

Holds a B. Sc. in Chemistry and has more than 10 years experience in Oil & Gas, Power and Water & Wastewater pre-commissioning, commissioning, operations and maintenance. Including investigating problems, diagnosing and repairing faults, troubleshooting, liaising with installation/project engineers, supervising engineering and technical staff, writing reports and documentation and providing technical support.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 01/07/1986  
Gender : Male  
Marital Status : Single  
Residence : Currently Vietnam

## **EDUCATION**

: B. Sc. in Chemistry, El-Minia University, 2008

## **LANGUAGES**

Arabic : Native Language  
English : Excellent  
French : Basics  
Vietnamese : Basics

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Power Point), Internet  
: MS Project 2010  
: Primavera P6  
: SIMPOS  
: CMMS  
: MARK VI-e  
: DCS Operations  
: HYSYS

## **TRAINING COURSES AND CERTIFICATIONS**

: Chemical engineering laboratory training, El-Minia University (2005).  
: Waste water treatment plant operations, Nile Co. for pharmacy and chemical industry (2006).

- : Operations department (prevent corrosion unit), Gulf of Suez Petroleum Co. (2007).
- : O&M of Condenser Vacuum pump training – NASH, A Gardener Denver Product, Upper Egypt Electricity Production Co. (2009).
- : PTW/LOTO PERMITS RECEIVER CERTIFICATE, ARABIAN BEMCO CO., KSA (2010).
- : PTW/LOTO PERMITS RECEIVER CERTIFICATE, HYUNDAI HEAVY INDUSTRIES CO. LTD (2012).
- : OSHA Academy - USA 30-Hours General Industry, EHS ACADEMY EGYPT (NASP USA partner), Egypt (2014).
- : OSHA Academy - USA 30-Hours Construction Industry, EHS ACADEMY EGYPT (NASP USA partner), Egypt (2014).
- : Train the Trainer Certificate, GP Strategies Corp. UK – Vietnam (2016).
- : Scouts:
  - Egyptian Company for iron and steel production, Helwan.
  - Edfu paper manufacture factory, Qena.
  - El-Minia cement factory.

## CHRONOLOGICAL EXPERIENCE RECORD

<b>Dates</b>	: From Jan. 2015 till now
<b>Employer</b>	: Nghi Son Refinery and Petrochemical Limited Liability Company (NSRP)
<b>Project</b>	: Nghi Son Refinery and Petrochemical Project, Vietnam (UNITS: Boilers - Gas Turbine GE Frame 6B - HRSG - Steam Turbine Generator - Flue gas desulphurization FGD - LPG systems - Nitrogen Plant - Air Plant - Effluent treatment plant ETP - Demineralization - water, Wastewater treatment plants)
<b>Job title</b>	: Operations Advisor
<b>Job Description</b>	: <ul style="list-style-type: none"> <li>• Implement effective safety activities required in Operations division in cooperation with HSE Division, Maintenance Division and Technical Division in order to prevent or minimize the impact of incidents or troubles.</li> <li>• Check and confirm safety, integrity and operability of equipment and facilities through daily inspection at site and monitoring process data. If defect or insufficiency is detected, correct or improve it in cooperation with Maintenance Division and Technical Division.</li> <li>• Operate and control certainly and correctly the plans and facilities during normal operation by fully understanding and in accordance with the latest operation procedures.</li> <li>• Identify the non-routine operation, organize suitable execution scheme and establish methodology for the non- routine operation including, but not limited to, preparation and approval of procedure, execution and evaluation. Then follow exactly above methods.</li> <li>• Develop, approve, revise and maintain right and easy-to-use procedures for routine plant operations in whole refinery including but not limited to (Normal operation, Start-up operation, Shutdown operation, Emergency operation).</li> <li>• Generate and approve procedures for non-routine operations as necessary.</li> <li>• Carry out maintenance preparation work, confirm all the safety aspects by following "Permit to Work" procedure, and hand-over the equipment</li> </ul>

or unit to Maintenance Division.

- Appoint personnel properly required for safe and stable operation of the refinery and foster their competences.
- Check and confirm operation status, equipment, and facilities in the plant site all the time and detect any problems.
- Make continue or shutdown decision properly considering the worst-case scenario if the process ran into abnormal situation.
- Whenever any abnormal situation or status is perceived, or whoever becomes unable to make clear judgement during action, stop, look at the situation, and consult with the relevant person in order to take right responses or measures (Stop Look).
- Comply strictly with all the relevant rules and regulations.
- Monitor carefully product data and operation data and status related to product quality and take suitable measures in order to meet required product specification.
- Monitor carefully operation data and status related to environment and take suitable measures in order to meet environmental regulation and requirement.
- Produce each required amount of product in accordance with production plan provided by Supply and Logistic section.
- Develop rules or systems for change management and ensure to put it into practice including any minor change.

