

El-Kholy
Contractors and Steel Constructions
For Mechanical and Electrical Works

Head Office:
El-Sheikh Zayed, New Street, Behind
El-Nobi Club, Ismailia, Egypt

Numbers:
Head Office: +2-064-3201521

Workshops:
Block 10 & 58, 2nd Industrial
Area, New Salhiya, Al- Sharqia ,
EG

Website:
www.elkholysteel.com

Facebook Page:
www.fb.com/elkholycontractors

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Studies and Contracts
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El-Kholy
Contractors and Steel Constructions
For Mechanical and Electrical Works

“Years of Success and Achievements”



Years of Success and Achievements

ESC beside EMC was founded in 1996 by its founder Mr. Alaa El-Kholy and is one of the most prominent Electrical & Mechanical engineering and contracting companies, with interests in engineering construction for Oil & Gas companies, Petrochemical & Cement Factories & Electrical power stations including the following works:



Piping and Pipeline, Electrical works, chemical clean, Hydrostatic tests , Welding inspection, & steel structure. We have **two** workshops include storages (land No. 10 & 58) are located in Industrial area(2), New Salhiya , Al Sharqia, Egypt. Our company owns **El-Kholy for Metal Constructions (EMC)** company; our second branch which is specialized in production of corrugated metal sheets and sandwich panels.

Vision and Mission

Our Vision

to be the best, not necessary the biggest

Our Mission

Our mission is to train our personnel (engineers, electricians, welders, Inspectors, etc.) to be highly qualified to execute the scope of work perfectly and efficiently.



Quality Assurance

Quality Assurance Program endeavours Management commitment to seed Quality in all phases of its activities. The commitment begins from approaching inquires, meeting the contract specifications, handling project documents, in-process quality inspections, to meet delivery schedule and till the end product is erected satisfactorily.

Our Vision

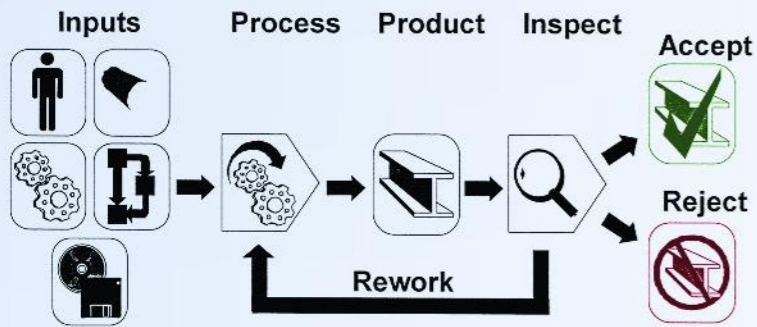
~ to be the best,
not necessary
the biggest

Inspection and Quality Control



The employees of ESC are committed to a program of continuous quality improvement that will provide our clients with a successfully completed project that meets or exceeds all requirements.

ESC's Inspection and Q.C staff has a Variety of experience in different fields of engineering inspection techniques utilized in the inspection of floating roof & fixed roof tanks, piping, boilers, furnaces, steel structures....etc.



ESC provides Inspection and Quality control procedure and reports applying to all applicable international standards codes: (API, ASME, AWS, NACE,..).

CERTIFICATE
 American Welding Society Educational Institution Member
 This is to certify that
Eng. AHMED MOHAMED ALI
 Has been approved in Non Destructive Testing within the recommendation of the American Society of Non Destructive Testing SNT-TC-1A and the Written Practice of Cairo Inspection Company in the following:
 Testing Method: **Liquid Penetrant Inspection**
 Level of Qualification: **Level II**
 Product Form: **Welds and Castings**

DETECTION
 Welding & NDT Consulting Office
 Certificate No: 026-RPT-DET/2014
QUALIFICATION CERTIFICATE
 TO CERTIFY THAT
MOHAMED IBRAHIM SALEH
 Has been Qualified and Certified in Nondestructive Testing in Accordance with the Recommendations of (SNT-TC-1A), 2006 Edition in the Following Categories:
 TESTING METHOD : LIQUID PENETRANT TESTING (LPT) Initial Certification Date : 10/04/2011
 LEVEL OF QUALIFICATION : TWO (II) Issue Date : 10/04/2014
 PRODUCT FORM : WELDS, CASTING & FORGING. Expiry Date : 09/04/2017

DETECTION
 Welding & NDT Consulting Office
 Certificate No: 026-RMCT-DET/2014
QUALIFICATION CERTIFICATE
 TO CERTIFY THAT
MOHAMED IBRAHIM SALEH
 Has been Qualified and Certified in Nondestructive Testing in Accordance with the Recommendations of (SNT-TC-1A), 2006 Edition in the Following Categories:
 TESTING METHOD : MAGNETIC PARTICLE TESTING (MPT) Initial Certification Date : 09/04/2011
 LEVEL OF QUALIFICATION : TWO (II) Issue Date : 09/04/2014
 PRODUCT FORM : WELDS, CASTING & FORGING. Expiry Date : 09/04/2017

Qualification Certificate
 Certificate No: NDT-UT-1871/2015
 This is to certify that
AHMED MOHAMED AHMED IBRAHIM
 Has been qualified and certified in Non-Destructive Testing in accordance with the American Society for Non-Destructive Testing (ASNT) Recommended Practice No. SNT-TC-1A (2011) in the following categories:
 Testing Method: Ultrasonic Testing (UT)
 Level of Qualification: Level II (TWO)

The American Society for Nondestructive Testing, Inc.
 Be it known that
Ahmed Mohamed Ali Ahmed
 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
 Radiographic Testing 1/15 1/20
 232567
 ASNT President
 Certification Management Council Chair

Kourish Elini Elwaha - ELMACA - 1076
 Tel.: 5423078 - 5423070
 Fax: 5423882
 P. O. Box: 1438
 C.C.R. 227936
 PREV prgma@egyptgas.com.eg

