

Holds a Bachelor of Chemical Engineering and has over 3 years hands-on experience working in his field of education.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 06/11/1990
Gender : Male
Marital Status : Single
Residence : Giza, Cairo

EDUCATION

: Bachelor of Chemical Engineering, Cairo University, 2012

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: MS Visio
: MS Project
: AutoCAD P&ID
: ROSA of DOW

TRAINING COURSES AND CERTIFICATIONS

- : Project Management Professional (Jul. 2018), with Eng. Mohamed O. Raslan – a certified Instructor form PMI.
- : Participant in the project management workshop (IMPACT) organized by STP (the leading student activity in the Faculty of Engineering, Cairo University) (2009).
- : Trainings at:
 - Cairo Oil Refining Company (two weeks) (Sep. 2010).
 - Agiba Petroleum Company (two weeks) (Aug. 2010).
 - Suez Oil Refining Company (one day field visiting) (Oct. 2009).
 - Lab training at Faculty of Engineering, Cairo University (Jul. 2009).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jul. 2015 till now
- Employer** : Engineering Solutions Group (ENSOL)
- Job Description** :
- Waste water treatment plant using RBC - contracting with Petrojet & Sonker (Project Engineer):
 - Identify the specific needs of the client and select appropriate technologies.
 - Supervise lab or pilot testing, as required, to define the required treatment chain.
 - Prepare the design criteria according to the requirements.
 - Prepare the proposal defining the treatment chain, flow sheet development, equipment sizing, layout requirements, and capital and operating cost projections.
 - Propose implementation methods and construction steps for the project.
 - Create the work breakdown structure (WBS) for all the project requirements.
 - Prepare time schedule for final designs, purchasing equipment, execution, installation, commissioning and start-up using time planning techniques like (Gantt chart).
 - Provide construction management including cost control and time schedule reviews.
 - Participate in facility start-ups, operators training, and process and equipment troubleshooting.
 - Perform operations evaluations.
 - Operation Shift Leader Engineer:
 - Plan, lead, organize and coordinate activities involving chemical cleaning.
 - Inspect work areas to determine optimum service line, time, manpower and equipment needs for project completion.
 - Train employees in the safe and proper execution of assigned duties.
 - Ensure accurate/timely completion of chemical process, customer/regulatory paperwork requirements.
 - Projects:
 - ❖ Assiut Power Station (1500MW) (from Sep. 2017 till Feb. 2018):
 - 8 HRSG boilers chemical cleaning.
 - Contracting with Orascom constructions and GE.
 - ❖ South Helwan Power Station (1950MW) (from Mar. 2018 till Apr. 2018):
 - Feed and Condensate lines chemical cleaning CP-118.
 - Contracting with Techint (an Italian / Argentinian Corporate).
 - Operation Shift Engineer:
 - Operate, maintain and troubleshoot Chemical Cleaning equipment.
 - Ensure safe working conditions and compliance with health and safety legislation.
 - Projects:

- ❖ Al-Shabab - Ismailia Power Station (1500MW) (Jun./Jul. 2017):
 - Feed and Condensate lines chemical cleaning CP-118.
 - Contracting with Techint (an Italian / Argentinian Corporate).
- ❖ Suez Thermal Power Station (1500MW) (Feb./Mar. 2016):
 - Feed and Condensate lines chemical cleaning CP-118.
 - Contracting with Initech (an Italian Corporate).
- Start-up Engineer:
 - Responsible for full system integration in order to meet the system's specification on time of delivery.
 - Evaluate system quality, performance and configuration issues. Resolve problems. Provide on-site production technical support, equipment operation, repair, maintenance, and upgrade.
 - Perform operational tests, calibrations, verification and troubleshooting of equipment.
 - Projects:
 - ❖ K.C.G textile (Mar./Apr. 2017): Industrial waste water treatment plant – 1200 m3/day.
 - ❖ Dakahlia for sugar (Aug. 2017): Water softening station – 2800 m3/day.
- Technical Office Engineer:
 - Design various water treatment processes for sea water, brackish water, industrial waste water and sewage waste water including R.O and MBR.
 - Develop relationships with external suppliers for the purpose of specifying a process or equipment, in Egypt or worldwide like USA, UK, China and Saudi Arabia.
 - Site visits for process inspection and evaluation.
 - Process optimization / Recommend improved process modifications for customers, showing how changes will lower costs or increase production.
 - Case studies:
 - ❖ Increasing condensate return in steam boilers for saving water, fuel and chemicals.
 - ❖ Increasing water quality for saving boilers fuel consumption. (Savola – Suez).

Dates : From Jan. 2015 till Apr. 2015

Employer : Houseman Egypt for water treatment

Job title : Field Service Engineer

Job Description :

- Carry out site visits.
- Supervise applying water treatment programs for (boilers, steam generators, cooling towers, chilled water systems).
- Take all possible corrective actions and provide all necessary technical support for clients.