

Holds a B. Sc. in Mechanical Power Engineering and has over 13 years of experience in Piping Design mainly in the offshore / onshore oil and gas industry.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 03/12/1977  
Gender : Male  
Marital Status : Married  
Residence : Heliopolis, Cairo

## EDUCATION

: B. Sc. in Mechanical Power Engineering, Ain Shams University, 2003

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet  
: PDMS  
: PDS  
: AUTOCAD (2004 up to 2015)  
: Micro station V7.1  
: SPR and Navisworks

## TRAINING COURSES AND CERTIFICATIONS

: ASME B 31.3 (ASME Certified).  
: PDMS (AVEVA Certified).  
: PDS (INTERGRAPH Certified).  
: Design and construction of piping systems (AUC Certified).  
: Problem solving and Decision making (Quick-Wins Certified).  
: Project Planning and Control Techniques (AUC Certified).  
: Management of Project Resources (AUC Certified).  
: SP3D (In-house Course) (Training).  
: SAESAR II 5.20 (In-house Course) (Training).  
: Material Engineering (In-house Course) (Training).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Apr. 2016 till now  
**Employer** : TKIS (Thyssen Krupp Industrial Solution)  
**Job Description** :

- Member of the Engineering team for the Projects that were executed at TKIS.
- Senior Piping Engineer for scope of work in the SIDPEC Project and CARGILL Project.

**Dates** : From May 2015 till Apr. 2016  
**Employer** : GUPCO (Gulf of Suez Petroleum Co.)  
**Job Description** :

- Member of the Engineering team for the Projects that were executed at Gupco Office/Site, Joint venture with British Petroleum (BP).
- Senior Piping Engineer for scope of work in the M-36 Platform (OFFSHORE) that is being executed in Cairo Office – Egypt.

**Dates** : From Nov. 2014 till Apr. 2015  
**Employer** : WORLEY PARSONS  
**Job Description** :

- Member of the Piping Design team for the Projects that were executed at WP office in Cairo, Egypt and at the various site locations related to the projects.
- Senior Piping Engineer III for WP scope of work in the RUMAITHA NORTH CO2 INJECTION PROJECT that is being executed in UAE, for Abu Dhabi Company for Onshore Oil Operations (ADCO).

**Dates** : From Nov. 2013 till Oct. 2014  
**Employer** : ENPPI (Engineering for the Petroleum and Process Industries)  
**Job Description** :

- Member of the Piping Design team for the Projects that were executed at ENPPI office in Cairo, EGYPT and at the various site locations related to the projects.
- Lead Piping Engineer for ENPPI scope of work in the Rehabilitation Project (REHAB). Ramadan 6 Platform (OFFSHORE) that is being executed in Ras Shuker, for Gulf of Suez Petroleum Co. (GUPCO) Joint venture with British Petroleum (BP) – Egypt.

**Dates** : From May 2013 till Sep. 2013  
**Employer** : CB&I Project Engineering & Construction (Formerly LUMMUS L.L.C.)  
**Job Description** :

- Member of the Piping Design Team. Projects are executed at CB&I LUMMUS L.L.C. office in Cairo, EGYPT.
- Senior Piping Design Engineer for Cairo office scope of work in the Langford Gas Conditioning Project (Basic and Detailed Engineering Project MOPEX) that is being executed in Langford, for Exxon Mobil Co. – Australia.

**Dates** : From Aug. 2011 till Feb. 2013  
**Employer** : CB&I Project Engineering & Construction (Formerly LUMMUS L.L.C.)  
**Job Description** :

- Member of the Piping Design Team. Projects are executed at CB&I LUMMUS L.L.C. office in Cairo, EGYPT.

- Senior Piping Design Engineer for Cairo office scope of work in the Cartagena Expansion Project (Detailed Engineering Project MOPEX) that is being executed in Cartagena, for REFICAR Co. - COLOMBIA.

**Dates** : From Oct. 2010 till Jul. 2011  
**Employer** : CB&I Project Engineering & Construction (Formerly LUMMUS L.L.C.)  
**Job Description** :

- Member of the Piping Design Team. Projects are executed at CB&I LUMMUS L.L.C. office in Cairo, EGYPT.
- Piping Design Engineer for Cairo office scope of work in the Elk Hills Gas Processing Facility Expansion Project (Basic and Detailed Engineering Project MOPEX) that is being executed in California, for Occidental Petroleum Corporation Co. – USA.

**Dates** : From Jun. 2010 till Oct. 2010  
**Employer** : CB&I Project Engineering & Construction (Formerly LUMMUS L.L.C.)  
**Job Description** :

- Member of the Piping Design Team. Projects are executed at CB&I LUMMUS L.L.C. office in Cairo, EGYPT.
- Material Quality Control Engineer for CB&I scope of work in the YLNG Upstream Project. That is being executed in Maarb, for YEMEN LNG Co. - Republic of YEMEN.

**Dates** : From Mar. 2010 till Jun. 2010  
**Employer** : CB&I Project Engineering & Construction (Formerly LUMMUS L.L.C.)  
**Job Description** :

- Member of the Piping Design Team. Projects are executed at CB&I LUMMUS L.L.C. office in Cairo, EGYPT.
- Material Quality Control Engineer for Cairo office scope of work in the GOSP AKAKUS Proposal Project (Material Control Project MOPEX) that is being executed in Libyan, for Akakus Oil Operation Co. - LIBYAN.