 Egyptian National Gas Company
 كوريش النشل - عروق - محطة - الجسر
 تليفون : ٥٤٠٦٠٧٨ - ٥٤٠٦٠٧٩
 فاكس : ٥٤٠٨٨٢
 صندوق بريد : ١٤٣٨
 سجل تجاري : ٢٢٧٩٣٦
 egyptgas@egyptgas.com.eg

TO WHOM IT MAY CONCERN
 This Document is To Certify That:
ELKHOLI STEEL CONSTRUCTION. (ESC)
 Is Egypt Gas Co. Nominated Contractor As:
MECHANICAL PROGRAM'S CONTRACTOR

For All The Mechanical Works In SCIMITAR PRODUCTION EGYPT LIMITED In Isran Feild And All The Suppling Works For The Qualifaied Manpower Equipments And Speical Tools With Respect To Client Safety Rules

This Is Verify That ELKHOLY STEEL CONTRACTOR Has Completed His Works Professionaly And In Time

Date: 15/6/2009

Authorized By:

 Egypt Gas Projects General Manager

الشركة العامة للغاز
 EGYPT GAS
 م.ع. ١٤٣٨
 كوريش النشل - عروق - محطة - الجسر
 تليفون : ٥٤٠٦٠٧٨ - ٥٤٠٦٠٧٩
 فاكس : ٥٤٠٨٨٢
 صندوق بريد : ١٤٣٨
 سجل تجاري : ٢٢٧٩٣٦
 egyptgas@egyptgas.com.eg

م.ع. ١٤٣٨
 كوريش النشل - عروق - محطة - الجسر
 تليفون : ٥٤٠٦٠٧٨ - ٥٤٠٦٠٧٩
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 egyptgas@egyptgas.com.eg

cozzsteel
 COZZSTEEL (ELABDI) FOR METAL CONSTRUCTION (SNC) PROJECT IN PORT SAID AND TETAH IN A CONTRACT TO WHOM IT MAY CONCERN
 This Document is To Certify That ELABDI FOR METAL CONSTRUCTION (SNC) was qualified by EZZ HOLDING S.A.S CO. for the following activities in the project:
 • Supply all required materials.
 • Wrapping work.
 • Fabrication and installation work at site.
 • Working inspection work.
 • Hidden inspection.
 • Installation iron work.
 • Chemical cleaning work.
 • Painting with storage job.
 • Sand blasting and painting work.
 • Cathodic protection work.
 EMC has executed the work under the supervision of EZZ HOLDING S.A.S CO. with high efficiency and according to the industry's code.
 Mr. Gopal Kishanrajan
 Project Manager

ABB
 ABB Power Technology S.A.E.
 ١٤٣٨
 كوريش النشل - عروق - محطة - الجسر
 تليفون : ٥٤٠٦٠٧٨ - ٥٤٠٦٠٧٩
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 صندوق بريد : ١٤٣٨
 سجل تجاري : ٢٢٧٩٣٦
 egyptgas@egyptgas.com.eg

STEELTEC
 STEELTEC
 ١٤٣٨
 كوريش النشل - عروق - محطة - الجسر
 تليفون : ٥٤٠٦٠٧٨ - ٥٤٠٦٠٧٩
 فاكس : ٥٤٠٨٨٢
 صندوق بريد : ١٤٣٨
 سجل تجاري : ٢٢٧٩٣٦
 egyptgas@egyptgas.com.eg

CET CONSTRUCTION ENGINEERING TECHNOLOGY
 كتلة مايفر انشادي
 MAIFER OFFSHORE PROJECTS (SAK)
 TO WHOM IT MAY CONCERN
 This Document is To Certify That:
ELKHOLI STEEL CONSTRUCTION. (ESC)
 Is Egypt Gas Co. Nominated Contractor As:
MAINTENANCE MECHANICAL PROGRAM'S CONTRACTOR
 For Maintenance Mechanical Program For The Years From 2009 Up To Date, With A Contractual Period Of Ten Years Service, With Five Positive Renewals At Prevailing Company Offshore Platform & Onshore Facilities, And It Well-Known To Be Competent For Maintenance Mechanical Program Including the Following:
 • Carrying & Picking up Three laser landing and Range Bumpers, at GPC Rev-Edwards Fields.
 • Complete Fabrication & Installation for Three new laser landing and Range Bumpers at GPC Rev-Edwards Fields.
 • Replacement of Fire Fighting Systems.
 • Replacement of Fire Fighting & Cooling system for Three Oil Storage Tanks (ASTO) A&B, for East 401 Platform Complex.
 Assignments include the following projects:
 • Successful Platform Complex (GPC).
 • Off-shore platforms (Edwards 1, 62 & Amer 6).
 • East 201 Platform Complex (Edwards).
 • Oil Storage Tanks.
 Date: 1/30/2006
 Egypt Gas Projects General Manager

ARCHIRODON CONSTRUCTION (OVER SEAS) CO.
ELKHOLI STEEL CONSTRUCTION - ESC
 شهادة مطابقة اصول
 شركة انشادي
 MAIFER OFFSHORE PROJECTS (SAK)
 TO WHOM IT MAY CONCERN
 This Document is To Certify That:
ELKHOLI STEEL CONSTRUCTION. (ESC)
 Is Egypt Gas Co. Nominated Contractor As:
MAINTENANCE MECHANICAL PROGRAM'S CONTRACTOR
 For Maintenance Mechanical Program For The Years From 2009 Up To Date, With A Contractual Period Of Ten Years Service, With Five Positive Renewals At Prevailing Company Offshore Platform & Onshore Facilities, And It Well-Known To Be Competent For Maintenance Mechanical Program Including the Following:
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 • Oil Storage Tanks.
 Date: 1/30/2006
 Egypt Gas Projects General Manager

Certificates
 ~ To whom may concern; These Documents are to certify.



