

Holds a B. Sc. in Chemistry & Botany and a Diploma in Biochemistry. Has about 13 years hands-on experience working as Chemist and HSE Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 12/08/1982
Gender : Male
Marital Status : Married
Residence : Port Said

EDUCATION

: B. Sc. in Chemistry & Botany, Mansoura University, 2004
: Diploma in Biochemistry, 2008

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Gained a LEEA accredited training course in Banksman / lifting and slinging.
- : Auditor / Lead Auditor ISO 45001:2018 certification.
- : Gained the Program of Occupational Safety & Health (Safety Specialist) from National Institute of occupational safety and health (NIOSH) from the Ministry of Manpower.
- : Gained the First Aid Program from Egyptian Red Crescent.
- : Certificate from Arab Academy for Science, Technology & Maritime Transport in Occupational Health and Safety for General Industry in accordance to OSHA Standards.
- : OSHA certifications (Occupational Safety & Health Administration) in:
 - General industry (OSHA 1910).
 - Construction (OSHA 1926) (May/Jun. 2007 (Trainer: Wagdi Seffain).
- : 3 months training in Misr for oils, soaps and chemicals industries (Mansoura) (from 7/2004 to 10/2004) work as Process Chemist.
- : Firefighting one week in civil defense administration (2008 & 2013).
- : Effective communication skills course (AUC) (2008).

- : Polymer industries training in TCI Sanmar Group for 10 months.
- : First Aid course (TCI Sanmar) (2009), Dr. Magdy Felib.
- : S.O.P training course (STANDARD OPERATING PROCEDURE).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2018 till now

Employer : Bauer Egypt Company

Project : Metro line 3 phase 3 - MASPERO STATION: Diaphragm wall and barred supports

Job title : HSE Engineer

Job Description :

- Make internal audit and corrective actions for metro station.
- Inspect the hot work permit.
- Inspect the procedure of work in welding.
- Supervised the civil activity.
- Supervised the electrical activity from cable tray installed and cables trilling.
- Check Equipment's Trench machine (cutter machine), Crawler crane 873, Crawler 670, Fork lift, Excavator & Fuchs 125 R & Drilling machine BG 28.

Dates : From Apr. 2012 till Dec. 2017

Employer : TCI Sanmar Port Said Egypt (petrochemicals industries C.P.W Chlorinated Paraffin Wax, C/A, EDC, VCM, PVC)

Job titles : Senior DCS SIC Operation Eng. "G" Offsite & ZLD and Tank Farm Area Shift Supervisor

Job Description :

- Follow up DCS (Distributed Control System) operator for plants start-up and shut down operations in order to meet Company's objectives and production targets.
- Monitor and control all process parameter conditions such as flow rates, pressures, temperatures, levels, etc., through displays, graphics and trend logs.
- Communicate with DCS SIC for parameter adjustments in field.
- Report to Plant manager in case of parameter abnormalities and process deviations immediately.
- Make minor plant adjustments when necessary and reports any serious faults to Plant manager with appropriate remedial actions, implements immediately the approved actions, procedures and standard emergency responses.
- Take immediate corrective actions to limit risk to personnel, plant equipment and production during emergency situations.
- Monitor & Control the usage of raw materials, chemicals and other plant utilities effectively to an optimum level in safe manner.
- Ensure the safe shutdown, isolation and blow down of relevant Section / plant during emergency situations.
- Assist in studying the problem and issues arising in the operation and process to identify suitable remedial measures.
- Identify & investigate the faults and inform concerned departments, for remedial action.
- Adhere to Company's HSE policy, standards and approved operating

procedures while performing the duties / tasks.

- Perform other related duties as assigned by Plant manager such as taking part in training / developing new recruits / implementing orientation programmes, preparing necessary reports, plant shutdown and start-up procedures, etc.
- Follow up safe Operation for EDC Storage tanks A/B (10000 MT) & EDC Unloading Truck & multi chiller plant & VCM Sphere (5000 MT) and ZLD.
- Follow up all analysis for chilled water and chilled glycol of multi chiller.
- Follow up all analysis for Water & VCM & EDC Samples.
- Follow up all PMA For all Offsite area and ZLD plant.
- Make shutdown list and Preventive Maintenance (PM) of equipment's.
- Make health study for VCM (Vinyl chloride monomer).
- Make Risk assessment and Environment action plan for all petrochemical complexes.
- Achieving the remarks that noted in safety committee meeting.
- Follow up issuing PERMIT TO WORK SYSTEM.
- Inspect work at height activity and procedure of work in welding.
- Supervised the civil activity and electrical activity.
- Supervised the new equipment installed.

Dates : From Aug. 2009 till Apr. 2012
Employer : TCI Sanmar Port Said Egypt (petrochemicals industries C.P.W Chlorinated Paraffin Wax, C/A, EDC, VCM, PVC)
Job title : Project Engineer
Job Description :

- To follow up constructions after this make commissioning, start-up and handover.
- NEW caustic soda units Bertram Technology 250 ton/day.
- NEW chiller units 551 TR water cooled screw compressor.
- NEW Brine units.
- NEW gas Treatment units (chlorine & hydrogen).
- NEW DE chlorination unit.
- Ca/Mg project for Brine plant.
- ZLD Plant.

Dates : From Apr. 2006 till Aug. 2009
Employer : TCI Sanmar Port Said Egypt (petrochemicals industries C.P.W Chlorinated Paraffin Wax, C/A, EDC, VCM, PVC)
Job title : Process Chemist in C.P.W (Chlorinated Paraffin Wax) Plant "petrochemical plant"
Job Description : Plant consist of 18 reactors produce CPW 52% & CPW 42%. Fully Refined Paraffin is made by chlorinating paraffin fractions obtained from petroleum distillation. These hydrocarbons are reacted with chlorine resulting in chlorinated paraffin of different carbon chain lengths with varying degrees of chlorination. Thus chlorinated paraffin is a group of complex chemical substances and is manufactured in batch process.