

Holds a B. Sc. in Mechanical Power Engineering and has more than 15 years experience at oil & gas (offshore /onshore), Power Plant projects field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 15/08/1981
Gender : Male
Residence : Gharbia

EDUCATION

: B. Sc. in Mechanical Power Engineering, Mansoura University, 2004

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Cadworkx (3D Design, Assembly, Drawing) Software
: AutoCAD
: Caesar II (piping stress analysis)
: MS Project (Project Planning software)
: HYSYS (Hydrocarbon simulation software)

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2019 till now
Employer : Gulf of Suez Petroleum Company (GUPCO)
Project : 18" Oil Pipe line between October Complex and Ras Bakr Plant with 36 KM offshore length and 2.5 KM onshore length
Job title : Site Manager

Dates : From Jan. 2019 till now
Employer : Gulf of Suez Petroleum Company (GUPCO)
Project : 12" Water Injection Pipe line between July 10 complex and July Water Flood Plante with 7.6 KM offshore length and 1.8 KM onshore length
Job title : Site Manager

Dates : From Apr. 2018 till Jan. 2019
Employer : Gulf of Suez Petroleum Company (GUPCO)
Project : 30" Ras Shoker new Falre (3 km lenght 30" flare line - utility lines for flare – Jhone Zink pakge for ignition system and water seal – flare knock out drum repalcement)
Job title : Site Manager

Dates : From Mar. 2017 till Apr. 2018
Employer : Gulf of Suez Petroleum Company (GUPCO)
Project : 36" R/Bakr Flare network replacement, Replace the old corroded flare Knock out Drum by new one
Job title : Site Manager

Dates : From Jun. 2017 till Mar. 2018
Employer : Gulf of Suez Petroleum Company (GUPCO)
Project : Replacing the 24" old corroded Pipe Line (40 km) by new one 12" with the same length
Job title : Site Manager

Dates : From Jun. 2017 till Mar. 2018 (part time)
Employer : South Abu Zenima Petroleum Company (SAZ)
Project : MUzhil P/F EPF and Top Site Piping
Job title : Senior Project Engineer

Dates : From May 2014 till Jun. 2017
Employer : Gulf of Suez Petroleum Company (GUPCO)
Project : M-36 Rehabilitation: M-36 one of the largest offshore complex in the middle east and the Rehabilitation scope for this complex complete upgrading for all infrastructure, upgrading piping system, upgrading the control system and the biggest challenge was to perform most of the required scope in a life P/F
Job title : Offshore Construction Manager

Dates : From May 2010 till May 2014
Employer : Gulf of Suez Petroleum Company (GUPCO)
Job title : Offshore Project Engineer
Job Description : Act as Gupco performing authority on different vessels to execute projects scope of work like (Riser Mechanical repair, infra-structure repair, top side piping replacement, P/F Rehabilitation, piping modification,).

Dates : 2010 (part time)
Employer : AL AMAL PETROLEUM CO. (AMAPETCO)
Project : Onshore Plant Development
Job title : Senior Piping Engineer

Dates : From Feb. 2006 till May 2010
Employer : Gulf of Suez Petroleum Company (GUPCO)
Job title : Special Project Engineer
Job Description : Field Engineering Team: Developing the process design for small projects or proposal consisting of a normal piping system component. And make the required bill of materials according to the international codes & standards.

Dates : From Oct. 2004 till Feb. 2006
Employer : ACETO INDUSTRIES (EGYPT)
Egyptian company concerns with upgrading the control systems in the power plants. It was an agent for HONEYWELL and ABB in Egypt.
Job title : Project Engineer

Examples for our in home projects at Gupco:

- M-24 P/F Rehabilitation and helideck Replacement.
- Gupco Satalight program Complete Rehabilitation.
- Replace the corroded infrastructure (grating, handrail, ladders, pipe rack, cable tray supports, piping supports, stair way, Replace the corroded Mezzanine Deck, Replace the corroded ladders etc.) at S/ALI P/F).
- Upgrade fire fighting system in S/A complex.
- Boat landing replacement for S/ALI water-flood P/F.
- Proceed with riser inspection Program and execute the District recommendations (sand blast - U.T - R.T for small bore fitting and install different types of wrap).
- BAD B Topside piping inspection, small bore fitting repair, removing unused heat Ex. replace the 8" scaled piping.
- S/A AN P/F HPG header replacement and convert the two hummer pig trap to standard trap and replace the SRV Header.
- J-37 classified Norm Area class B 8" HPG riser mechanical repair.
- M-45 Oil header inspection then proceed with mechanical repair dew to high thickness reduction.
- Oct C 18" oil Riser Mechanical repair, Install 18" ESD valve, helideck repair and marking update.
- OCT Field Shut Down (mechanical Repair the 20" Mail P/I, Replace the Boat landing, Repale the Oil Production Header.
- M-1 complex Shutdown (positive isolation for the Production separator, replace the test header, replace the corroded portions in the closed drain system, upgrade the Utility air network, replace the fuel gas system piping.

