

Holds a B. Sc. in Electromechanical Engineering, a Diploma of Energy Management (Egyptian Master Equivalent) and a Diploma in Project Management. Has over 20 years experience working in refineries industry project management, construction management, cross countries pipelines, mechanical piping construction, refineries construction, gas plants construction, petrochemical projects, power plant projects, gas distribution projects.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 27/08/1975  
Gender : Male  
Residence : Giza, Cairo

## EDUCATION

- : B. Sc. in Electromechanical Engineering, Menoufia University, 1998
- : Diploma of Energy Management (Egyptian Master Equivalent), Atlanta University, USA, 2002
- : Diploma in Project Management, Al-Sadat Academy, 2009

## LANGUAGES

Arabic : Native Language  
English : Fluent  
French : Good

## COMPUTER SKILLS

- : Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : GAS PRESSURE REDUCTION STATIONS P.R.S, Schlumberger Actaris, Germany (Oct. 2003): PIPING CONSTRUCTION & WELDING INSPECTION & SETTING.
- : GAS PRESSURE REDUCTION STATIONS P.R.S, FRANCE, France (Mar. 2004): PIPING CONSTRUCTIONS & MAINTENANCE.
- : WELDING TECHNOLOGY, ASNT (Sep. 2004): Welding according to API, ASME CODES.
- : RADIOGRAPHY WELDING INSPECTION, ASNT (Nov. 2004): Welding inspection using radiography isotopes tech.
- : ULTRASONIC WELDING INSPECTION, ASNT (Mar. 2005): Welding inspection using Ultrasonic tech.

- : PIPELINES TRANSMISSION & DISTRIBUTION ASME CODE B31.8, AUC (Apr. 2005): Design & Constructions of Gas Pipelines According to ASME B31.8.
- : PROCESS PIPING ASME CODE B31.3, AUC (Jun. 2005): Piping Installation of LNG & REFINERY WORKING.
- : POWER PIPING ASME CODE B31.1, AUC (Jul. 2005): Piping Installation of POWER STATIONS WORKING.
- : FUEL GAS PIPING ASME CODE B31.2, AUC (Apr. 2006): Piping Installation of Fuel Gas Piping.
- : CWI - Certified Welding Inspector, DSD (Apr. 2006): Preparation of Welding Inspection According to AWS.
- : LIQUID HYDROCARBONS PIPING SYSTEMS ASME CODE B31.4, AUC (Jun. 2007): Design & Installation of Hydrocarbons Transportation Piping Systems.
- : PIPELINE INTEGRITY, OGS (Jan. 2010): GAS Pipeline Integrity & Maintenance.
- : PMP PREPARATION COURSE, OGS (Apr. 2010): PREPARATION FOR PMP EXAM.
- : OIL / GAS PROJECT MANAGEMENT SKILLS, ENPPI (Mar. 2018): PROJECT MANAGEMENT OIL / GAS STAGES.
- : EPF PROJECT MANAGEMENT, PMA SCHLAMBERGER HOUSTON (May 2018): EPF PROJECT, CONSTRUCTION AND FULL MANAGEMENT.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Feb. 2018 till now
- Employer** : Schlumberger
- Job title** : Construction Manager
- Job Description** :
- Manage, lead, direct EPF Early Production Facility projects in different global areas.
  - Manage & supervise FEED studies for EPF projects.
  - Manage engineering design / deliverables related to construction activities.
  - Manage the subcontractor selection / negotiation.
  - SOW management, framing and identification.
  - Manage all the Construction, Execution stages / activities for EPF project including:
    - Pipelines – gas plant construction activities Piping, Mechanical, Civil and Electrical Piping:
      - ❖ 260,000 inch dia A/G Piping scope multi diameters fabrication & erection.
      - ❖ 12000 inch dia. U/G piping.
      - ❖ 26 K.M pipelines size 24” construction scope.
    - Mechanical:
      - ❖ Equipment erection such as centrifugal pumps, reactors and pressure vessels.
      - ❖ Water storage tank installation.
      - ❖ Desalted unit installation.
      - ❖ Gas compressors installation.
      - ❖ Gas compressors installation.
      - ❖ 80,000 ton steel structure pipe racks.

