

## ASHRAF FAROUK EL SAYED

2013

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### PERSONAL DATA

Nationality    Egyptian

### EDUCATION

B.Sc. in Mechanical Power | Faculty of Engineering| Cairo University |1996

### TRAINING & QUALIFICATIONS

P.R.S Design & Installation| Schlumberger Training Center |2001

□ Topic : Design & installation of gas stations

□ Karlsruhe, Germany.

SynerGEE Gas |Stoner |2001

□ Topic : Design Gas Network using SynerGEE Program

Project management |AUC |2003

□ Topic : Project Planning and Control Techniques

□ Topic : Management of Project Resources

□ Topic : Project Specifications Bids & Contracts

□ Topic : Primavera Project Planner(P3 for Windows)

□ Topic : Project Budgeting and Financial control

□ Topic : Feasibility Studies and Financing

Material Selection |Petroment Training Center |2003

□ Topic : Petroleum material selection and specifications

ASME B31.1| ASME & AUC| 2004

□ Topic : Power Piping Design and Fabrication

ASME B31.3| ASME & AUC| 2004

□ Topic : Process Piping Design and Fabrication

ASME B31.8| ASME & AUC| 2004

□ Topic : Gas Transmission and Distribution Piping Systems

Gas Distribution |Engineering Gas Technology Institute|2004

□ Topic : Gas Distribution Engineering

University Name: Illinois University, Chicago, USA

Project management Professional Certified (PMP) |2005

### PROJECTS EXPERIENCE

Total Years of Experience | 15

2007 | until now    Design & Technical Manager | Water and Gas (GPCOEWG) & Tractebel Engineering Co. | Libya

Project: 3 Transmission gas pipelines & 2 gas distribution networks

□ Performing the basic design and tender documents to feed two cities with natural gas with total number of customers 40,000 customer.

2007 | until now    Design & Technical Manager |City Gas|Suez  
**Project** : ACC (Arabian Cement Company) High pressure pipeline

□ Performing detailed design for 20" Pipeline, Length 9,000 m (at Cairo – Ain Sokhna old highway) with design pressure 70 bar. Including Size, Valves rooms, Construction drawing, Assembly drawing and Material Take Off to execute projects.