Our clients



Scope of Works



Supplying	Piping and Pipline	Storage Tanks	Offshore Works	Steel structure	Electrical and Instrumentation	Fire Fighting
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We are specialized in supplying materials, manpower & equipment considering client's requirements and working environment and related to.

Materials:

- **Mechanical works** as piping, pipelines, storage tanks and steel structure works.
- **Electrical works** as Panels, Junction box, Lighting fixtures, cables, cathodic protection and earthing system sets
- **Firefighting works** as piping, pumps, valves, and electrical works.
- **Offshore works** as mechanical connectors, standard clamps, and splash zone coating.

Manpower:

- **Technical Office Engineers** specialized in shop drawings and planning works
- **Field Engineers** specialized in piping, steel structures, tanks, electrical and civil works.
- **Supervision works** as supervisor and foreman.
- **Mechanical works** as pipe fitter, tank fitter, installation fitter, offshore crews, welders for all positions, grinders, helpers.
- **Electrical works** as electrical technicians specialized in electrical installations, testing and commissioning.
- **Sandblasting and painting** as sand blasters and painters for onshore and offshore works also for above water surface and splash zone.

Equipment:

- **Lifting equipment** as cranes and forklift for different load ranges.
- **Welding** as welding machines for SMAW, GMAW, GTAW & FCAW welding processes.
- **Sand blasting & painting** as air Compressor, sand pot, airless spraying machine, high pressure hoses, accessories & ...etc.
- **Diving equipment** as Kirby Helmet, Surface supply unit, Basic Diving Equipment, Umbilical, HP Compressor, CCTV + Recorder, Decompression chamber (DCC), Zodiac & ...etc.
- **Extra tools** as hot cutting tools, cold cutting tools, drillers, threading tools and lifting tools.

We work in the oil field in tens of projects depending on our experience in fabrication, assembling and welding pipeline with different welding procedures, different diameters and distance. We execute both **mechanical** and **civil** works.

The **mechanical** works include the following:

- The pipe laying on the pipeline path.
- The welding with different types (SMAW, GTAW, FCAW & GMAW).
- Tie-in and crossing (Highway, canals, etc.).
- Sandblasting and paintings.
- Coating.
- Cathodic protection.
- Flashing with water, Purging using Nitrogen, Chemical cleaning & hydrostatic test pressure.

The **civil** works include the following:

- Preparing the worksite for the pipeline using heavy equipment.
- Excavation for the underground's pipeline and soft sand layer.
- Lifting using our professional crew.
- Back-filling works.

We also erect the pipeline accessories such as valves, pressure reduction room, launcher, headers and other accessories that may be required.

Fabrication & erection of piping works

We fabricate and erect any type of piping; we prepare the piping system to work in different working conditions and fluids (Oil, gas, steam, water...etc.).

We fabricate and weld all kinds of Materials (carbon steel, stainless steel, duplex, alloys ..etc.).

We follow different type of welding processes and welding procedures according to the international codes ASME, API & AWS.

We also sandblast and paint piping systems, we perform the hydrostatic test pressure with the required pressure.

We erect piping systems at any level and height and we install the pipe racks and supports using our scaffolding equipment and our skilled scaffolders according to safety rules.

Erection of piping system accessories

We have very skillful crew who are professional in erecting piping and pipeline accessories and instruments such as valves with different types and sizes and we erect pumps including supports and alignments. We also erect heaters, heat transfer instruments and special instruments which need professional fitters.

Installation of air conditioning system in several building

We completely perform air conditioning system including fabrication of piping system, pipe system, welding work, erection of cooling towers and the erection works of chiller system inside the building we always test the system before handing-over using hydrostatic test depending on our professional crew.

Supplying Materials

- Pipes (C.st, St.st & HDPE)
- Fitting (Butt weld & Threaded): Elbow, Tee, Reducer, O-let, Nipple, and Cap.
- Flanges: Weld neck, slip-on, blind, socket, threaded & ...etc. plus gaskets and bolts.
- Mechanical connector (Smart flange + Connector) & Swivel Flange.
- Valves: gate valve, ball valve, check valve, butterfly valve, globe valve, plug valve, PSV & ...etc. (UL/FM)

Khalda Petroleum company

~ Project of installation of a pump for salt water's injection to the wells, the works include welding and painting for its related pipes and its connections.



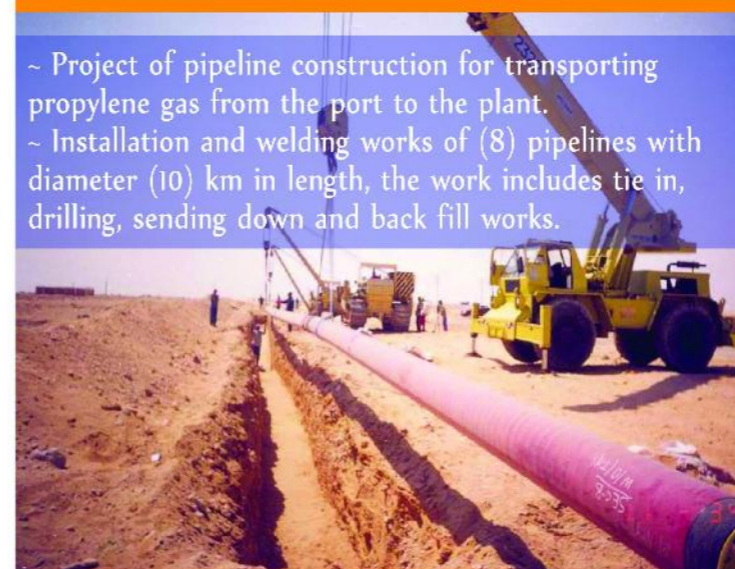
Egypt Gas company

~ Project of complete installation for asraan field in eastern desert, the works include all the piping system (Oil, steam, water...etc).
~ We make all the works of fabrication, welding, erection, sand blasting and painting for all the piping system, supports and racks.