- Civil:
  - ❖ 9800 m3 concrete pouring for construction of:
    - ❖ Pumps foundations.
    - ❖ Substation foundation.
    - ❖ Lube oil storage foundations.
    - ❖ Pipe racks foundations.
    - ❖ Pipe sleepers – valve pits foundations.
- E/I:
  - ❖ Power transformers installation.
  - ❖ Cable trenching / cable pulling supervision 1200 K.M.
  - ❖ Cable termination.
- Oversee / direct construction project activities from conception to completion.
- Coordinate with client crew and direct contractor / subcontractor to achieve the required planned objectives.
- Directing the project contract / budget / cost / gross margin.
- Direct and admin the contractually agreement referring to EGAS RULES AND CONDITIONS.
- FOLLOWING / MONITORING / DIRECTING THE DAILY / WEEKLY / MONTHLY PROGRESS.
- Managing / mitigate Risks for the project and execution.
- Ensure all QC plan along the projects according to Schlumberger standards.
- Ensure the HSE requirements as per Schlumberger rules and standards.
- Pipeline / piping route selection, to optimize costs of new pipelines.
- Mechanical components construction stability analysis, expansion calculations, free spans analysis, pipeline fatigue analysis, cathodic protection design.
- Tie-in coordination & flexibility analysis.
- Materials Specification, MTOs and Requisitions.
- Mechanical piping / pipeline / steel structure / civil / electrical installation engineering experience is an advantage.

**Dates** : From May 2016 till Feb. 2018

**Employer** : Egyptian Natural Gas Holding Co.

**Job title** : Construction Project Manager

**Job Description** :
 

- Manage all the execution stages / activities for Gameel / Damietta gas pipelines – gas plant construction activities Piping, Mechanical, Civil and Electrical:
  - Piping:
    - ❖ 1200,000 inch dia. A/G Piping scope multi diameters fabrication & erection.
    - ❖ 140,000 inch dia. U/G piping.
    - ❖ 228 K.M pipelines construction scope.
  - Mechanical:
    - ❖ Equipment erection such as centrifugal / injection / jokey pumps, reactors and pressure vessels.
    - ❖ Water storage tank installation.
    - ❖ Gas compressors installation.
    - ❖ Gas compressors installation.
    - ❖ 80,000 ton steel structure pipe racks.

- Civil:
    - ❖ 120 ,000 m3 concrete pouring for construction of:
      - ❖ Pumps foundations.
      - ❖ Substation foundation.
      - ❖ Lube oil storage foundations.
      - ❖ Pipe racks foundations.
      - ❖ Pipe sleepers – valve pits foundations.
  - E/I:
    - ❖ Power transformers installation.
    - ❖ Cable trenching / cable pulling supervision 3000 K.M.
    - ❖ Cable termination.
- Oversee / direct the pipelines projects from conception to completion.
  - Start / follow the FEED study for the gas pipelines / gas plants / refineries projects.
  - Oversee all onsite project construction activities to ensure the compliance of EGAS specs and regulations.
  - Coordinate and direct the manpower / subcontractor to achieve the required planned objectives.
  - Directing the project contract / budget / cost / gross margine.
  - Direct and admin the contractually agreement referring to EGAS RULES AND CONDITIONS.
  - FOLLOWING / MONITORING / DIRECTING THE DAILY / WEEKLY / MONTHLY PROGRESS.
  - Managing / mitigate Risks for the project and execution.
  - Ensure all quality plan along the projects according to EGAS standards.
  - Ensure the HSE requirements as per EGAS rules and standards.
  - Ensure that design is fully compliant with Project Specification and Client, International and Local Standards.
  - Pipeline / piping route selection, to optimize costs of new pipelines.
  - Mechanical components construction stability analysis, expansion calculations, free spans analysis, pipeline fatigue analysis, cathodic protection design.
  - Pipeline hydraulic analysis, pipeline sizing calculations.
  - Riser and Tie-in spools flexibility analysis.
  - Cost estimating for project execution and facilities.
  - Materials Specification, MTOs and Requisitions.
  - Mechanical piping / pipeline / steel structure / civil / electrical installation engineering experience is an advantage.
  - Quality Assurance – Responsible for working within the provisions and guidelines of the Quality Assurance system.
  - Safety – Responsible for personal safety safe working practices.