2006    Design & Technical Manager |City Gas|Suez

**Project** :Suez distribution network Phase III

	<ul style="list-style-type: none"> <li>□ Performing the technical study, detailed design, Construction drawing, and material take off to feed domestic customers No. of customer 50,000</li> </ul>
	<ul style="list-style-type: none"> <li>□ Medium pressures Network: P.E Pipes 90 mm – 250 mm -16,000 m</li> </ul>
	<ul style="list-style-type: none"> <li>□ Low pressures Network: P.E Pipes 32 mm – 180 mm- 250,000 m</li> </ul>
2006	Design & Technical Manager   Repco Gas   Damietta
	<b>Project :</b> Damietta distribution network Phase II
	<ul style="list-style-type: none"> <li>□ Performing the technical study, detailed design, Construction drawing, and material take off to feed domestic customers.</li> </ul>
	<ul style="list-style-type: none"> <li>□ No. of customer -45,000</li> </ul>
	<ul style="list-style-type: none"> <li>□ Medium pressures Network: P.E Pipes 90 mm – 250 mm- 14,000 m</li> </ul>
	<ul style="list-style-type: none"> <li>□ Low pressures Network: P.E Pipes 32 mm – 180 mm 230,000 m</li> </ul>
2006	Design & Technical Manager   City Gas Co.   Red Sea Governorate
	<b>Project :</b> Scimitar Oil Field distribution network
	<ul style="list-style-type: none"> <li>□ Performing the technical study, detailed design, Construction drawing, and material take off to feed Field facility.</li> </ul>
	<ul style="list-style-type: none"> <li>□ Medium pressures Network (7Bar): P.E Pipes 63 mm – 250 mm 20,000 m</li> </ul>
2006	Design & Technical Manager   City Gas   Suez
	<b>Project:</b> Design for Transmission line feeding Arabian Cement Co.
	<ul style="list-style-type: none"> <li>□ Performing detailed design for 20" Pipeline, Length 8,000 m (at Cairo – Ain Sokhna old highway) with design pressure 70 bar. Including Size, Valves rooms, Construction drawing, Assembly drawing and Material Take Off to execute projects.</li> </ul>
2005	Design & Technical Manager   City Gas   Suez
	<b>Project :</b> Design for Transmission line feeding Egyptian Cement Co. phase II
	<ul style="list-style-type: none"> <li>□ Performing detailed design for 16" Pipeline, Length 3,000 m (at Cairo – Ain Sokhna old highway) with design pressure 70 bar. Including Size, Valves rooms, Construction drawing, Assembly drawing and Material Take Off to execute projects.</li> </ul>
2004 - 2005	Design & Technical Manager   National Gas Co.   Fayum Governorate
	<b>Project :</b> Fayum distribution network Phase II
	<ul style="list-style-type: none"> <li>□ Performing the technical study, detailed design, Construction drawing, and material take off to feed domestic customers.</li> </ul>
	-No. of customer : 20,000
	- Medium pressures Network: P.E Pipes 90 mm – 250 mm 9,000 m
	-Low pressures Network: P.E Pipes 32 mm – 180 mm 240,000 m
2004	Design & Technical Manager   Repco Gas Co.   Damietta Governorate
	<b>Project:</b> Technical & Feasibility study for Damietta Governorate phase II
	<ul style="list-style-type: none"> <li>□ Performing Technical Feasibility studies including preliminary survey &amp; primary design.</li> </ul>
2003	Senior Design & Technical Engineer   House Gas Co.   Cairo Governorate
	<b>Project:</b> Dream land distribution network
	<ul style="list-style-type: none"> <li>□ Performing the technical study, detailed design, Construction drawing, and material take off to feed domestic customers.</li> </ul>
	- No. of customer : 3500
	- Low pressures Network: P.E Pipes 32 mm – 180 mm 40000 m
2003	Senior Design & Technical Engineer   House Gas Co.   Cairo Governorate
	<b>Project:</b> Beverly Hills distribution network
	<ul style="list-style-type: none"> <li>□ Performing the technical study, detailed design, Construction drawing, and material take off to feed domestic customers.</li> </ul>
	-No. of customer : 2000
	-Low pressures Network: P.E Pipes 32 mm – 180 mm 11000 m
2003	Senior Design & Technical Engineer   Fayum Gas Co.   Fayum Governorate

	<b>Project:</b> Technical & Feasibility study for Fayum Governorate phasell
	<input type="checkbox"/> Performing Technical Feasibility studies including preliminary survey & primary design.
2002 - 2003	Senior Design & Technical Engineer   National Gas Co.   Elsharkia Governorate
	<b>Project:</b> 10th of Ramadan City distribution network
	<input type="checkbox"/> Performing the technical study, detailed design, Construction drawing, and material take off to feed domestic customers. - No. of customer: 57000 - High pressure Network: Steel Pipes 12" – 20" 16,550 m - Medium pressures Network: P.E Pipes 180 mm – 250 mm 13600 m
2002	Senior Design & Technical Engineer   City Gas Co.   Suez Governorate
	<b>Project:</b> Egypt Gulf Oil Co. P.R.S.
	<input type="checkbox"/> Putting the design configuration and specifications for Metering and Pressure Reduction Stations Reducing Pressure from 7 bar to 0.2 bar according to the International Specifications. <input type="checkbox"/> Participated in the evaluation between vendors who provided us by there technical offers.
2002	Senior Design & Technical Engineer   City Gas Co.   Suez Governorate
	<b>Project:</b> Suez Iron Industries Co. P.R.S.
	<input type="checkbox"/> Putting the design configuration and specifications for Metering and Pressure Reduction Stations Reducing Pressure from 7 bar to 2 bar according to the International Specifications. <input type="checkbox"/> Participated in the evaluation between vendors who provided us by there technical offers.
2002	Senior Design & Technical Engineer   City Gas Co.   Suez Governorate
	<b>Project:</b> Elatal Co. P.R.S.
	<input type="checkbox"/> Putting the design configuration and specifications for Metering and Pressure Reduction Stations Reducing Pressure from 7 bar to 2 bar according to the International Specifications. <input type="checkbox"/> Participated in the evaluation between vendors who provided us by there technical offers.
2002	Senior Design & Technical Engineer   City Gas Co.   Suez Governorate
	<b>Project:</b> Integrated Oil Co. P.R.S.
	<input type="checkbox"/> Putting the design configuration and specifications for Metering and Pressure Reduction Stations Reducing Pressure from 7 bar to 0.2 bar according to the International Specifications. <input type="checkbox"/> Participated in the evaluation between vendors who provided us by there technical offers.
2002	Senior Design & Technical Engineer   City Gas Co.   Suez Governorate
	<b>Project:</b> EZZ GROUP Co. P.R.S.
	<input type="checkbox"/> Putting the design configuration and specifications for Metering and Pressure Reduction Stations Reducing Pressure from 70 bar to 11 bar and 4 bar according to the International Specifications. <input type="checkbox"/> Participated in the evaluation between vendors who provided us by there technical offers.
2002	Senior Design & Technical Engineer   Genco Group   Turkey
	<b>Project:</b> Technical & Feasibility study for Gasentip city (Turkey)
	<input type="checkbox"/> Performing Technical Feasibility studies including preliminary survey & primary design.
2002	Senior Design & Technical Engineer   Genco Group   Turkey
	<b>Project:</b> Technical & Feasibility study for Kirikkalle city (Turkey)
	<input type="checkbox"/> Performing Technical Feasibility studies including preliminary survey & primary design.
2002	Senior Design & Technical Engineer   Genco Group   Lebanon & Syria
	<b>Project:</b> Technical & Feasibility study for Syrian Lebanon gas pipeline project
	<input type="checkbox"/> Performing Technical Feasibility studies including preliminary survey & primary design.
2001	Senior Design & Technical Engineer   National Gas Co.   Elsharkia Governorate
	<b>Project:</b> Abu Hammad City distribution network
	<input type="checkbox"/> Performing the technical study, detailed design, Construction drawing, and material take off to feed domestic customers. - No. of customer : 16,000 - Medium pressures Network: P.E Pipes 63 mm – 180 mm 5000 m