El-Ain El-Sokhna PetroChemical Plant

~ Project of pipeline construction for transporting propylene gas from the port to the plant.
~ Installation and welding works of (8) pipelines with diameter (10) km in length, the work includes tie in, drilling, sending down and back fill works.



Abu Qir

~ Installation work for the new custody transfer metering system.



Archirodon Construction Over Seas Co.

~ valley development (Toshka Egypt), all the mechanical works for 3 pumping station in El-Shaikh Zaid Cannel.
~ Casting up, constructing and welding for outlet pipeline and the inlet pipe lines with total work about 20000 diametric inch.



Khalda Petroleum Company

~ Project of making the pipeline system to collect the gas from the well head to the gas collecting station.
~ The works include all the mechanical and civil works for the pipeline
~ The pipeline material from duplex and all the welding joints welded by GTAW by our qualified welders



Construction of storage tanks with different sizes for different uses

We completely construct storage tanks ,To serve all fields (oil storage tanks for oil field, water storage tanks for water treatment stations...etc.).

Complete maintenance works for tanks

We provide maintenance that may be required for the storage tanks such as replacing (bottom, shell and roof) sheets and making batches in tank body. Also replacing tank accessories (handrail, cooling rings and fire fighting system). We also sludge removing in service tanks to make it ready for maintenance.

Installation of stainless steel tank for manufacturing service

We construct stainless steel tanks for food industry factories, medicine factories of S304 and S316. We provide qualified and certified welder for stainless steel tanks. We supply, fabricate, erect and weld of stainless steeltanks with different capacities and according to design.

The tanks follows the following steps:

✦ Civil Works

All civil works needed to execute the construction of the tank including, excavation work, compaction work, backfilling work, plain concrete for the tank footings, reinforcement concrete to the tank footing , isolation for the tank footing, etc..

✦ Scaffolding

All scaffolding needed to execute the tanks constructions including erect internal and external scaffolding, dismantle internal and external scaffolding.

✦ Fabricating Tanks :

A. Steel Fabrications Fabricating of steel plates roof steel structures, ladders and handrails in our workshops include cutting, rolling, beveling & etc.

B. Construction of bottom

Construction of the bottom of the tank including annular plates erection & welding & bottom plates erection and tank needed.

C. Construction Shell

Construction of shell including 1st course erection adjust 2nd course erection (including preparation), 1st course vertical weld , 3rd course erection (including preparation).

D. Construction of roof

Construction of roof including up-lifting steel structure, roof plates fabrication erection & welding, fabrication & welding ladders, hand rills & nozzles.

✦ Piping:

Fabrication of cooling ring & rises installation of cooling ring

✦ Sand blasting & Painting.

Khalda Tarek company

- ~ Construction, installation and welding works of three storage tanks with total weight of 500 ton.
- ~ We make all the civil and mechanical works and we make the painting and sand blasting works.
- ~ We make complete installation for the tanks in the site in western desert.



South El Dapaa Company

- ~ Project of construction of six storage tanks with different size
- ~ We make all the manufacturing works in our workshop and transport the tanks to the site by our equipments, the works include welding, sand blasting and painting works.



East Zeit Petroleum Company

- ~ Project of complete maintenance works for three oil storage tanks TK#220 A / B / C for east zeit Petroleum Company.
- ~ The works include sand blasting and repainting works for all the tanks body, making any welding works needed in the body, shell and roof.
- ~ We make complete replacing for the fire fighting



General Petroleum Company

Supply, fabrication and installation of oil storage tank and firefighting water tank with capacity 2000 m3 located at Ras Gharib include all accessories and devices on it.

Al-Nouran Sugar Factory

- ~ Supplying, fabrication and installation of SS316L storage tanks with different capacities.



Al-Nouran Sugar Factory

- ~ Fabrication, welding and erection of six St.St silo tanks at packaging spot.



Overall maintenance for offshore platforms

Our company is specialized in offshore works for both above and below sea level as we carry out the following activities:

- General maintenance for offshore P/F include mechanical, electrical, inspection and painting works.
- Repairing and replacement of old risers.
- Replacement of corroded piping network on P/F deck.
- Construction for new piping works for several functions.
- Fabrication and erection of new boat landing with fenders for shock absorbance.
- Sandblasting and painting of higher deck parts.
- Maintenance of Helideck (Firefighting system, Drain system, Lighting system, Safety net, Paintings).

Diving activities include but not limited to the following:

- Surveying for seabed and under water pipelines by professional divers who record the whole survey using HQ video cameras.
- Sandblasting and coating for splash zone area.
- Repairing of broken pipelines under water and installing mechanical connectors.
- Inspection for underwater parts of P/F by UT thickness gauge.
- Removing of seashells & ...etc. on P/F jacket.
- Free Span Points Correction.
- Remove of scrap from seabed.

- Providing all necessary diving equipment include but not limited to the following:

Surface supply diving equipment (Kirby, umbilical & ...etc.), Basic diving set (Scuba diving), Decompression chamber (DCC), Zodiac, CCTV & Recorder, Underwater Camera & Housing, LP & HP Compressor, Hydraulic grinding, Hydraulic power pack, Jack hammer, U/W cleaning equipment and diving PPE.

Manufacturing and erecting of platform parts:

- Manufacturing and erecting boat landing barge bumper with different sizes including the erection of the rubber fender with several shapes, the lifting of the boat landing to the marine workshop or to the land, inspect the welding and painting and repair of the boat landing or replace it.
- Manufacturing and erecting net pipes with different diameters in (main deck, helideck and seller deck)

The system includes pipes, firefighting system pipes (foam, water) and manifold pipe system

- Manufacturing and erecting of handrail and ladders between platforms levels
- Manufacturing and erecting of riser clamps on the jacket body installation and erection works for the grating on all the platforms parts
- Maintenance of offshore platform's body
- Sandblasting and painting works for all the platform body.