<b>Dates</b>	:	From May 2015 till May 2016
<b>Employer</b>	:	Petrofac Kuwait
<b>Project</b>	:	The clean fuel project Shoaiba Refinery, Kuwait
<b>Job title</b>	:	Construction Manager
<b>Job Description</b>	:	<ul style="list-style-type: none"> <li>• All construction activities piping / steel structurer / reactors &amp; equipment installation / civil / electrical and infrastructure.</li> <li>• Confirm &amp; supervise &amp; follow all the working activities with PMC, Contractors for all Running activities Mechanical Pipeline, Piping, Steel Structure, Equipment installation, Civil and Electrical.</li> </ul>

- Following the arrangement for design, work procedures, work permits, QC Plan and HSE plan.
- Management of HSE and Safety programs such as implementation and daily use of Permit to Work, Hazop, Job Safety Assessment, and Standard Operating Procedures within the Field.
- Ensure safety is addressed in all aspects of work planning and execution.
- Ensure the project scope is executed in accordance with agreed schedule and budget.
- Following contracts & lead negotiations verify the variations and additional works with PMC, Client, subcontractors and suppliers.
- Lead the weekly meeting with subcontractors to achieve the required as per planned activities.
- Following supplies and materials according to the construction plan to complete construction project.
- Plan & perform corrective actions to cover the results of delays due to bad performance or emergency conditions.
- Resolving for work problems, construction delaying issues and lead the Construction performance plan.
- Lead the construction activities according and within the project budget and on schedule frame.
- Schedule the construction activities according to the practical steps.
- Support all the disciplines engineers to ensure engineering design is executed in accordance with scope and relevant codes and standards.
- Communicate key/critical work items or issues up to management.
- Review contractor / vendor work products to ensure adherence to Project requirements.
- Ensure required services, equipment and materials are bid, selected, and procured in adherence to Company procurement processes.
- Frequent interface with Construction and Operations groups to agree/resolve issues as they occur.
- Ensure project learning are captured and available to be shared with the Projects organization.

<b>Dates</b>	:	From May 2014 till May 2015
<b>Employer</b>	:	LOOTAH BC GAS, DUBAI - UAE
<b>Job title</b>	:	Construction Project Manager
<b>Job Description</b>	:	<ul style="list-style-type: none"> <li>• MANAGEMENT &amp; SUPERVISION FOR GAS PIPELINES / PIPING for Oil/Gas facilities.</li> <li>• Providing leadership / managing for all mechanical construction activities including pipeline construction, piping erection, vessels installation and steel structure erection.</li> <li>• Coordinate with the related civil / electrical / instrumentation activities to achieve the target for the construction plan.</li> <li>• Provide fully monitoring for the estimated budget, the contracted scope, the planned manpower resources as per project budget.</li> <li>• Fully controlling for the FEED study, engineering scope, design Modification.</li> <li>• Fully revision for monthly /weekly/daily progress report to be within the planned project schedule.</li> <li>• Dealing, communicate and directing for all subcontractors / client / PMC</li> </ul>

and manage the alternative requirements for the project perfect performance.

