

Holds a B. Sc. in Mechanical Power Engineering and has about 9 years of experience in Oil & Gas & power plants & different process based industries (mining & petrochemicals), handling mainly engineering technology, design, piping construction and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 17/05/1975
Gender : Male
Marital Status : Married
Residence : Qalubia

EDUCATION

: B. Sc. in Mechanical Power Engineering, Helwan University, 2008
: Finished Pre-Masters stage LEVEL 500 & LEVEL 600
: In progress with master point: "Thermal Hydraulic Analysis of Supercritical water Reactor Cooled by Nano Fluids"

LANGUAGES

Arabic : Native Language
English : Fluent
French : Fair

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet
: AutoCAD
: Primavera
: PDMS 12.6 piping design, Equipment, Isodraft, Draft, CATS & SPECS, SPOOLER, ROUTER, HVAC, CABLE TRAY, STRUCTURE, SPOOLER, ELECTRICAL COMPONENT and ADMIN
: Caepipe piping stress analysis
: AUTO PLANT 3D

TRAINING COURSES AND CERTIFICATIONS

: Primavera project planning 6 advanced course.
: HVAC at Arabic Office for engineering consultants (2006).
: HYDRAULIC SYSTEMS at Kahromica (2008).
: Check inspection of welding, Egyptian Welding Academy Mostorod (2009).

- : Non-destructive test (magnetic test, visual test).
- : Contract management.
- : Fire fighting sprinkler system.
- : AutoCAD
- : AUTO PLANT 3D
- : PDMS 12.6 piping design, Equipment, Isodraft, Draft, CATS & SPECS, SPOOLER, ROUTER, HVAC, CABLE TRAY, STRUCTURE, SPOOLER, ELECTRICAL COMPONENT and ADMIN
- : Caepipe piping stress analysis
- : Hazard Awareness Certificate.
- : HITRA Awareness Certificate.
- : Introduction to Control of Work Certificate.
- : Work Safe HITRA Certificate.
- : Work Safe PTW Certificate.
- : Welding Inspection Five Methods.
- : Maintenance of diesel engines & hydraulic systems.
- : Elementary Course for Piping System entails the following:
 - Hardy Cross technique to analyze the pipeline systems.
 - The phenomenon of water hammer.
 - Pipe drafting and design.
 - ASME B31-1-2004 Power piping.
 - P&ID "Piping & Instrument Drawing" & Design Criteria.
 - GA Drawing & SITE ARRANGEMENT CRITERIA.
 - Pipe Hangers & Supports & Caepipe piping stress analysis.
 - PDMS piping & Equipment design, Draft and Isodraft.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jul. 2016 till now
- Employer** : EMC
- Project** : Morgan 36 Rehab Project (oilfields located offshore in the Gulf of Suez, Egypt)
- Job title** : Mechanical / Piping Commissioning Engineer
- Job Description** :
- Carry out mechanical completion, pre-commissioning and commissioning of all the units, tankages and all interconnecting piping in association with Owner's operating personnel.
 - Checking for final re-instatement and create a Punch List.
 - Review nitrogen purge loops by system and wittiness for purging.
 - Supervise the hot tapping, Hydrostatic test and flushing for each system.
 - Responsible for technical solution for deviation from engineering.
 - Responsible for the leak test per each system.
 - Assist operating team on start up activity to achieve plant start-up.

- Dates** : From Jan. 2016 till Jul. 2016
- Employer** : ENPPI
- Project** : West Harbour Expansion Project (onshore)