Construction of offshore (gas, oil) pipeline:

We have highly qualified crew who is professional in using the marine equipment to execute the offshore works perfectly on the exact time according to the offshore safety manners. We work according but not limited to the international codes.

General petroleum company

- Project of fabrication, welding and installation for three boat landing and burg bumper.
- The works include the lifting works to the land, inspection works, fabrication, welding, sand blasting, painting and erection works.



Aion Mousa Electricity Station

- Project of construction for offshore pipeline in Aion Mousa electricity station.
- The works include the special works of sending down works.
- The make to feed the station with mazot and we all the works of installation, welding, and sending down of the offshore pipeline 8 inches, 160 in diameter and 3000 m length.



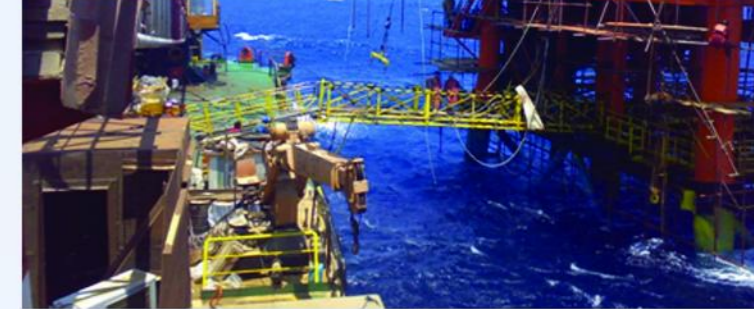
Al-Amal Petroleum Company

- Supplying, welding and submerging of 12" HDPE drain pipeline at Ras Al-Dib including diving and testing activities.

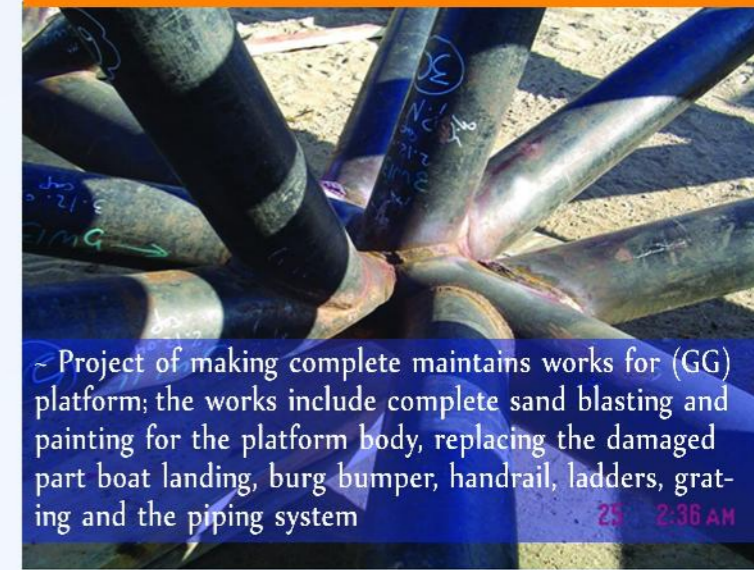


Maridive offshore service company

- Project of install offshore pipeline to transport the crude oil from the offshore wells to the separation station.
- The works include all the welding, assembling, pulling and testing works.

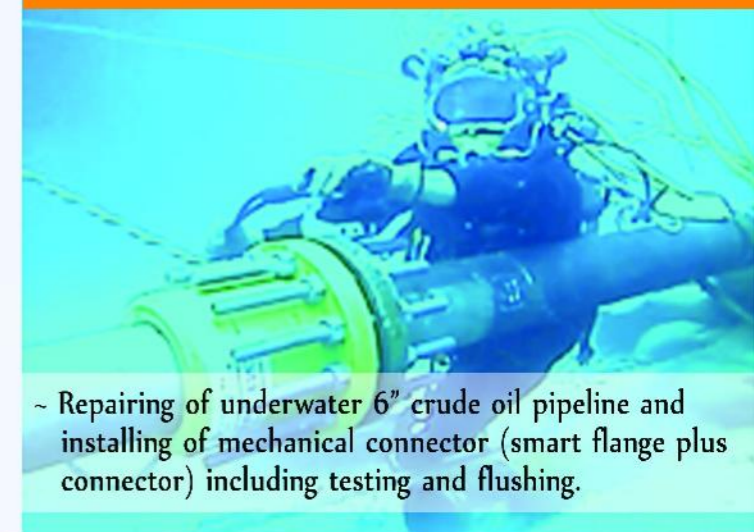


General Petroleum Company



- Project of making complete maintains works for (GG) platform; the works include complete sand blasting and painting for the platform body, replacing the damaged part boat landing, burg bumper, handrail, ladders, grating and the piping system

General Petroleum Company



- Repairing of underwater 6" crude oil pipeline and installing of mechanical connector (smart flange plus connector) including testing and flushing.

Construction of the steel structure building:

We completely construct steel structure buildings including the mechanical, civil and electrical works, we construct different sizes of these buildings and we prepare it to suit customer's request.

