

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 - 6<sup>th</sup> 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).