

Holds a B. Sc. in Chemistry and has over 15 years experience working as Chemist.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 28/05/1984
Gender : Male
Marital Status : Married

EDUCATION

: B. Sc. in Chemistry, Suez Canal University, 2006

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet
: MS Visio

TRAINING COURSES AND CERTIFICATIONS

- : Quality Control of petroleum refinery, Suez Oil Processing Company (Jul. 2004 and Aug. 2005).
- : Safety Values, Randy Smith Training Center (Aug. 2006).
- : Fluid Dynamics, OPC Training Center (Sep. 2008).
- : Pumps, OPC Training Center (Oct. 2008).
- : Standard FIRST AID, Canadian Red Cross, Doha (Oct. 2010).
- : Steam turbines & centrifugal compressors, ORCA marketing and consultancy Ltd, Doha (Jun. 2012).
- : Standard FIRST AID, Canadian Red Cross, Doha (Oct. 2012).
- : Gas Sweetening and Claus technology, Masters training and consultant, Doha (Sep. 2013).
- : Operation and control of distillation column, TUV Middle East, Doha (Jan. 2014).
- : Process plant start-up, commissioning and troubleshooting, Marcus Evans, Doha (Oct. 2014).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2017 till now
Employer : EPROM (Egyptian Projects Operation & Maintenance Co.)
Project : ERC
Job title : Shift Team Leader
Job Description :

- Sour water SWS, amine washing and regeneration ARU, Sulfur Recovery Unit SRU and TGTU units at ERC site.
- Pre-commissioning, commissioning and start-up phase: DCS graphic review, Procedures development, DCS SAT, Cause & Effect Review, plant Equipment Final Internal Inspection, asset register, DCS loop test, function test for simple and complex loops.
- Inspection team (operation member) for equipment internal inspection in sulfur recovery, amine treatment units with the vendor.
- DCS SAT.
- Develop the expected required 2 years spare parts for critical equipment prior to start-up.
- Develop the Sulfur, Sour Water and Amine Units start-up work instructions and procedures and its operability, Readiness for start-up check list in compliance with codes and standards.
- Review and update the cause and effect charts.
- Participate in the loop check.
- Asset registers team, operation representative to create functional location and equipment FLOC structure in SAP.
- Develop and instruct the new comer training program.
- Review laboratory sample requirement and determine the required frequency.
- Create and develop the blinding and de-blinding lists for level 1, 2 and 3 for the whole units.
- DCS function test (operation leader) for the whole ERC Refinery units (NHT, DHT, CCR, HCU, HPU, SWS, ARU, SRU, TGTU and utility) to review the implemented logic diagram, complex loops, burner management system BMS and ESD as per design.
- Develop the refractory dry out and amine degreasing procedures.
- Review all run test procedures and the required Trends and groups.
- Develop the out-door operator log sheets, panel operator log sheet, shift team leader reports and the main required KPI's.

Dates : From Mar. 2009 till Aug. 2017
Employer : Qatar Petrochemical Co.
Project : Ethylene Plant
Job Description :

- Panel Operator (May 2013 – Aug. 2017) in Ethylene Plant QAPCO:
 - Working in cold section panel front end and Rear end acetylene reactor which contain cracked gas drying, demethanizaion, Deethanization, ethane header, C2 splitting, C3 splitting, acetylene hydrogenation, C3 hydrogenation, PSA unit and ethylene distribution system, technip technology. C3 depropanizer, hydrogenation, splitting unit.
 - Raw pyrolysis Gasoline Hydrogenation Unit GHU C5+ diolefins and

- olefins catalytic hydrogenation and hydrodesulphurization to meet BTX product feed to LAB Axen technology.
- C3/C4 hydrogenation into LPG Axen technology.
- Working in hot section panel which contain steam ethane cracker and attend the commissioning of new EP3 cracker furnaces (stone and Webster technology), water quenching system and cracked gas compression.
- Ethylene plant 2 with front end acetylene hydrogenation reactor, C2 splitter with integrated heat pump, Ethylene and propylene refrigeration.
- Amine treatment unit (three train).
- Sulfur Recovery Unit SRU (two train).
- Senior Out Door Operator at Ethylene Plant (Mar. 2009 – Apr. 2013), GTS, hot and cold section:
 - Working in gas treatment section (acid gas Removal) in amine sweating units using ucarsole.
 - Ethane Recovery Unite ERU, fractionation of SAG into C1, C2, C3+ to separate C2 in NGL plant, Ethane header inside the plant.
 - Sulpher Recovery unit SRU (Claus process).
 - Sulpher granulating unit.
 - Operating LP steam boiler and Industrial water unit, HP, MP, LP steam manifold inside BL.
 - Waste water treatment unites and water biological treatments unit.
 - Storage area, ethylene, ethane, propylene, VCM, EDC and their refrigeration units.
 - Working in the cold section for cracked gas demethanization, deethanization and depropanization sections.
 - Propylene Refrigeration system C3R and Ethylene Refrigeration system C2R.

- Dates** : From Oct. 2006 till Feb. 2009
- Employer** : Oriental Petrochemicals Company (OPC)
- Project** : Egypt Polypropylene Plant
- Job title** : Plant Jr. Production Trainee Engineer
- Job Description** :
- Working in propylene storage spheres and propylene purification section and TEAL system.
 - Working in polymerization UNIPOL® fluidized bed reactor beside SHAC system and additive system with purge header system.
 - Working in the pelleting system of polypropylene.
 - Operating of nitrogen production unite through PLC control system.
- Field of experience** :
- Theoretical and practical knowledge of amine treating and sweetening basic, steam cracking furnaces (Technip technology) through pre-commissioning and commissioning of 18M ethane steam cracker furnaces (Nov. 2013 till Aug. 2014).
 - Working on DCS Honey Well Experian PKS.
 - Operating the different types of equipment's (like pumps, compressors, steam turbine, turbo expander, manual valves, automatic valves, dry gas seal, lube oil system, gas dryers, furnaces, etc...) through knowing of its basics design and permissive beside the interlock logics control loop and plant Piping and Instruments Diagrams (PID) and Process Flow Diagram

(PFD) beside process variables and basics of the automatic control.

- Daily monitoring and Recording of equipment status and different process variables.
- Quick respond during different troubleshooting and ESD.
- Preparing Different equipment for start-up, normal operation, shutdown and maintenance.
- Monitoring and recording of different process variables and trends and informing shift leader for any unusual conditions.
- Ability to carry out JHA for the different outdoor jobs.
- Implementing the HSE systems and regulations in normal and up-normal routines jobs.
- Familiar with different application such as LIMS, PI, SAP, ERP.