	- Low pressures Network: P.E Pipes 32 mm – 125 25,000 m
2001	Senior Design & Technical Engineer   National Gas Co.   El-Sharkia Governorate
	<b>Project:</b> Technical & Feasibility study for 10th of Ramadan City
	□ Performing Technical Feasibility studies including preliminary survey & primary design.
2001	Senior Design & Technical Engineer   City Gas Co.   Suez Governorate
	<b>Project:</b> Design for Transmission line feeding Oriental Petrochemical Co.
	□ Performing detailed design for 16" Pipeline, Length 13000 m (at Suez – Ain Sokhna highway) with design pressure 70 bar. Including Size, Valves rooms, Construction drawing, Assembly drawing and Material Take Off to execute projects.
2001	Senior Design & Technical Engineer   City Gas Co.   Suez Governorate
	<b>Project:</b> North west Gulf of Suez distribution network
	□ Performing the technical study, detailed design, Construction drawing, and material take off to feed the industrial customers.
2001	Senior Design & Technical Engineer   City Gas Co.   Red Sea Governorate
	<b>Project:</b> Technical & Feasibility study for Hurgada City
	□ Performing Technical Feasibility studies including preliminary survey & primary design.
2000	Design Engineer   City Gas Co.   Suez Governorate
	<b>Project:</b> Aldorado Keliopatra Group P.R.S.
	□ Putting the design configuration and specifications for Metering and Pressure Reduction Stations Reducing Pressure from 70 bar to 2 bar according to the International Specifications.
	□ Participated in the evaluation between vendors who provided us by there technical offers.
2000	Design Engineer   City Gas Co.   Suez Governorate
	<b>Project:</b> Egyptian Fertilizer Co. P.R.S.
	□ Putting the design configuration and specifications for Metering and Pressure Reduction Stations Reducing Pressure from 70 bar to 30 bar according to the International Specifications.
	□ Participated in the evaluation between vendors who provided us by there technical offers.
2000	Design Engineer   House Gas Co.   Cairo Governorate
	<b>Project:</b> Arabella Resort distribution network
	□ Performing the technical study, detailed design, Construction drawing, and material take off to feed domestic customers.
	□ Low pressures Network: P.E Pipes 32 mm – 125 mm 4000 m
2000	Design Engineer   House Gas Co.   Cairo Governorate
	<b>Project:</b> Katamia Hights Resort distribution network
	□ Performing the technical study, detailed design, Construction drawing, and material take off to feed domestic customers.
	□ Low pressures Network: P.E Pipes 32 mm – 125 mm 11000 m
2000	Design Engineer   National Gas Co.   Elsharkia Governorate
	<b>Project:</b> Belbis City distribution network
	□ Performing the technical study, detailed design, Construction drawing, and material take off to feed domestic customers.
	- No. of customers :32,000
	- Medium pressure Network: P.E Pipes 125 mm – 250 mm 9,000 m
	- Low pressures Network: P.E Pipes 32 mm – 180 mm 88,500 m
2000	Design Engineer   City Gas Co.   Suez Governorate
	<b>Project:</b> Ataka Industrial Zone distribution network
	□ Performing the technical study, detailed design, Construction drawing, and material take off to feed the industrial customers.
2000	Design Engineer   City Gas Co.   Suez Governorate
	<b>Project:</b> Design for Transmission line feeding Egyptian Fertilizer Co.