Examples for our projects "brown field":

- Feeding J10 P/F with sales gas: study the engineering of the project - prepare P&ID drawings - make the p/I route on shore and off shore - prepare the material take off and the isometric Drawings - participate in the ESD and SRV setting with E&I.
- Central Area Bottleneck Study: make the pressure drop calculations in a complicated network of pipe lines and check the capability of the crude oil pump to handle the required pressure and flow rate and make update for pump curves to get the optimum oil production.

- Upgrade “GS-315 E” piping system: off shore P/F and re -rout the HPG System, resize and replace the oil flow lines.
- Direct Saqqara LPG to unit 101: participating in the engineering design package for new jumper between Saqqara LPG to 16” and U103 / U104 P/L.
- Converting 16” gas P/L to oil service: make the required piping modification for converting 16” gas P/L U102/U104 to be oil service and install the required pigging facilities, drains, relief systems.
- M-1 Weight Shading: remove the unused piping and install top side facilities of new P/L and make some piping modifications on the P/F.
- Replace and extend the firefighting network of chemical yard: install monitors and hydrant and make new extension to cover the new storage chemical area. prepare the engineering package and material take off.
- Oct F pigging facilities: make the required modifications to install pigging facilities for 4.5" HPG P/L (prepare the engineering Drawings and MTO then supervision for construction offshore.

Examples for our projects "green field":

- Hilal B P/F: offshore P/F, participate in FEED and engineering Phase then follow-up the contractor to install jacket, topside piping and start-up and commissioning.
- Saqqara P/F and Process Plant: participate in start-up and commissioning for Saqqara on shore process plant.

- Field of experience :**
- Offshore Vessel management, Piping Engineering and construction, facilities integrity, Plant Shut down at Oil & Gas (onshore / offshore, green and brown field) projects and Power Plant projects.
 - Good experience in Offshore Vessel with Fixed units (barges) and movable units Boats DP11.
 - Good experience in offshore units management to get the optimum benefit and confirm all HSE rules are followed.
 - Provide the Engineering Support for the Major Projects.
 - Minor modifications detailed engineering management.
 - Piping systems design as a piping routing ,and material selection (fitting, flanges types, Gaskets and valves), according to the codes & standards specifications.
 - Piping fabrication and erection in offshore and onshore environment.
 - Provide Technical & Operational direction for shutdown, Definition and preparations of Work Scope & Work Package.
 - Provide technical input to improve work packs and safety performance.
 - Review Operational Standards and Safety Instructions related to Shutdown Activities and assist Shutdown Planning with regard to time estimation for preparation, execution, handover & start-up activities.
 - Act as Shutdown SPA coordinate and handle all the issues related to planned shutdown like (isolation procedures, execution procedures, material availability, required manpower and equipment, identify shutdown scope with all contractors, discuss and control the change request with the MOC team).
 - Co-ordinate and hand-over activities between different departments and contractors for in-house projects, modifications and Shut down.
 - Supervision, and monitoring the field piping engineer activities for

different piping systems (Oil, Natural Gas, Air Utility, fire water, Flare, ...etc.), and reviewing (GA"2D", Isometric, P&ID) drawings, punch lists flushing, pre-commissioning, commissioning, hydro test, leak tests...etc. with the contractor company.

- Provide technical requirements and installation methods for different type of instrument devices like (Red eye, V-cone meter, Orifice Meter, Press switch, ESD system, Well head control panel, chemical injection skid, sand prop).
- Good familiar with many International standards & codes (API, ASME, ASTM), and (BP and Amoco) Spec.'s too.
- Management of Change MOC to make the plant improvement modifications, through FCP (Facility change process) (Technical engineering and construction input).
- Participate in audits, HAZop, inspections and safety observation, Report all HSE incidents and advise and assist on incident investigations.