Job title	:	Commissioning Engineer
Job Description	:	<ul style="list-style-type: none"> • Carry out mechanical completion, pre-commissioning and commissioning of all the units, tankages and all interconnecting piping in association with Owner's operating personnel. • Checking for final re-instatement and create a Punch List. • Review nitrogen purge loops by system and witness for purging. • Supervise the hot tapping, Hydrostatic test and flushing for each system. • Responsible for technical solution for deviation from engineering. • Responsible for the leak test per each system. • Assist operating team on start-up activity to achieve plant start-up.
Dates	:	From Feb. 2014 till Jan. 2016
Employer	:	<p>BASRA GAS COMPANY HIRED BY EMC EGYPT CO.</p> <p>Basra Gas Company is a 25-year incorporated Joint Venture between Iraq's South Gas Company holding 51% of its shares, Shell 44% and Mitsubishi Corporation 5%. The Joint Venture captures associated gas that is currently being flared from three oil fields in southern Iraq – Rumaila, West Qurna 1 and Zubair.</p>
Project	:	BASRA GAS Co. fields – IRAQ
Job title	:	Piping Engineer & Designer
Job Description	:	<ul style="list-style-type: none"> • Installation, commissioning and start-up two degassing stations. • Rehabilitation of five dehydration (TEG) units. The station has been out of service for long time and the client required to rehabilitate and start-up. • Working during several shutdowns for LPNE modifications. • Rehabilitation of gas compressor stations. The units have been out of service long time ago and the client asking to carry out rehabilitation enables reuse again. • Follow up Construction & Erection Work and prepare Fabrication Status Report. • Supervise material status according to isometric material list. • Prepare as-built drawing according site requirements. • Monitor all Piping construction activities with emphasis on quality, schedule and HSE. • Participate in inspection activities according to Inspection and Test plan (ITP) as required. • Follow up and ensure that all working environment requirements are fulfilled. • Supervise local inspectors in site team. • Monitor the receipt and storage of materials within the discipline. • Participate in audits/verifications as required. • Monitor work progress against plans and schedules and highlight areas of concern and possible corrective actions. • Ensure that Contractors personnel are qualified in accordance with project requirements. • Assist Contractor with discipline field engineering / construction details upon request or as required. • Interface with Piping discipline at EPC Contractor. • Ensure that systems and equipment are protected and preserved.

- Monitor and survey the pipe fabrication and testing.
- Review selected drawings and documents issued by EPC Contractor.
- Ensure that fabrication documentation is issued by Contractor in accordance with requirements.
- Ensure MC complete for handover to Commissioning.
- Design pipe routing for all different systems.
- Isometric preparing, measuring actual length for existing pipes, design model & extract data.
- Make final report including material takeoff.
- Preparation of nozzle orientation document.
- Coordinating of piping department with Structure & Equipment departments.
- Material Coordinator.

Dates : From Sep. 2010 till Feb. 2014

Employer : EVRMAC

Projects :

- Cairo West Thermal Power Station Combined Cycle 2x750MW
- El-Tebbin Thermal Power Station Combined Cycle
- Sidi Krir Thermal Power Station Combined Cycle
- El-Shabab Thermal Power Station Single Cycle (gas turbine)
- Damietta Thermal Power Station Single Cycle (gas turbine)
- Henkel Factory extension with UHDE Co.
- Angola two Thermal Power Station Single Cycle (gas turbine)
- Sokari Gold Mine extension

Job title : Piping Engineer & PDMS Instructor

Job Description :

- Design pipe routing for all different systems.
- Isometric preparing & measuring actual length for existing pipes design model & extract data.
- Design pipe support & take actual measuring to model existing supports.
- Make final report including material takeoff.
- Make final GA, PID Drawings for all different systems.
- Preparation of single line drawings for structure, platforms, bridges, supports, etc.
- Preparation of nozzle orientation document.
- 3D modeling design (P.D.M.S.).
- Coordinating of piping department with Structure & Equipment departments.
- Training Junior Engineers with AutoCAD, PDMS for Drafting Model review.

Dates : From May 2008 till Sep. 2010

Employer : Kahromica

Projects :

- Cairo West Thermal Power Station Combined Cycle 2x750MW
- Talkha Thermal Power Station Combined Cycle
- Ben Gazi Thermal Power Station Combined Cycle
- Belqas Sugar Factory extensions

Job title : Piping Construction Engineer

- Job Description** :
- Install critical and non critical piping for all different system "large bore".
 - Installation small-bore line critical and non-critical.
 - Prepare for hydrotest – supervise hydrotest.
 - Prepare weekly report progress.
 - Close all mechanical punch list items.
 - Make RFI (Request For Information).
 - Make SRN (Site Request Notice).
- Field of experience** :
- About 9 years of experience in Oil & Gas & power plants & different process based industries (mining & petrochemicals), handling mainly engineering technology, design, piping construction and commissioning.
 - Extensive supervisory & Man Management skill, able to communicate effectively and work well with multi-national work force.
 - Specialist in PDMS modelling.
 - Specialist in piping construction & commissioning.
 - Material Coordinator.
 - Act as a professional Instructor, training junior engineers with AutoCAD, PDMS for Drafting & Model review.
 - Thermal power plants & diesel engines & pumps & fans & duct work & construction of steel structure & piping design using PDMS.
 - Mechanical Engineer & PDMS Specialist with experience in piping design, layout, stress analysis, arrangements, including fabrication, erection and tie-ins.
 - Having awareness of human and project safety especially live gas works.
 - Having experience in piping construction including fabrication and erection.