

Holds a B. Sc. in Mechatronics Engineering and has over 8 years' experience, including 2 years in combined cycle power plant commissioning, start-up and operation and 6 years in Oil & Gas Field Performing Mechanical Commissioning Activities, Supporting Process operations & Start-up.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 10/10/1993  
Gender : Male  
Residence : Alexandria

## **EDUCATION**

: B. Sc. in Mechatronics Engineering, Alexandria Higher Institute of Engineering and Technology, 2016

## **LANGUAGES**

Arabic : Native Language  
English : Fluent

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Power Point), Internet  
: Foxview, Foxdraw and wonder ware historian client  
: PDF Acrobat Reader Pro  
: C, Visual Basic programming languages

## **TRAINING COURSES AND CERTIFICATIONS**

: Bechtel & BP Hazard Training School:

- All required trainings for working at commissioning and operation.
- Full awareness of P&ID and isometric drawings.
- Full awareness of the BP's control of work (CoW) process and procedures.
- Full awareness of process isolation procedures.

: Material handling shop on Engine, Hydraulic, Brake and Transmission principles (1 month), Mantrac Egypt.

: Inventor basic design applications (2 weeks), Jelecom Egypt.

: Inventor advanced design applications (1 month), Jelecom Egypt.

# CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jul. 2021 till Sep. 2024  
**Employer** : Technip Energies  
**Project** : MIDOR Oil and Gas Refinery  
**Job title** : PC&C Piping Supervisor  
**Job Description** :

- Responsible for all Pre-Commissioning and Commissioning activities at (SRU) Sulphur recovery unit:
  - Line cleaning (Water flushing and passivation, Air blowing & Steam Blowing).
  - Performing WT (walk through) after Construction completion with client.
  - Clearing punch items and Reinstatement.
  - Achieving Mechanical Completion (MC) for all unit systems.
  - Purging and drying.
  - Leak tests.
  - Achieving Ready for start-up (RFSU) for all unit systems.
  - Amine Degreasing.
  - Catalyst Loading.
  - Dry-Out.
  - Boil-Out.
- Performing WT (walk through) during general shut down to confirm isolation and LOTO in place.
- Performing Check-in for Tie-Ins and gas test to allow construction to start activities.
- Performing Check-Out for Tie-Ins to make it ready for commissioning.
- Performing commissioning activities on new skid (LPG Treatment):
  - WT (walk through) with the client and QC (Third party) for mechanical completion.
  - MRT (Mechanical run test).
  - GLT (Gross leak test).
- Follow up construction activities:
  - Grinding, Welding, Lifting, etc.
  - Update Planning Dept. with welding and erection weekly progress.

**Dates** : From Jun. 2018 till Jun. 2021  
**Employer** : BP  
**Project** : IDKU GAS PLANT (WND) WEST NILE DELTA  
**Job title** : Mechanical Commissioning Technician  
**Job Description** :

- Competent with the permit-to-work system and the energy isolation philosophy, certified performing and process isolating authority (Ops IsAP and PA).
- Execute all Mechanical / Piping pre-commissioning, commissioning and start-up activities for systems and sub-systems. This includes preparatory activities, coordinating resources (technicians, equipment, and other parties).
- Successfully handed over all the pieces of equipment to operations team.
- Familiar with common process systems in oil & gas such as pumps, separators, heaters, valves and compressors.

- Witness all mechanical completion with the construction and assist to verify all punch lists.
- Perform all preservation activities.
- Perform Commissioning for Mechanical Equipment including:
  - Oil Flushing for Mechanical equipment (Pumps, Compressors, Skid Units).
  - Final Alignment for Pumps & Air coolers.
  - Starting up the Equipment and Perform Solo Run & Load Run such as (Motors, Pumps, Cooler fans) and following up the Vibration & Temperature Readings.
- Piping and static equipment Commissioning including:
  - Inspection for the Internals of the piping using borescope.
  - Flushing using (water, oil & Hot oil).
  - Blowing.
- Responsible for leading the parent pipe inspection on E-20/28 during the corrosion repair scope under QAQC instructions using:
  - Small bore and large bore piping borescope.
  - Dye penetrant inspection (DPI).
  - Positive material identification (PMI).
- Responsible for leading the Chemical Package start-up:
  - Running all the injection pumps.
  - Resolving all the problems on the skid with the Engineering and the Vendor.

**Dates** : From Jun. 2016 till May 2018  
**Employer** : TECHINT Engineering & Construction  
**Project** : AL-SHABAB COMBINED CYCLE POWER PLANT  
**Job title** : Operation Engineer  
**Job Description** : 
 

- Pre-commissioning and hydro test activities.
- Commissioning activities (loop check, function check...).
- Support start-up activities and tests.
- Shift Charge Engineer and responsible for Balance of Plant (BOP).