

Holds a B. Sc. in Chemical Engineering, a Sanitary and Environmental Engineering Diploma and a Health and Safety Higher Diploma. Has over 10 years 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
- : Health and Safety Higher Diploma, Tebbin Institute for Metallurgical Studies, 2021
- : Master in Occupational Safety (in progress), Tebbin Institute, Helwan (Jul. 2023 – Jul. 2024)

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

- : Fire Protection Systems Design (Mar. 2023): The course is designed to provide an in-depth understanding of various fire protection systems, including sprinkler system, standpipe system, foam system, fire pump room, CO system, FM200 system, and fire alarm systems. The course covers the design, installation and maintenance of these systems, as well as the codes and standards governing their use.
- : Essentials Skills for Safety Practitioners (2023).
- : Management of Change (MOC) (2023).
- : The Value of effective management system (2023).
- : Emergency & Crisis Management (2023).

- : Managing organizational risk (2023).
- : Thinking strategically as Manager (2023).
- : Senior Professional in Human Resource: Safety & Health (2023).
- : Psychological Safety: Building a Culture of Inclusion and Innovation (2023).
- : ISO 14001 Lead Auditor (Jun. 2019).
- : ISO 45001 Lead Auditor (May 2019).
- : NEBOSH IGC (Aug. 2018).
- : NASP (May 2019).
- : Crosby Lifting (Jan. 2018).
- : Lifting & Rigging (Petrolift) (Aug. 2017).
- : IOSH (Apr. 2017).
- : LOTO (Jun. 2017).
- : ISO 14001 (Jun. 2017).
- : OSHA General & Construction (May 2017).
- : First Aid (May 2017).
- : Fire Marshal (May 2017).
- : Air Dispersion Model (Aug. 2013).
- : Simulation Training Course using VMGSim Software (Jan. 2012).
- : ICDL Course (Aug. 2011).
- : Introductory Course on Steady-State Simulation using Aspen Hysys (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 Dec. 2022 till now
Employer	:	ZEPPELIN Systems GmbH, Abu Dhabi
Project	:	BOROUGE 4 (ADNOC - Borealis) Revamp - a new polyolefins complex being built in Ruwais by major shareholders ADNOC and Borealis
Job title	:	HSE Engineer
Job Description	:	<ul style="list-style-type: none"> • Prepare QHSE documentation for projects as per ADNOC – TECNIMONT requirement. • Develop, facilitate and review QHSE JSA, NCR/Root Cause Analysis for routine and non-routine activities the operations team. • Ensure that the PTW system is utilized effectively and is fully populated with all data required for safety compliance. • Manage and coordinate all permit issuance in line with the site safety requirements, monitor all permits issued on a daily basis to maintain a safe and compliant way of working. • Record QHSE key performance indicators on a weekly, monthly basis and issue reports as necessary.

- Ensure proper and sufficient internal and external training provided for all personnel according to ADNOC requirement.
- Ensure proper coverage of Fire watcher, HSE personnel, Entry guard for relevant activities.
- Maintain, Update Third party inspection certificates and calibration as required. Maintain, Update training log for all personnel.
- Keep up to date with legislation changes and share knowledge.
- Carry out JSA for the various operations and ensure that controls are effectively applied to minimize all risks.
- Ensure tools in use in site are properly handled, stored and labelled in accordance with ADNOC requirement.
- Assist with the implementing systems for: HSE Monthly Meetings / Toolbox Talks / Alerts & Bulletins Monitor & record HSE statistics, Site Inspections / Tours Emergency plans, procedures and drills Facilities and equipment maintenance.
- Prepare and conduct WPS worker protection standard, Camp Audit, Internal welfare meetings.
- Compliance with HSE best practice guidance.
- Permit to Work.
- Driving management.
- Equipment Integrity.
- Waste Management.
- Carry out accident investigation.