	<ul style="list-style-type: none"> <li>□ Performing detailed design for 24" Pipeline, Length 4,000 m (at Hurgada – Ain Sokhna highway) with design pressure 70 bar. Including Size, Valves rooms, Construction drawing, Assembly drawing and Material Take Off to execute projects.</li> </ul>
2000	Design Engineer   City Gas Co.   Suez Governorate
	<b>Project:</b> Technical & Feasibility study for Suez Governorate phase II
	<ul style="list-style-type: none"> <li>□ Performing Technical Feasibility studies including preliminary survey &amp; primary design.</li> </ul>
2000	Design Engineer   Nile valley Gas Co.   Elminia & Asuit Governorates
	<b>Project:</b> Technical & Feasibility study for Elminia & Asuit Governorates
	<ul style="list-style-type: none"> <li>□ Performing Technical Feasibility studies including preliminary survey &amp; primary design.</li> </ul>
2000	Design Engineer   Fayum Gas Co.   Fayum Governorate
	<b>Project:</b> Technical & Feasibility study for Fayum Governorate phasel
	<ul style="list-style-type: none"> <li>□ Performing Technical Feasibility studies including preliminary survey &amp; primary design.</li> </ul>
1999	Design Engineer   City Gas Co.   Red Sea Governorate
	<b>Project:</b> Ras Ghareb City distribution network
	<ul style="list-style-type: none"> <li>□ Performing the technical study, detailed design, Construction drawing, and material take off to feed domestic customers.</li> <li>- No. of customer :4,500</li> <li>- Medium pressures Network : P.E Pipe 63 mm – 250 mm 8,650 m</li> <li>- Low pressures Network: P.E Pipe 32 mm – 180 mm 40,000 m</li> </ul>
1999	Design Engineer   City Gas Co.   Suez Governorate
	<b>Project:</b> Suez City distribution network
	<ul style="list-style-type: none"> <li>□ Performing the technical study, detailed design, Construction drawing, and material take off to feed domestic customers.</li> <li>-No. of customer: 50,000</li> <li>-High pressure Network: Steel Pipes 4" – 10" 19,000 m</li> <li>-Low pressure Network : P.E pipes 32 mm – 180 mm 84,000 m</li> </ul>
1999	Design Engineer   City Gas Co.   Suez Governorate
	<b>Project:</b> Ataka Industrial Zone P.R.S
	<ul style="list-style-type: none"> <li>□ Putting the design configuration and specifications for Metering and Pressure Reduction Stations Reducing Pressure from 70 bar to 7 bar according to the International Specifications.</li> <li>□ Participated in the evaluation between vendors who provided us by there technical offers.</li> </ul>
1999	Design Engineer   City Gas Co.   Suez Governorate
	<b>Project:</b> Technical & Feasibility study for Ataka Industrial area
	<ul style="list-style-type: none"> <li>□ Performing Technical Feasibility studies including preliminary survey &amp; primary design.</li> </ul>
1999	Design Engineer   City Gas Co.   Red Sea Governorate
	<b>Project:</b> Design for Transmission line feeding General Petroleum Co.
	<ul style="list-style-type: none"> <li>□ Performing detailed design for 6" Pipeline, Length 3,500 m which. ( at Red Sea governorate) with design pressure 70 bar. Including Size, Valves rooms, Construction drawing, Assembly drawing and Material Take Off to execute projects.</li> </ul>
1999	Design Engineer   City Gas Co.   Red Sea Governorate
	<b>Project:</b> Ras Ghareb City Gate P.R.S
	<ul style="list-style-type: none"> <li>□ Putting the design configuration and specifications for Metering and Pressure Reduction Stations Reducing Pressure from 16 bar to 4 bar according to the International Specifications.</li> <li>□ Participated in the evaluation between vendors who provided us by there technical offers.</li> </ul>
1999	Design Engineer   City Gas Co.   Suez Governorate
	<b>Project:</b> Egyptian Cement Co. P.R.S.
	<ul style="list-style-type: none"> <li>□ Putting the design configuration and specifications for Metering and Pressure Reduction Stations Reducing Pressure from 70 bar to 7 bar according to the International Specifications.</li> <li>□ Participated in the evaluation between vendors who provided us by there technical offers.</li> </ul>
1999	Design Engineer   Agip Co.   North Sinai Governorate
	<b>Project:</b> Technical & Feasibility study for North Sinai Governorate
	<ul style="list-style-type: none"> <li>□ Performing Technical Feasibility studies including preliminary survey &amp; primary design.</li> </ul>
1998	Design Engineer   City Gas Co.   Suez Governorate

