

Holds B. Sc. in Chemistry, Applied Chemistry Postgraduate Diploma and Inorganic Master Degree.
Has over 18 years experience working in petrochemical and water & wastewater treatment.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 24/03/1982
Gender : Male
Marital Status : Married
Residence : Mansoura

EDUCATION

: B. Sc. in Chemistry, Mansoura University, 2003
: Applied Chemistry Postgraduate Diploma, Zagazig University
: Inorganic Master Degree, 2016

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: OSHA general and construction CERTIFICATE.
: Hazop hazard CERTIFICATE.
: Operability CERTIFICATE.
: RISK ASSESSMENT CERTIFICATE.
: FIRE FIGHTING CERTIFICATE.
: First aid course.
: Communication skills course.
: Toefl course in Banha University (2008).
: ICDL course.
: Trained in trust chemical industries.
: Training course about S.O.P (STANDERED OPERATING PROCEDURE) & trained about using scab device.

- : Gained the Program of Occupational Safety & Health (Safety Specialist) from National Institute of occupational safety and health (NIOSH) from the Ministry of Manpower.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2018 till now
Employer : MRI - Mansoura for Resins & Chemical Industries Co. S.A.E - Plant in Mansoura
Job title : Shift Supervisor DCS (Formaline & Formurea Synthesis)
Job Description :

- Follow the reaction parameter and calculate the yield and capacity.
- Give guide line for operator during any emergency or change in the operation.
- Follow the quality of product by lab.
- Observe the reaction inside the reactor and absorption tower also distillation tower.
- Follow all the utilities cooling tower, boiler, chiller and waste water.
- Follow the unloading of raw material such as methanol and urea.
- Follow the loading of formalin, formurea and gulf.

Dates : 2022
Project : Tar Shutdown period
Job title : Safety Watcher
Job Description :

- Apply the environmental rules for gas emissions of boilers and wastewater influent parameters with coordination with HSE and environmental department.
- Help improving operators' skills to achieve the quality objectives of the company and reduce cost.
- Develop and implement procedures that will ensure the attainment of the required targets.

Dates : From May 2006 till Nov. 2017
Employer : TCI Sanmar
Project : LLC Plant in Port Said
Job title : Shift Supervisor (CHLORINE Synthesis and Hydrochloric acid synthesis and treatment of chlorine and sodium hypochlorite synthesis)
Job Description :

- Following up and record the parameters of chlorine gas and hydrogen gas came from cell house and treating it.
- Control in HCL gas came from EDC unit and hydolysised it.
- Coordinate with DCS operator the temperature and pressure inside towers in chlorine gas washing towers and pressure and temperature of hydrogen and concentration of sodium hypochlorite.
- Coordinate with lab about parameters of hydrochloric acid, sodium hypochlorite concentration.
- Coordinate and managing the maintenance activities with maintenance team (civil, mechanical, instrument, electrical).
- Achieving the remarks that noted in safety committee meeting and coordinate with safety team and other department to achieving corrective actions in all C.A plants.

- Following up housekeeping after completion of maintenance.
- Contributing in shutdown job list for units and supervised the shutdown and startup after shutdown.
- Controlling the leakage maybe happened through emergency team with coordinate with DCS operator.
- Supervised start-up of 4 hydrochloric acid furnaces and chlorine liquefaction units and 6 chlorine compressors.
- Coordinate with liquid chlorine filling unit the stock of liquid chlorine and record the stock of liquid chlorine in storage tanks.
- Follow up and record the stock of hydrochloric acid, sodium hypo chloride, sulphoric acid, liquid chlorine in storage area.
- Following up the charging of sulphoric acid 98% that used in chlorine gas washing and treatment in storage tanks (as per slandered of chemical handling in safe way).
- Following up the discharging of sulphoric 78% that off specification in tanker in safe way of chemical handling.
- Following up treatment of all effluent come out from units to waste water treatment.
- Capable of fire-fighting and using the fire-fighting extinguisher.
- Capable of make piir (primary incident investigation report).
- Attendant the safety committee meeting monthly.
- Proven ability to work within a team.
- Ability to effectively interact with all levels of management.
- Proven analytical, problem solving and troubleshooting skills.
- Tolerate extreme fluctuations in temperature while performing duties.
- Perform physically demanding work in hot and humid atmosphere while wearing equipment that significantly impairs body-cooling mechanisms.
- Experience frequent translation from hot to cold and form humid to dry atmosphere. Work in wet or muddy areas.
- Perform a variety of tasks in work at height such as on rooftops, ladders and steel structures.
- Following up the new extensions for chlorine gas unit, 2 new hydrochloric acid furnaces and 1 new chlorine liquefaction unit.
- Following up civil work, steel structure installation, piping and fabrication of towers and tanks, electrical cables trailing and instrumentation installed in new extensions.
- Performing induction training for new employees about units.
- Coordinate with safety team to face any problem in units.
- Coordinate with Central Metallurgical Research Institute (CMRDI) as 3rd part to check and certified the storage tank of liquefied chlorine stored in storage tank as per plan prepared by French manufactured company.
- Make maintenance plan of liquefaction unit that prepared by manufactured French company.
- Operate R22 liquefaction unit and HCl furnaces by PLC.
- Areas of expertise:
 - (CPW) chlorinated paraffin wax.
 - Ferric chloride (FeCl_3).
 - Calcium chloride (CaCl_2).
 - CHLORINE Synthesis and Hydrochloric acid synthesis and treatment of chlorine and sodium hypochlorite synthesis.
 - Hydrolyzer unit related to EDC unit.

- Working in fertilizer unit (potassium sulfate).

Field of experience :

- Good knowledge to running and control utilities area (D. M. Water, boiler, cooling towers, waste water treatment, chillers).
- Good knowledge about operation steps of E.D.C and VCM plants.