<b>Dates</b>	:	From Jan. 2014 till Oct. 2014
<b>Employer</b>	:	Orascom Construction Industries (OCI)
<b>Project</b>	:	BAIJI Power Plant (Baiji Refinery), Iraq (UNITS: Power plant and related auxiliaries, SIEMENS Gas Turbine, Fuel Unloading, Fuel forwarding, Crude oil treatment, water and Wastewater treatment plants)
<b>Job title</b>	:	Commissioning Coordinator
<b>Job Description</b>	:	<ul style="list-style-type: none"><li>• Coordinate the commissioning activities (Mechanical, electrical and I&amp;C) for GTG area, and BOP area.</li><li>• Assist with preparing commissioning schedule, developing primary turnover system creation, preparing commissioning resource plan.</li><li>• Developing familiarization training program for the Iraqi's local operators and confirm their ability and performance to operate the plant units in safe manner.</li><li>• Develop assessments for the Iraqi operators, analyze training needs and develop training materials to suite their abilities (language conflicts).</li><li>• Develop the PTW (Permit to Work) system for of the project based of (SIEMENS) strategy including Commissioning LOTO registers.</li><li>• Perform chemical analytical tests on various process flows. Monitor process flows, chemical balance and temperatures and maintain them in the desired range. Take corrective action as required when these tests are out of parameter.</li><li>• Monitor and report commissioning progress on a regular basis.</li><li>• Direct contact person for re-scheduling the delayed commissioning activities due to security issues.</li><li>• Work Shoulder-to-shoulder with the planning department to follow up and update the project schedules.</li><li>• Ensuring daily operation guideline are issued and executed with</li></ul>

operating crews.

- Provide timely communication of equipment maintenance requirements and utilizing the work order system to identify predictive and corrective maintenance activities.

**Dates** : From Apr. 2010 till Dec. 2013  
**Employer** : MT Enterprises Services Co.  
**Projects** :

- Qurayyah Power Plant (Eastern Province), Saudi Electricity Company - Saudi Arabia
- PP11 IPP, Power Plant for Dhuruma Electricity Company, Riyadh - Saudi Arabia
- PP10 Project for Saudi Electricity Company, Riyadh - Saudi Arabia (UNITS: Gas Turbine (GE Frame 7EA, 7FA, 7FA S-series) – HRSGs – STGs – Water Treatment – Water desalination – Gas Processing unit)

**Job title** : Commissioning Operation Engineer  
**Job Description** :

- Leading the operation team, coordinate the work tasks with the other departments (construction and commissioning) for Power block GTG area, and BOP area.
- Start-up and shutdown the plant as per the client request to back-up the Saudi national grid shortage.
- Monitoring the performance of staff and operational support contract staff to ensure optimum delivery from the plant.
- Planning, scheduling and following-up the preventive maintenance during commissioning operation period.
- Analyze and propose re-resolution on operational issues and concerns defects and alarms reports.
- On-Job trainer for the Saudi local operator and evaluate their ability to operations hand-over.
- Leading operation team during the commissioning operation GT/HRSG/STG and BOP.
- Report and correct unsafe conditions or hazards to the Operations Manager.
- Assist Start-up Engineers during the commissioning phase ensuring proper and safe operation of the equipment.

**Dates** : From Jan. 2009 till Mar. 2010  
**Employer** : Upper Egypt Electricity Production Company (UEEPC)  
**Project** : EL-KUREIMAT III 750MW Combined Cycle Project, Egypt (UNITS: Gas Turbine Frame GE 9FA with CMI #2 HRSG and ALSTOM STG plus water treatment)  
**Job title** : Operation Engineer  
**Job Description** :

- Power Plant (Local and Panel Operator), responsible for start-up, monitoring and shutdown GTG / HRSG / STG as per the Egyptian National Grid.
- Water Wash System Procedure online (the compressor) and off line (the compressor and the turbine) for the GTG.
- Lock-out & Tag-out for chemical, mechanical and electrical equipment's.
- Perform routine predictive, preventive, and basic corrective maintenance in accordance with technical manual procedures.

Skills:

- Team Management.
- Time management.
- Shutdown Planning.
- Technical Training.
- Procedure Development.
- Adaptability.
- Root cause analysis (RCA).
- Condition Monitoring.