

Holds a B. Sc. in Civil Engineering and has over 15 years of experience for Oil & Gas (Onshore and offshore topsides) Segments worked (Detailed engineering, Field engineering and management of change – MOC). Client experience include ARCTIC LNG, Yamal LNG, Saudi Aramco, BAPCO and ADMA-OPCO. Job site location experience includes China, KSA, UAE, Japan and Egypt.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Marital Status : Married
Residence : Currently China

EDUCATION

: B. Sc. in Civil Engineering, Ain Shams University, 2005

LANGUAGES

Arabic : Native Language
English : Excellent
French : Basics

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: Tekla Structures for Engineering review
: Staad Pro
: Staad Offshore
: Navisworks
: Lotus notes

TRAINING COURSES AND CERTIFICATIONS

: Technip IT Security Training, Technip (Oct. 2015): The Technip Global IT Security team has selected this strategic training to help change employee behavior in regards to information security and cyber-attacks. The objective of this e-learning is to educate employees on phishing, which is the use of fraudulent messages that request personal information or ask the recipient to click on an illegitimate hyperlink or attachment.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2019 till now
Employer : Technip
Project : ALNG2 Project - PJOE Yard, China
NOVATEK Arctic LNG 2 project - Execution phase of an LNG Plant with three liquefaction trains with a capacity of 6.6 mtpa of LNG each and at least 1.6 mtpa of stable gas condensate on gravity-based structures and onshore facilities, located in the Gydan Peninsula (Russian Federation).
Job title : Topsides Lead Yard Engineer
Job Description : Scope of work:

- Yard engineering and fabrication of six topside modules mounted on two GBSs with gross weight 10,700 MT each.
- Related activities include management of design change, management of BLM (block modules) detailed engineering, technical clarifications, commercial variations, deviations, production of redline markup drawing and as built drawings.

Dates : From Jun. 2018 till Nov. 2019
Employer : SEGAS LNG
Project : SEGAS LNG Plant - Damietta, Egypt
Job title : Civil Engineering Supervisor (HOD)

Dates : From Dec. 2014 till Feb. 2018
Employer : Technip
Project : Yamal LNG Project - PJOE Yard, China
YAMAL LNG is an integrated project encompassing natural gas production, liquefaction and shipping. The Project consists of construction of a liquefied natural gas (LNG) plant with an output capacity of around 16.5 million tons per year, using the South Tambey Field as a resource base. The field's proven and probable reserves, by PRMS standards, are estimated at 926 billion cubic meters.
Job title : Topsides Senior Yard Engineer
Job Description : Achievement: Modular pipe racks work package for 3 Trains formed of 33 PARs, SPPs & Hook up structures with gross dry weight up to 5800 ton delivered to site on time.

Dates : From Feb. 2012 till Nov. 2014
Employer : Global Process Systems - Dubai, UAE
Job title : Senior Structural Engineer

Dates : From Mar. 2008 till Dec. 2011
Employer : JGC – Yokohama, Japan / Al Khobar, KSA
Job title : Structural Engineer

Dates : From Mar. 2007 till Feb. 2008
Employer : Mammut Building Systems - Abu Dhabi, UAE

Job title : Estimation Structural Engineer
Dates : From Dec. 2005 till Mar. 2007
Employer : Zamil Steel - 6th of October, Egypt
Job title : Structural Engineer

FAMILIARITY WITH INDUSTRY CODES AND STANDARDS:

- AISC.
- API 2218.
- API RP2A WSD 2000.
- DNV.
- SNIP.
- ACI 318M-05/02.
- UBC97.
- IBC 2003.
- MBMA.
- ASCE 2002.
- SAES (Saudi Aramco Engineering Standards).
- ADMA-OPCO Engineering Standards.
- GOST.

- Field of experience** :
- Within EPC Contractor Company:
 - Yard Engineering:
 - ❖ Management of subcontractor detailed engineering scope of work (Topside Building modules).
 - ❖ Management of subcontractor fabrication scope of work (Topsides).
 - Weekly meeting with subcontractor ensuring level 4 schedule being adhered to.
 - Following requisitions leads obtaining vendor submittals.
 - Replying to field clarifications from yard.
 - Detailed Engineering:
 - ❖ Design of modular steel structures (Process modules, Modular Pipe racks.... etc.):
 - Design for in place condition.
 - Design for transportation condition (sea & land transport).
 - Design for lifting condition.
 - ❖ 3D model review.
 - ❖ Design of lifting arrangement (Slings, shackles, Spreader bam, Pad eyes).
 - ❖ Design of stick-built steel structures. (Pipe racks, equipment-supporting structures...etc.).
 - ❖ Single discipline (SDC) and inter-disciplinary (IDC) checks.
 - ❖ Verification of cost effective, safe and fit for purpose structural engineering design solutions Submitted by subcontractors.
 - ❖ Review of vendor's information.
 - ❖ Foundation loading data.
 - ❖ Weights & COG data for lifting in site & weight control sheets.
 - ❖ Checking deliverables (Calculation reports, Drawings, MTO).
 - ❖ Coordination with other engineering disciplines (piping, Static equipment, ...etc.).

- ❖ Coordination with procurement department for requisitions & Purchase orders.
- ❖ Response to client's inquiries & comments.
- ❖ Response to subcontractor's fabrication yard inquiries.
- ❖ Site Visits & Surveys.
- Within LNG Producer Company:
Management of Civil/Structural Engineering & Construction activities within SEGAS LNG Plant including:
 - Management of change:
 - ❖ Managing all PFCN's (Process and Facility Change Notice) submitted.
 - ❖ Managing Functional Clarifications Meetings.
 - ❖ Manage Issuance of the Conceptual Design Package (CDP).
 - ❖ Manage Issuance of the AFD (Approval for Design) package Defining Scope of work (SOW) and Scope of supply (SOS) after reviewing the CDP/PDP.
 - ❖ Identifying whether the new modification shall be subjected to a formal HAZOP study.
 - Management of contractors:
 - ❖ Manage requisitions issuance and technical review of bidder's submittals.
 - ❖ Manage technical documents submitted by contractor during detailed engineering.
 - ❖ Manage punch list and close out of contracts.
 - Support Operation and Maintenance departments for civil engineering matters.
 - Support HSE Scope related to Civil works (Work Permits, waste handling, access control).