The process goes as follows:

- ✦ **Fabricating:** Our services are industry compliant and met all needs of a variety of businesses within the power generation industry, we also cater to a wide selection of diverse industries, including, but not limited to, manufacturing, Petroleum Companies. And, possessing a fleet of tractor trailers, we also offer convenient on-site delivery.
- ✦ **Inspection:** Structural steel is inspected and tested by our qualified inspectors to ensure that all steel connections meet the acceptable criteria specified. This is achieved by non-destructive testing which are performed in accordance with ASME.
- ✦ **Painting & Sandblasting:** We can offer a wide range of technical coating systems according to project requirements include corrosion resistant, solvent free, and low VOC (Green) coating systems, along with numerous others. Our crew can also provide fire protection for structures. We offer fireproofing and intumescent coatings that will keep your structures strong in intense heat while still looking good.
- ✦ **Transporting & erection:** We carry out these services after end of fabrication. We have employed steel erectors specialized in erection of any steel structure in a safe, timely and efficient manner.

Works of Iron Sheets and Asbestos

We are also working in the works of disassemble and installation of all types of iron sheet in steel buildings, including ordinary, corrugated iron sheets and Sandwich pannels, as well as disassemble and replacement of all kind of Asbestos.

Asbestos Removal

Exposure to asbestos can cause a range of debilitating medical conditions affecting the respiratory system, including mesothelioma, asbestosis and lung cancer. Persons carrying out asbestos removal work are expected to have knowledge of how to perform asbestos removal safely. We have the necessary skills, training, protective equipments and utilities to perform this work safely and without risk to health including;

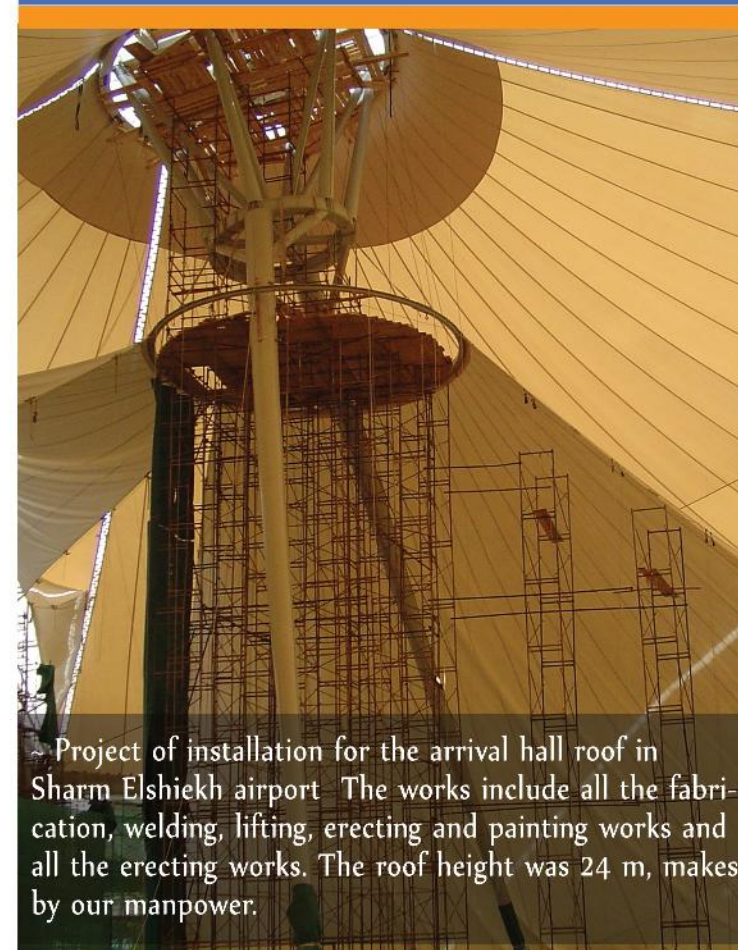
- How asbestos can affect a person's health.
- Appropriate controls.
- Waste disposal.
- Emergency procedures.

The objective is to complete all work with **zero** incidents:

- **Zero** injuries to workers.
- **Zero** Harm to the environment.

Supplying materials

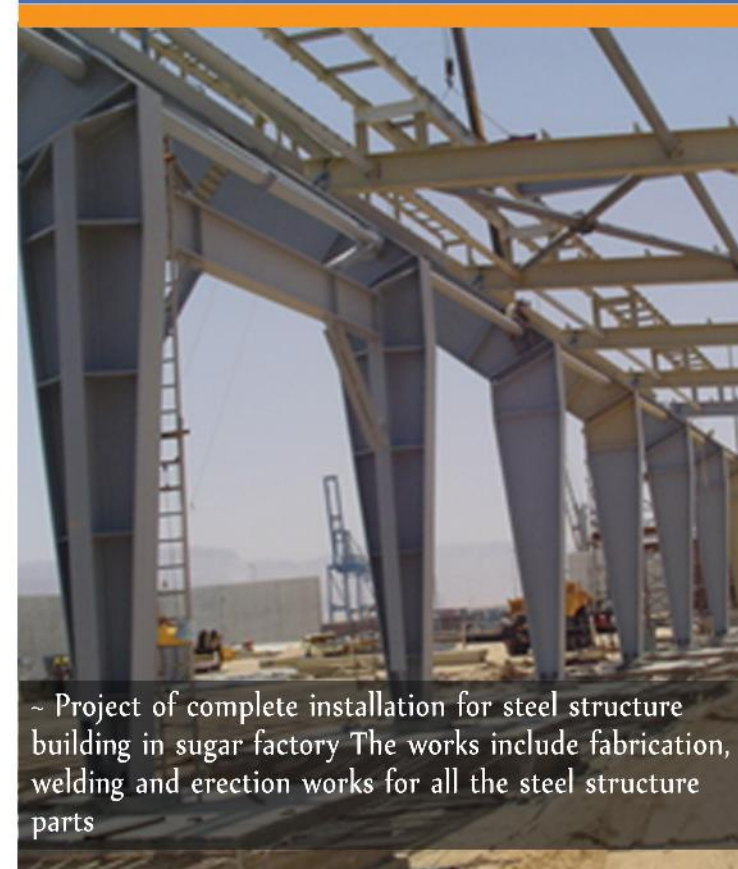
- Steel sheets and chequer plates.
- Rolled steel sections: U-section I-section, H-section, L-section, Hollow section, purlins & ...etc.
- Corrugated (galvanized-painted metal sheets / UPVC) for cladding.
- Sandwich panels.
- Grating.