	<b>Project:</b> Design for Transmission line feeding Egyptian Cement Co.
	<ul style="list-style-type: none"> <li>□ Performing detailed design for 16" Pipeline, Length 30,000 m (at Katamia / Ain Sokhna highway) with design pressure 70 bar. Including Size, Valves rooms, Construction drawing, Assembly drawing and Material Take Off to execute projects.</li> </ul>
1998	Design Engineer   City Gas Co.   Suez Governorate
	<b>Project:</b> Suez City Gate P.R.S
	<ul style="list-style-type: none"> <li>□ Putting the design configuration and specifications for Metering and Pressure Reduction Stations Reducing Pressure from 70 bar to 7 bar according to the International Specifications.</li> <li>□ Participated in the evaluation between vendors who provided us by there technical offers.</li> </ul>
1998	Design Engineer   City Gas Co.   Suez Governorate
	<b>Project:</b> Technical & Feasibility study for Suez Governorate phase I
	<ul style="list-style-type: none"> <li>□ Performing Technical Feasibility studies including preliminary survey &amp; primary design.</li> </ul>
March, 98 -Up Till Now	Engineering Depart Manager   City Gas
	<ul style="list-style-type: none"> <li>□ Prepare preliminary design concepts and feasibility studies.</li> <li>□ Develop and update design drawings, perform calculations, Support projects managers in achieving organizational objectives.</li> <li>□ Develop and update as needed: P&amp;ID drawings, Construction Diagrams and maps.</li> <li>□ Perform Load Calculations to determine: main and service sizes in the distribution networks system.</li> <li>□ Develop Material Take Off (M.T.O) Lists. Select applicable standard Details or create custom details if needed. Select applicable specifications and modify as necessary.</li> <li>□ Check and approve material and equipments design and supplier drawings.</li> <li>□ Travel to sites and customer offices to coordinate the design requirements of projects and contracts, Interface with client to obtain project information or clarify Client requirements.</li> <li>□ Support Projects Manager in adhering to budget constraints.</li> <li>□ Maintain familiarity with design standards and equipment preferences of clients and municipalities. Keep abreast of new products providing solutions to design problems.</li> <li>□ Provide technical support for construction and operation departments within areas of responsibility.</li> <li>□ Supervise work procedures, method statements, time estimates, material and equipment lists and interfaces.</li> <li>□ Perform integrity assessments of existing pipeline systems on a fitness-for-purpose basis.</li> <li>□ Complete work assignments on time, within budget and a standard required by the Company.</li> <li>□ Ensure that designs are carried out to specifications.</li> <li>□ Complete work scope deliverables in accordance to the requirements of our client's standards / guideline and other recognized International Standards.</li> <li>□ Complete work scope deliverables in accordance to the requirements of our client's standards / guideline and other recognized International Standards.</li> <li>□ Monitoring personnel technically, supervise a team of 9 persons and promote the team spirit.</li> </ul>
<b>INTERESTS</b>	
	Reading and Playing Football