

Holds a B. Sc. in Chemical Engineering and a Sanitary and Environmental Engineering Diploma. Has over 5 years hands-on experience working in HSE field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 24/09/1990
Gender : Male
Marital Status : Single
Residence : Maadi, Cairo

EDUCATION

: B. Sc. in Chemical Engineering, Cairo University, 2012
: Sanitary and Environmental Engineering Diploma, Cairo University, 2017

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Aspen Hysis

TRAINING COURSES AND CERTIFICATIONS

: NEBOSH IGC (Feb. 2018).
: NASP (Feb. 2018).
: Crosby Lifting (Jan. 2018).
: Lifting & Rigging (Petrolift) (Aug. 2017).
: IOSH (Jul. 2017).
: ISO 14001 (Jun. 2017).
: OSHA General & Construction (May 2017).
: AERMOD Dispersion Modeling (Apr. 2013).
: Simulation Training Course using VMGSim Software (Jan. 2012).
: ICDL Course (Aug. 2011).
: Introductory Course on Steady-State Simulation using Aspen Hysis (Feb. 2011).

- : Introduction to Microsoft Excel with Applications in Chemical Engineering (Jul. 2010).
- : Trainings at:
 - Misr Fertilizers Production Company (MOPCO) (Jul. 2011).
 - Egyptian Natural Gas Holding Company (EGAS) (Sep. 2010).
 - Petroleum Pipe Line Co. (Jun. 2010).
 - The Egyptian General Petroleum Corporation (EGPC) (Jun. 2009).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Apr. 2017 till now
- Employer** : Orascom Construction JV GE
- Project** : Assiut Combined Cycle Power Plant 1500MW
- Job title** : Health, Safety & Environmental Coordinator
- Job Description** :
- Assisting in the implementation of the company's Environment, Health and Safety policies and procedures.
 - Training supervisors, contractors and workers in the field of environment, health, fire prevention and safety.
 - Prepare weekly & monthly HSE statics report.
 - Increased Safety Awareness through regular and weekly mass tool box talk meeting.
 - Conduct investigation for near miss cases, dangerous occurrence and reportable incidents and recommend appropriate corrective measures.
 - Conduct weekly inspection of facilities, regular emergency drills and exercises as per schedule.
 - Prepare of JSA, risk assessment, incident accident reports.
 - Installation of fire extinguishers and other fire controlling methods at strategic locations in site & its regular inspection and maintenance.
 - Identify unsafe conditions/acts and provides an advisory role on safe working methods.
 - Reviewing of work permits issued for the day.
 - Participate in regular inspection and checking of safety practices and precautions.
 - Preparing ESAP, ESMP and lender performance Reports for World Bank as it's the lender for the Project.
 - Assure Compliance with IFC Standard, Coordinating Lender's Consultant Meeting visits and requirement.
 - Solid Waste Management Plan, Water and Wastewater Management Plan, Hazardous Waste Management Plan, Air Quality, Noise and Heat Stress Monitoring plans.
 - Assure that Safety standards are applied in site, Assure Compliance with OHSAS 18001, Assure Compliance with ISO 14001, Assure Compliance with law No. 12 for year 2003 Labor Law.
 - Perform Risk assessment for various activities, Update statistics, Accident and incident investigation.
 - Conduct HSE induction training, Conduct audits and inspection to the work place to keep it proactive in controlling risks and hazards in the work place.

- Dates** : From Sep. 2014 till Apr. 2017
- Employer** : Khatib & Alami (K&A)
- Projects** :
- Qahma Sewage Treatment Plant
 - Bareq Sewage Treatment Plant
 - Birk Sewage Treatment Plant (Wastewater treatment Plant of 10,000 m³/day capacity technology used based on Activated sludge, clarification, Sand filtration, and then disinfection using chlorine)
 - Maraba Water Treatment Plant (Drinking water Plant of 50,000 m³/day capacity, technology used based on Lamella settler, Multimedia Filtration, R.O, and then disinfection using chlorine)
 - Treatment plant inside housing Project (Plant of 1000 m³/day capacity technology based on MBR (Membrane Bio Reactor, R.O and Disinfection)
 - Al Shaaf Sewage treatment plant, project has been designed by K&A and it's in construction stage and we are performing design review to the contractor (it's Sewage Treatment Plant located in KSA, its capacity is 25000 m³ per day, Technology based on Aeration, Anoxic, MBR (membrane bioreactor), and R.O used to meet required treated water quality of SWWC to decrease TDS till (75-100 ppm)
 - EIA for 4 Wastewater Treatment Plant
 - Septicity Study
- Job title** : Environmental Engineer (Water and Wastewater Treatment Department)
- Job Description** :
- Reporting and Making Proposals and BDR (Pre-Design Report):
 - Zero liquid Discharge Proposal.
 - Zero Emissions Proposals.
 - PDR is made to explain many alternatives of technologies that can be used and evaluate each technology according to client inquiries according to water quality required and area available also according to its capital and operating cost.
 - Technology selection.
 - Plant Design and site arrangements.
 - Design Hydraulic profile, calculate head loss and preparing pump data sheet.
 - Design Internal water network.
 - Design Internal site drainage network.
 - Design interconnecting pipeline network.
 - Project management (prepare time schedule, follow up all other disciplines and reporting).
 - Coordination between all disciplines and holding all needed meetings.
- Dates** : From Mar. 2013 till Sep. 2014
- Employer** : Envi-Globe for Environmental and Energy Consultants
- Projects** :
- Shell Fuel station Site investigation
 - Exxon Mobile Site investigation
 - IRRC (Integrated Recovery Centre)
 - El Khsos Transfer Station
 - Environmental register for Arma Oils
 - Technical Study for Energy to Waste Co-generation
 - EIA for Egyptian Company For Lead Batteries
 - EIA for El Arabya for Card box

- Environmental register for Arma Oils
- Environmental register for Arma Detergents
- EIA form B for Arma to add two units of pasteurization and packing units to margarine production
- EIA for Mineral and salts
- Technical Study for Energy to Waste Co-generation
- Feasibility Study & Compliance Action Plan and EIA for Pachin Company for Paints
- Feasibility Study & Compliance Action Plan for 6 Brick's factories in Desouq
- UNIDO Energy Saving Projects

Job title : Environmental Engineer

Job Description :

- Assisting consultant in studying offer, comparing submittal to technical specs.
- Assisting consultant in supervision of projects.
- Site visits, Reporting and making studies and analysis for sites.