**Dates** : From Dec. 2009 till Mar. 2010  
**Employer** : CB&I Project Engineering & Construction (Formerly LUMMUS L.L.C.)  
**Job Description** :

- Member of the Piping Design Team. Projects are executed at CB&I LUMMUS L.L.C. office in Cairo, EGYPT.
- Piping Design Engineer for Cairo office scope of work in the Sokhna Port Basin 3 Liquid Terminal Project (FEED Engineering Project) that is being executed in Ain Sokhna, for Sokhna Oil tanking Terminal Co. (SOTCO) - EGYPT.

**Dates** : From Aug. 2009 till Nov. 2009  
**Employer** : CB&I Project Engineering & Construction (Formerly LUMMUS L.L.C.)  
**Job Description** :

- Member of the Piping Design Team. Projects are executed at CB&I LUMMUS L.L.C. office in Cairo, EGYPT.
- Construction Support Engineer for CB&I scope of work in the Cabinda Gas Plant Project (CGP). That is being executed in Cabinda, for Cabinda Gulf Oil Co. - Republic de Angola.

**Dates** : From Apr. 2009 till Jul. 2009  
**Employer** : CB&I Project Engineering & Construction (Formerly LUMMUS L.L.C.)

**Job Description** : 

- Member of the Piping Design Team. Projects are executed at CB&I LUMMUS L.L.C. office in Cairo, EGYPT.
- Material Quality Control Engineer for Hague office scope of work in the Shell HDS-6 Project that is being executed in Pernis, for Shell Netherland - Netherland.

**Dates** : From Oct. 2007 till Jan. 2009

**Employer** : CB&I Project Engineering & Construction (Formerly LUMMUS L.L.C.)

**Job Description** : 

- Member of the Piping Design Team. Projects are executed at CB&I LUMMUS L.L.C. office in Cairo, EGYPT.
- Piping Design Engineer for Cairo office scope of work in the Nagarjuna Project (Detailed Engineering Project MOPEX) that is being executed in CUDDALORE, for NOCL Co. - INDIA.

**Dates** : From May 2006 till Sep. 2007

**Employer** : CCC (Consolidated Contractor Company)

**Job Description** : 

- Member of the Technical Piping team for the Projects that were executed at CCC Sites in Saudi Arabia.
- Office Piping Engineer for CCC scope of work in the Hawiyah NGL Recovery Plant Project (HRNP). That is being executed in Hawiyah, for Aramco Co. – Saudi Arabia.

**Dates** : From May 2005 till Apr. 2006

**Employer** : ENPPI (Engineering for the Petroleum and Process Industries)

**Job Description** : 

- Member of the Piping Design team for the Projects that were executed at ENPPI office in Cairo, EGYPT and at the various site locations related to the projects.
- Piping Design Engineer for ENPPI scope of work in the Rehabilitation Project (REHAB) that is being executed in Ras Shoker, for Gulf of Suez Petroleum Co. (GUPCO) Joint venture with British Petroleum (BP) – Egypt.

**Dates** : From Dec. 2003 till Apr. 2005

**Employer** : MASTER (Engineering and Construction Company)

**Job title** : Piping Design Engineer

**Job Description** : 

- Member of the Piping Design team for the Projects that were executed at MASTER Company in Cairo, EGYPT.
- Piping Design Engineer to achieve Piping study, progress and prepare spray nozzles location plan drawings and fire water networks for Building and all fixed foam systems as well.
- Supervisor to construction progress.
- Calculation tank capacity and piping size.

**Field of experience** : 

- More than 13 years of experience in Oil and Gas Industries field including EPC of Oil Refineries, Gas Plants, Petrochemicals, LNG Plants and Offshore Projects.
- Highly experienced as a Piping Design Engineer working for PMC/EPC contracts.
- Experienced in using international regulations, codes used in the

- petroleum field (API, ASTM, ASME, ANSI, NACE, DIN ...).
- Experienced in preparing Piping Activities Estimated based on Scope like (CTR, Man-hours and Material Take off) for various project tenders.
  - Good awareness and implementation of the requirements of Aramco, Shell Dep, Exxon Mobil and British Petroleum specification.
  - Provide detail piping design of complex facilities and give guidance to a team of Designer/Draftsmen.
  - Perform work using PDMS (Professional), PDS (Professional) & SP3D (Training).
  - Develop and issue isometric drawings including pipe supports for construction using 3D Model.
  - Preparing complete design of piping general arrangement layouts and key plans using P&ID's and vendor data.
  - Develop and issue equipment orientation drawings including platforms and ladders regarding equipment location requirements for accessibility for operation, maintenance and other, with full awareness of flexibility and supporting requirements for the following equipment horizontal and vertical vessels, towers, compressors, horizontal and vertical pumps of different types, tanks, heat ex changers, air coolers, skids, heaters, etc...
  - Develop and issued layout of modules and hook up isometrics for construction and Material Handling reports.
  - Design Review for lines, equipment and structure in Navisworks, SPR & PDMS Reviews for completeness (routing feasibility and requirements of process and accessibility).
  - Reviewing, checking and coordination of supplier / vendor information and drawings.
  - Site verification on isometric Drawing & layouts for new lines/tie in's.
  - Review of engineering deliverable.
  - Technical evaluation of vendor bids for projects Equipment, piping, installation material ...etc.
  - Technical evaluation of installation contracts.
  - Coordinating development and fabrication of piping Isometrics for offshore installation.
  - Review Projects HSE documents such as safety Procedures, risk assessment, lifting plan & hot work Permits.
  - Monitor contractors activities (including HSE Performance) offshore.
  - Coordination of activities for providing material, required Documentation and support services during installation / Hook-up and commissioning phase.