

101878-CHE-4GMOS-E-1997
Offsite & Utilities Operations Shift Team Leader

Holds a B. Sc. in Chemistry and has over 19 years experience working in oil and gas field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 20/01/1976
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Chemistry, South Valley University, 1997

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Egyptian Petrochemical Company (EPC) for Basic Processes.
- : Ethylene furnace troubleshooting for process/plant engineers in Netherland (Hague City, Netherland) on 1999 by ABB Lummus.
- : Boiler control systems course by PETROMAINT (Alexandria Petroleum Maintenance Co.).
- : Ethylene technology and plant operation by (ABB Lummus).
- : Ethylene plant unit operation (ABB Lummus).
- : Simulator Systems in different units (by ABB Lammus Instructor).
- : General utilities and offsite (by Linde Instructor).
- : DCS System by Honeywell in Abu Dhabi Headquarters Office, United Arab Emirates.
- : Internally cross training in Polymerization, Cracker units.
- : Fire & Safety drilling as (ERT) member in (ADNOC Fire & Safety Center), Abu Dhabi, UAE.
- : Problem solving course.
- : Microsoft Office course.

- : Familiar with IT programs like (PI, KMS and SAP).
- : HAZOP study for new extension (Borouge2) and preparation for commissioning step was in Spain on May 2008 by Borouge Abu Dhabi.
- : Advanced supervisory skills course.
- : Introduction to HYSYS and AutoCAD.
- : ICDL certified.
- : English: IELTS certified.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jul. 2017 till now
- Employer** : EPROM (Egyptian Projects Operation and Maintenance)
- Job title** : STL (Shift Team Leader)
- Job Description** :
- Basic Functions:
 - Ensure plant and personal safety is maintained through the application of refinery safety procedures.
 - Ensure compliance with the company's total quality management policies.
 - Maintain plant conditions within safe operating limits.
 - Assigning duties to staff during shifts.
 - Prepare and issue permits to work (hot or cold) on his area within his delegated authority.
 - Ensure sufficient operating manpower is available.
 - Establish and communicate daily operating plans.
 - Prepare technical reports to inform management on unit conditions.
 - Co-ordinate and supervise plant maintenance with the shift maintenance engineer.
 - Ensure implementation of area supervisor instructions.
 - Conduct on-the-job training for all new employees and trainees.
 - Propose Motivation of subordinates on his shift according to their skills and efficiency.
 - Operational Tasks:
 - Supervise the activities of all Operations personnel and coordinate activities of all Maintenance and Safety & Fire personnel within my assigned operating area on shift basis.
 - Hand over shift from off-going shift Supervisor with details of any operational irregularities or changes during previous shift and completed own log book in an orderly and efficient manner to incoming shift Supervisor. Review operating data, monitors general operational or maintenance activities in the various sections and establishes status at start of shift.
 - Participate in critical operating procedures to provide control and coordination which includes start-up and shutdown, commissioning and testing of new equipment and dealing with any emergency situation which may arise according to correct procedure.
 - Conduct daily inspection tours of all operating units to ensure smooth running and to ensure that all equipment are in good operating conditions.