Sharm El-Shiekh Air Port

~ Project of installation for the arrival hall roof in Sharm Elshiekh airport. The works include all the fabrication, welding, lifting, erecting and painting works and all the erecting works. The roof height was 24 m, makes by our manpower.

**Gulf of Suez Petroleum company
(GUPCO)**

~ Disassemble and replacement of **Asbestos** pannels.

**Steel Tec Company**

~ Project of complete installation for steel structure building in sugar factory. The works include fabrication, welding and erection works for all the steel structure parts.

**Gulf of Suez Petroleum company
(GUPCO)**

~ Supplying and installing 10000 m Sandwich Panel.



We work in the field of electrical installation and we committed to comply with national and international relevant product requirement.

El-Kholy Steel Constructions has all the required capabilities, the experienced qualified and trained crew with a professional technical office with competent Engineers to work according to the international standards code IEEE (Institute of Electrical and Electronics Engineers) to make all the electrical works and installation of large projects maintaining an accurate construction planning , a strong site organization and top safety system according to the international codes NFPA 70E (Standard for Electrical Safety in the Workplace) & NEC (The National Electrical Code).

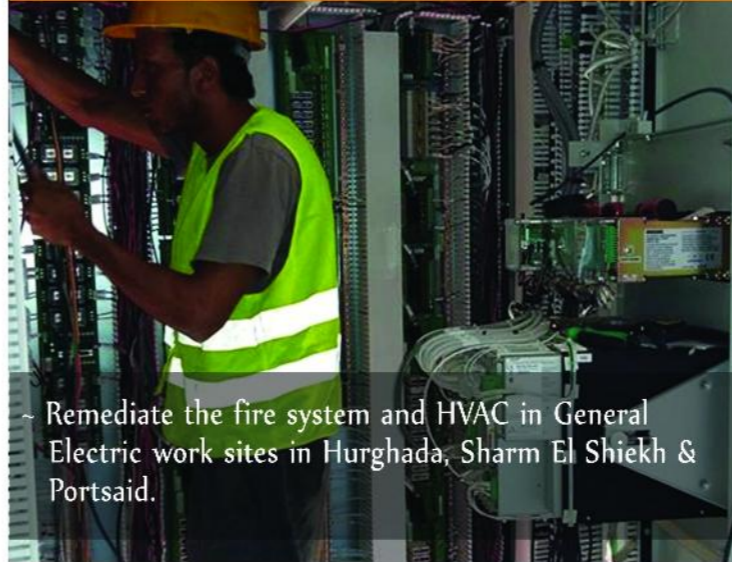
Electrical scope of work in El-Kholy Steel Constructions:

- Power station Electromechanical and Instrumentation..
- Distribution panels (M.C.C. , V.S.D. ... etc.).
- Sub-station Distribution & transmission.
- Electrical Installation and for Industrial and Commercial Buildings .
- Cabling , Jointing Low-medium & high voltage & Pilot Cables .
- Exterior and Interior Lighting system.
- Low current systems (fire alarm ,protection and telephone systems etc.)
- Troubleshooting , maintenance and Commissioning & startup.
- ATS panels and Generators synchronization.
- Diesel Generators & UPS.
- Cathodic protection for tanks and pipelines.

Supplying Materials

- Offshore Helideck Lighting system (Flood lights, perimeter, obstruction lights, Junction box & Auto-lighting Panel)
- IP & EX Junction box & Lighting fixtures
- Control & power cables
- Panels
- Accessories as glands, MCCB, MCB & ...etc.
- Electrical Metallic Tube (EMT)
- Cathodic protection system (Sacrificial anodes & Impressed current)
- Earthing system

Koontz Wagner




~ Remediate the fire system and HVAC in General Electric work sites in Hurgada, Sharm El Shiekh & Portsaid.

Petrobel



~ Maintenance for 20 Helidecks including electrical and mechanical works.

Gulf of Suez Petroleum company



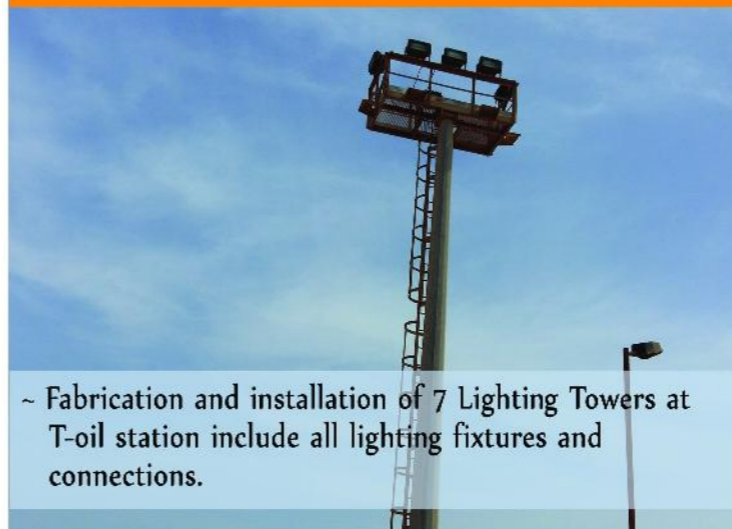
~ Supplying and installing Cable trays.

Semitar



~ Supplying electricians for executing different electrical works.