Dates	:	From Mar. 2020 till Dec. 2022
Employer	:	EPROM
Project	:	Revamp of Middle East Oil Refinery (MIDOR)
Job title	:	HSE Coordinator
Job Description	:	<ul style="list-style-type: none"> • Following up & supervise for new revamp projects Construction and upgrade of existing facilities happened in Middle east oil Refinery by TECHNIP Company in Utility, hydrocracker, CCR, SRU, Amine, WWT, Coker units & offsite. • Ensure that the PTW system is utilized effectively and is fully populated with all data required for safety compliance. • Manage and coordinate all permit issuance in line with the site safety requirements, monitor all permits issued on a daily basis to maintain a safe and compliant way of working. • Manage the control / issue of padlocks, gas monitors and other equipment required as part of the Permit to Work in line with site SSOW. Specify or carry out any isolation, venting, draining, flushing, purging and dissipation of stored energy to allow work to be carried out safely as detailed in site Procedures. • Assisting the Area Authority, Issuing Authority and Performing Authority (AA, IA & PA) in the execution of their PTW duties when requested. • Carry out daily audits of the PTW system and provide a quality check on compliance with company policy. • Ensuring that new staff are registered in the PTW register at the appropriate level. Ensuring that contractors and sub-contractors working in MIDOR expansion during construction phase are in consistent with all applicable HSE laws whether international, regional, or local. • Review all construction works and giving advice for any deviation of rules

and safety standards.

- Review designs for new projects and upgrade of existing facilities for compliance with company safety standards and good industry practices.
- Review contract documents and giving comments and safety advice for the projects.
- Review all construction works (brown/red/green areas) and giving advice for any deviation of rules and safety standards beside refinery activities.
- Monitor & Technical Advisor for any activities, its aspects, its impacts, risk assessment preparation.
- Provide feedback and recommendations to management teams as part of the continual improvement process.
- Deliver monthly, quarterly and annual Safety and performance reports.

Dates : From Jan. 2019 till Mar. 2020
Employer : GENVIRO, Cairo
Job title : HSE Manager
Job Description :

- Maintain HSE Procedures and related form such (HSE Plan, Accident/Incident Procedure, Control of Subcontractor Procedure, Risk Assessment Procedure, Inspection Procedure, regulatory tracking, Environmental Aspect/Impact).
- Collecting Data and analyze them for all projects and perform presentation for Top management and the owner of the Group.
- Coordinate and control the implementation of the safety approach.

Dates : From May 2017 till Jan. 2019
Employer : Orascom Construction JV GE
Project : New Assiut Combined Cycle Power Plant 1500MW
Job title : HSE Coordinator
Job Description :

- Assure Compliance with IFC Standard, Coordinating Lender's Consultant Meeting visits and requirement, Assure that Safety standards are applied in site, Assure Compliance with OHSAS 18001, Implement health, safety and environment plan and emergency plan according the HSE policy and objectives, Assist all departments in implementation of H&S compliance, Apply the site Health & Safety, Environment rules, instructions and procedures, Observe work in progress, ensures that proper safety equipment is used and procedures are followed, Apply and follows up on the subcontractor prevention plan, Attends pre-job safety meeting on special jobs (Confined space – Working at height – Hot work), Follows up on isolation procedure implementation with regular auditing, Assists on updating the Risk assessment, Checks and maintain safety signs in good condition, Inspects the workshop equipment (Drilling machines - Grinders - Discs.....), Checks and organizes the (Laboratory - Combustible Materials) stores depend on hazards, Checks safety equipment (Daily-Monthly) and submit monthly inspection report, 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.
- Preparing ESAP, ESMP and lender performance Reports for World Bank as it's the lender for the Project, Solid Waste Management Plan, Water

and Wastewater Management Plan, Hazardous Waste Management Plan, Air Quality, Noise and Heat Stress Monitoring plans.

- Dates** : From Oct. 2014 till May 2017
- Employer** : Khatib & Alami (K&A), Cairo
- 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 & Wastewater Treatment Dept.)
- 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, Cairo
- 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 : HSE Engineer

- Job Description** :
- Environmental & Social Studies / Impact Assessments.
 - Environmental Audits.
 - Compliance Action Plans.
 - Dispersion Modelling Studies.
 - Quantitative and Hazardous Risk Assessment.
 - Clean Development Mechanism Services.
 - Pollution Prevention and Abatement.
 - Soil Assessment and Remediation Services.
 - Public Consultation.
 - Social Development.
 - Environmental Management Systems.

Skills:

- Hazard Identification.
- Risk Assessment.
- Gas Testing.
- Environmental Impact Assessment.
- Site Inspection.
- Chemical handling.
- Solid waste management.
- Wastewater management.
- Hazardous waste management.
- Medical waste management.
- Air quality dispersion modeling.
- Noise measurement.
- Reporting.