

Holds a B. Sc. in Mechanical Engineering and has over 4 years hands-on experience working in construction and commissioning.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 30/06/1991  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

## **EDUCATION**

: B. Sc. in Mechanical Engineering, 2015

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: AutoCAD 2D & 3D  
: Matlab  
: Inventor  
: Naviswork  
: UNICCS: Unified Construction to Commissioning System  
: GTP-JC: Great Tool for Piping – Joint Control

## **TRAINING COURSES AND CERTIFICATIONS**

: Trainings at Alexandria Iron and Steel (2011 & 2013).  
: Training at Petrogas (2014).  
: Lock-Out & Tag-out (LOTO).  
: PTW (PERMIT TO WORK).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jul. 2017 till now  
**Employer** : GS E&C  
**Project** : ERC Refinery, Mostorod  
**Job title** : Commissioning Engineer  
**Job Description** :

- Evaluation and Inspection of Construction Status for Plants Units.
- Preparing and Participate in All Pre-commissioning Procedures as Boxing Up, Water Flushing, Chemical Cleaning, Lube oil Flushing, Mechanical Run Test, Sensitive Leak Tests & service test.
- Establishment Punish listing, Walk down & line tracing.
- Follow up Hydro tests packages (Engineering Review, Test Review, Handling Sequences).
- Follow Systems Commissioning Priority Plan to confirm smooth Plant Start-up.
- Perform and supervise for All piping Pre-Commissioning Activities as Drying & Air Blowing.
- Perform and Flange Management procedure (Material check, Alignment, Torqueing, RF Checking, Flange Tags Color cards, History Sheets, Severity Assessment).
- Prepare, Perform and Supervise Filter Media Loading Activities.
- Establishment Material Control storing Program (Vessel Internals, Filter Elements, Control / Check Valves Internals).
- Preparation for Hydro-Test, Air-Blowing & Re-instatement packages.
- Utility units commissioning (RW, DW, WWT, BOILER, PLANT & INSTRUMENT AIR, NITROGEN, FIREWATER).
- P&ID Marking & checking.
- Commissioning Permit Receiving & issuing authority.
- Lock-Out & Tag-out LOTO.
- Soda Boiling.
- MRT (Mechanical Run Test) for pumps & compressors.
- Steam turbine Start-up & commissioning.
- Prepare equipment technical specification and data sheets.

**Dates** : From Jul. 2015 till Jul. 2017  
**Employer** : Intermaint Energy Co.  
**Project** : Al-Burullus 4800MW Combined Cycle Power Plant - SGT 5 - 8000H  
**Job title** : Construction & Commissioning Engineer  
**Job Description** :

- Prepare issued for construction drawings and schedules.
- Review erection manuals, Specifications, 3D model delivery schedules and P&ID design for All mechanical systems.
- Prepare project reporting systems (Progress - Daily, Weekly, Monthly).
- Prepare and review lifting plans for critical lifting activities.
- Prepare Mechanical Method Statements. Risk Assessments and Inspection Test Plan.
- Prepare and follow up technical reports Non-conformance reports (NCR), Request for Information (RFI). Site Observation Notice (SON) and coordinate with Construction and Engineering teams to find the solutions.

- Distribute and control all Engineering Deliverables Issued for Construction (IFC) Drawings to Site teams.
- Prepare Weld map, Welding books, Test Packages, Marked-Up P&ID and Check list for Piping and complete the final P&ID checks prior to turnover.
- Preparing punch list for construction team.