works by breaking down solid waste to produce a cleaner, more environmentally friendly effluent.
- Raw water entering an industrial plant often needs treatment to meet tight quality specifications to be of use in specific industrial processes.

Used in onshore and offshore developments, water injection involves drilling injection wells into a reservoir and introducing water into that reservoir to encourage oil production.

- Produced water is a term for reservoir water that is produced along with the oil and gas phase.
- Portable water purification devices are self-contained, easily transported units used to purify water from untreated sources (such as rivers, lakes, and wells) for drinking purposes.

Design, Supply, Installation, Operation Support And Implementation Of Sewage Plant In Hood Negih With Capacity Of 6000 M3/Day To Take Part In Sustainable Sewage Services Program In Countryside (SRSSP) In Al-sharqiyah Governorate.

VALUE: 7 Million USD

السركة ميساه المشرب والعسرف المسمى بالشرفية

Design, Procurement, Installation Chlorine Unit & Electromechanical Works In MK Water Treatment Plant - Portsaid

VALUE: 5.4 Million USD





## **HSE**

### Système de gestion environnementale



La société égyptienne moderne de gaz naturel se concentre sur la réduction des effets négatifs des activités normales d'exploitation et de construction, en tenant compte de tous les défis environnementaux et des réglementations qui sauvent des vies

#### Règles de sauvetage



La compagnie égyptienne moderne de gaz naturel veille à ce que chaque individu se conforme aux réglementations et aux procédures d'urgence qui sauvent des vies, en reconnaissant sa responsabilité personnelle, en signalant ce qu'il considère comme des actes dangereux et en s'assurant qu'il est apte au travail



### **PROCESS SAFETY**

#### Modern Egyptian Natural Gas Company

achieved the highest levels of safety and occupational health in terms of the safe working hours at the sites of project implementation as well as the safe mileage traveled to the Company's sites and buildings.





### **SAFETY STATEMENT**

The company is committed to complying with the legal and enforceable occupational safety and health requirements through the following:

- Protect the health and safety of workers by strengthening the conditions that make workplaces free of accidents, reducing the chances of exposure to dangerous conditions, taking preventive measures and providing health care.
- Performing all activities and works in a safe and healthy manner.
- Perform work on the basis that all accidents that may cause injury, damage or property damage can be prevented.





### **SAFETY STATEMENT**

- Report and investigate all accidents, including accidents that do not result in injuries or material damage, and implement all recommendations to prevent their recurrence.
- Develop safety and health rules and instructions and maintain their application to reduce the possibility of injuries, health damage or damage to property, and that all workers at all levels are fully responsible for their knowledge of these rules and instructions as well as responsible for following and applying them with regard to the field of work and the competencies assigned to them.
- Supervising the design, construction, operation, maintenance and maintenance of (equipment - devices - facilities) through the application of effective safety and environmental management systems so as to achieve protection for the environment and the health and safety of workers and others present in the workplace.
- Develop audit and control systems and ensure their continuity, which includes periodic review to ensure that the policy and management systems for occupational safety, health and the environment are applied correctly and on a permanent basis and are continuously developed.



## Sustainability

Modern Egyptian Natural Gas Company Achieves
Each Goal Of Sdgs By Integrating It Into Core
Business Operations And Identifying Opportunities
To Collaborate With Other Stakeholders And
Leverage Experiences And Resources In Support Of
The Sdgs

Sustainability Remains Firmly Embedded In Modern Egyptian Company Natural Gas Strategy, Whether Through Reducing Emissions, Protecting Employee Safety Or Securing New Data-driven Process.





## NEXT PROJECTS IN ITALY

Based on the experience of Modern Egyptian Natural Gas in many fields, through technical and engineering expertise and qualified labor, as we mentioned, the company aims to expand its foreign projects and make Italy the new frontier it seeks. The Egyptian company Modern seeks to be part of and a partner in the realization of this vision.





## **Major Consultant**















## **CLIENTS**

























































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