**Dates** : From May 2011 till Apr. 2014  
**Employer** : Kharafi National Kuwait  
**Job title** : Construction Manager  
**Job Description** :

- MANAGEMENT & SUPERVISION FOR GAS PIPELINES STORAGE TANKS TERMINAL / PIPING FACILITIES FROM ALZOUR TO MAA AREA.
- Manager for all the mechanical construction activities on site for the all areas of the project including:
  - Pipeline scope: excavation, welding, inspection pipe laying and back filling.
  - Piping scope: piping fabrication, erection, fit up, welding, inspection, heat treatment hydro test and pre-commissioning and commissioning.
  - Steel structure scope: S.S fabrication, assembly and erection.
  - Civil activities: all related Civil activities concrete pouring (excavation, blinding, rebar and concreting.
  - E/I: cable trenching, cable trenching and cables termination.
  - Confirm & supervise & follow all the working activities with PMC / KNPC / KOC.
  - Achieved 1 million inch dia. Piping scope construction.
  - Achieved 400 k. gas / fuel gas pipelines H.P.
  - Ensure safety is as per HSE project plan addressed in all aspects of work Planning and execution.
  - Following contracts & lead negotiations verify the variations and additional works with PMC, Client, subcontractors and suppliers.
  - Attend the weekly meeting with main contractor / PMC to achieve the Required as per planned activities.
  - Following supplies and materials according to the construction plan to complete construction project.

**Dates** : From May 2006 till May 2011  
**Employer** : Egyptian Natural Gas Holding Co.  
**Job title** : Project Construction Manager  
**Job Description** :

- MANAGEMENT & SUPERVISION FOR GAS PIPELINES INFRASTRUCTURE NETWORKS: Carbon Steel, PE TO INDUSTRIAL & POWER STATIONS.
- PROJECT CONTRACT CONTROL.
- PIPELINES ROUTE SELECTION.
- PIPING SIZING.
- MATERIALS TAKE OFF & MATERIALS RESOURCES.
- MANPOWER MANAGEMENT.
- CONSTRUCTION ACTIVITIES (EXCAVATION, STRINGING, JOINTING, PIPELAYING, HYDROTESTING, COMMISSIONING).

**Dates** : From Jul. 2008 till Apr. 2009  
**Employer** : Al Jaber Qatar

**Project** : BARWA CITY GAS PROJECT  
**Job title** : Project Manager  
**Job Description** :

- MANAGEMENT & SUPERVISION FOR GAS PIPELINES INFRASTRUCTURE NETWORKS / GAS PIPING / GAS DETECTION SYSTEM OF BARWA CITY PROJECT.
- INSTALLATION OF INFRASTRUCTURE POLYETHYLENE GAS PIPELINES MEDIUM / LOW PRESSURES.
- INSTALLATION OF GAS PIPING SYSTEMS FOR CITY BUILDINGS.
- INSTALLATION OF GAS VESSELS & PRESSURE REGULATION STATIONS.
- INSTALLATION OF ELECTRICAL GAS DETECTION SYSTEMS.

**Dates** : From Nov. 2004 till Apr. 2006  
**Employer** : DSD  
**Job title** : Construction Manager  
**Job Description** :

- FABRICATION, ERRECTION & CONSTRUCTION FOR METALLIC WORKS INCLUDING PROCESS PIPING, POWER PIPING, VESSELS, GAS STORAGE, MECHANICAL CONSTRUCTIONS (STEEL STRUCTURES), BRIDGES & TOWERS.
- SUPERVISION THE FABRICATION ACTIVITIES FOR THE PROJECT (WELDING - QC - TEST - HEAT TREATMENT).
- REVISION FOR PID & ISOMETRIC AND PLAN.
- SUPERVISION FOR MATERIAL TAKE OFF ACTIVITIES.
- SUPERVISION THE CONSTRUCTION & ERRECTION ACTIVITIES ON SITE.
- COORDINATION FOR THE Q.C OPERATIONS RELATED TO FABRICATION & ERRECTION PROCESSES.
- SUPERVISION THE PERFORMANCE COMPARING TO THE TIME SCHEDULE.
- SUPERVISION THE SAFETY PLAN FOR THE PROJECT.