General Petroleum Company

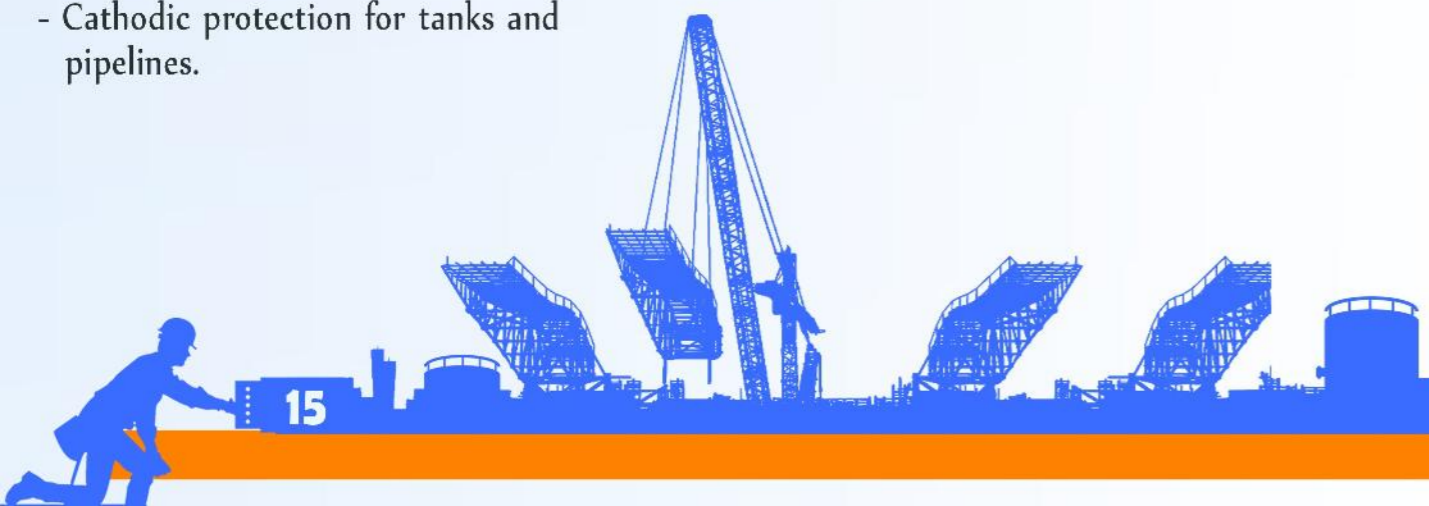


~ Fabrication and installation of 7 Lighting Towers at T-oil station include all lighting fixtures and connections.

General Petroleum Company



~ Supplying, installing and connecting of junction boxes



We provide complete solutions for Fire Fighting & Security Systems, encompassing Supply, Installation, Testing, Commissioning, Maintenance and Servicing of:

- ✦ Fire Extinguishers – Portable & Trolley type
- ✦ Hose Reels & Cabinets
- ✦ Automatic Fire Detection & Alarm System
- ✦ Automatic Fire Protection Systems, such as:
 - Fire Hydrant Systems
 - Sprinkler Systems
 - Foam Systems
 - CO2 Systems
 - FM 200 Systems
 - Novec 123
- ✦ Security & Control Systems


Installation of fire fighting system for different Areas

We completely install fire fighting systems which can suit all kinds of buildings (factories, hospital, Camps and all the oil field applications) according to the international code NFPA (National Fire Protection Association).

Supplying materials


- Firefighting and fire alarm control panel.
- Linear Heat detector & smoke detector.
- Pumps (UL/FM): Diesel pumps and jockey pumps.
- Foam pump and bladder tank (UL/FM).
- Valves (UL/FM): Deluge valve, Y-strainer, gate valve & check valve.
- Sprinklers

General Petroleum company



~ Supplying, installing and welding of Fire Fighting network for offshore petroleum platforms in Red Sea Zone owned by General Petroleum company platform Gharib 1 and 2, Amer 6 and platforms FF-GG.

Waha El Khartoum Hotel in Sudan



~ Supplying technicians for installation and welding works for Fire Fighting network.

City Center in Cairo



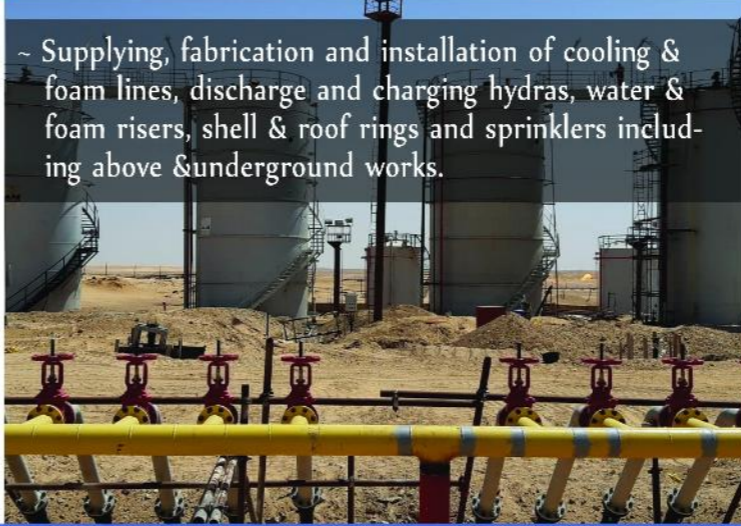
~ Fire Fighting pipes for City Center in Cairo.
~ Direct Contractor: Debbas company

General Petroleum company



~ Supplying and installation 2000 m3 tank relative to Fire Fighting network including supplying, installing and welding pipes network and installing devices and connecting the network with the main network of General Petroleum company.
~ Direct Contractor: Egypt Gas company

General Petroleum Company



~ Supplying, fabrication and installation of cooling & foam lines, discharge and charging hydras, water & foam risers, shell & roof rings and sprinklers including above & underground works.

General Petroleum Company



~ Supply, fabrication, installing and commissioning of complete firefighting system include foam system and water cooling system.