**Dates** : From Aug. 1998 till Nov. 2004  
**Employer** : House Gas Co. - Egypt  
**Job title** : Site Engineer  
**Job Description** :

- CONSTRUCTIONS FOR GAS PIPELINES POLYETHELNE P.E MD & P.E HD (WORKING PRESSURE 4-7 BAR).
- CONSTRUCTIONS FOR GAS CARBON STEEL PIPELINES ACCORDING TO API & ASME, IGEN CODES (WORKING PRESSURE 7 - 70 BAR).
- CONSTRUCTIONS FOR PRESSURE REDUCTION STATIONS P.R.S & PRESSURE REGULATORS FROM 70 / 4 BAR, 7/4 BAR, 4 /0.1 BAR.
- CONSTRUCTIONS FOR GAS DISTRIBUTION NETWORKS P.E (MEDIUM - LOW) PRESSURE.
- PENUMATIC & HYDROSTATIC TEST FOR GAS PIPELINES NETWORKS INCLUDING TEST PROCEDURE.
- COMMISSIOING FOR GAS PIPELINE UP TO 100 BAR WORKING PRESSURE.
- COMMISSIOING FOR GAS NETWORKS LOOPS, GAS NETWORKS PIPELINES AND GAS REGULATORS.
- PURGE FOR GAS LOOPS & GAS PIPELINES.



- CONSTRUCTIONS & SETTING FOR GAS REGULATORS 1000, 5000 AND 10000 M3 / H.
- COMMISSIONING & SETTING FOR GAS REGULATORS.
- OPERATING FOR TEST INSTRUMENTS INCLUDING DEAD WEIGHT TESTER, THERMOGRAPHS, GAUGES, PRESSURE INDICATORS, P-T RECORDERS & PROMETERS.
- PERFORMANCE OF SAFETY PLANS FOR PROJECT.
- SETTING FOR PRESSURE REGULATORS 10000, 1000 M3/H.
- MAINTENANCE FOR GAS NETWORKS.
- CONSTRUCTION FOR GAS NETWORKS IN: POWER STATIONS, REFINERY FACTORIES, HEAVY INDUSTRIES FACTORIES.

Engineering Bases / Codes Used:

- ASME B 31.8, ASME B 31.3, ASME B 31.1, ASME B31.4, ASME B31.11, ASME B31.2.
- API 1104, API 570.
- ASTM, ANSI.
- TD 1, TD3, DIS, PL2 GAS CODES.
- NFPA 54, NFPA 58.
- KOC SPECS – KNPC SPECS.

- Field of experience :**
- Over 20 years experience of working in refineries industry project management, construction management, cross countries pipelines, mechanical piping construction, refineries construction, gas plants construction, petrochemical projects, power plant projects, gas distribution projects, all these main mega projects establishment include pipelines activities, piping fabrication / erection activities, steel structure fabrication / assembly / erection, all related civil activities, all electrical / instrumentation E/I cables pulling activities, equipment installation management, project management, budget management, deliverables management, risk management, QC management.
  - Working in: Petrofac Kuwait, Kharafi National Kuwait, Lootah UAE, AlJaber Qatar, DSD Egypt.
  - Worked under: Hyundai, Samsung, Man Technology, Shell, Bilfinger, BP, BG.
  - Familiar with codes: ASTM, ASME B31.1, 3, 4, 8, ASME 9, API1104, 570, IGEN TD1, 3.
  - Certified from: ASNT, ASME, AEE.
  - Achieved:
    - Al Zour / Mina Ahmadi Fuel gas & oil facilities Kharafi National / Petrofac / Fluor / KOC – KNPC KUWAIT – 300 million \$.
    - BS 170 gas Booster Station Kharafi National / Hyundai – Fluor / KOC / knpc Kuwait – 420 million \$.
    - CFP Petrofac / Samsung – KNPC – KUWAIT 1.3 billion \$.
    - Mohammed ben rashed city vessel farm – gebel ali – Dubai – UAE 220 million \$.
    - BARAWA CITY Gas Vessel Farm – gas Pipeline – Al Jaber / Bilfinger – Doha – Qatar – 140 million \$.
    - Gamsa – Abu Madi gas pipeline – gasco – Egypt – 470 million \$.
    - Oman Oil EPF – OCCEP Abu Tobool 120 million \$.
  - Project / Construction Management experience: 10 years.



- Sector: Oil / Gas Mechanical / Civil / Electrical / Construction Management / Project Management.