- Personally control and coordinate shutdown and start-up operations include reviewing control panel instruments, DCS/ESD System and directing site operations to start-up units in proper sequence and correct manner to avoid damage to equipment or personnel.
- Review laboratory test results to ensure that products meet specifications and arrange for adjustments to be carried out to maintain quality standards.
- Review and monitor the operating data relating to the production and operation of various operating equipment. Include discussing activities with subordinates and highlighting deviations for corrective action to be taken.
- Initiate maintenance requests for all routine repairs. Monitor maintenance work carried out on operating units during shift and direct the preparation of units for start-up or shutdown.
- Assist in planning major maintenance requirements and undertake shift supervision of crews performing maintenance or repair works. Approve emergency work orders and issue work, entry and excavation permits in conjunction with Safety & Fire personnel, Monitors that work permit procedure and other applicable safety procedures are followed during the shift.
- Ensure compliance by subordinate personnel with all safety and fire regulations, including the use of protective clothing and equipment. Write and discuss accident, incident and near miss reports with line manager and subordinates in order to avoid recurrence.
- Attend departmental safety, health and good housekeeping meetings. Conduct plant inspection tours and safety topic group meetings.
- Assist in training of operators and developes to safely and efficiently perform their work assignments and prepare on-the-job training programs.
- Carry out other similar or related duties as assigned, such as supervising minor maintenance job carried out by Operators, substitution of other shift supervisors, maintaining essential records, writing reports and recommending modifications or additions to plant and equipment.
- Suggest improvement of procedures, systems and equipment in own responsibility area.
- Ensure good housekeeping of designated areas for the shift group.
- Work Contacts: Regular contacts with Ethylene unit, Laboratory at supervisory level for general coordination of operations and routine maintenance work. Regular contacts with Area Maintenance Engineers/Supervisors, Safety & Fire personnel on shift, Training department.
- Independence of Operations:
 - Report to area Manager. Work in accordance with established operating procedures, instructions and specialized technical standards.
 - Operate independently during assigned shift. In case of emergency or major operating difficulty until personnel from day organization are available.
- Supervisory Responsibilities:

- Organize and plan the workload to ensure maximum production with minimum effort and confusion.
- Evaluate, prioritize, organize and delegate work schedules.
- React quickly and effectively when dealing with challenging situations.
- Delegate the authority for completing work assignments, keeping in mind that the final product is the responsibility of the supervisor.
- Control the workload and see that all works are completed correctly.
- Enhance and maintain a positive work environment
- Ensure Safety, health, and physical welfare of subordinates.
- Special Tasks:
 - Preparation for turnaround activities.
 - Sharing with the day staff for trouble shooting meetings.
 - Responsible for training new employees to take the charge.
 - Preparation of work instructions.

Dates : From Sep. 2013 till Jun. 2015
Employer : ITS - a local Training Center (delivering technical courses for fresh graduates)
Job title : Process Instructor
Job Description :

- Explain and instruct technical courses to fresh graduates (related to processes).
- Prepare evaluation exams.

Dates : From Aug. 2002 till Dec. 2012
Employer : Abu Dhabi Petrochemical Co. (Borouge)
Project : Ethylene Plant with initial capacity 600 KT/Y of Ethylene under license of (Linde, Germany), Borouge based in Abu Dhabi, United Arab Emirates
Job title : Senior Operator, then promoted to Shift Assistant Supervisor
Job Description :

- Coordinate and supervise on assigned shift, the operation of utilities and offsite units in a safe and efficient manner.
- Coordinate periodic checks, adjustments and maintains follow-up on all maintenance activities in my operating area.
- Supervise plant start-up, shutdown and emergency as per established operating procedures.
- Prepare the required drawings and procedures (SOP's).
- Arrange shift meetings.
- Supervise and control the operation for the following units:
 - Water Purification unit (polishing Unit) with Capacity of 425 T/ Hr. for each polisher. This system includes two mixed beds, two active carbon filters and regeneration package.
 - Air Separation Unit (ASU) Producing 10 T/Hr. nitrogen (8 Bars) GAS/LIQUID designed, with electrical motor (air) capacity 27500 KG/Hr. and two mol. Sieves.
 - Steam generation unit (tot. three boilers) Producing 70 T/Hr. for each with Super High Pressure Steam (65 Bars).
 - All kinds of Steam Turbines (HP & MP Steam Turbines).

- Service Air unit (Instrument / plant / Decoking air Compressors).
- Chemicals loading /unloading system, including boilers injection chemicals, acid, caustic, amine, TEA/ LC catalyst.
- Closed Cooling Water (CCW) system, which using sea water as a coolant media through 20 big heat exchangers.
- Shipping unit for unloading liquid ethylene through Jetty line with Loading Arm with transfer rate up to 300 T/Hr.
- Hydrogen system contains two compressors (with delivery pressure 77 Bars and three bullets).
- Storage area which consists of liquid butane-1, liquid propane, liquid products, potable water, service water, fire water, diesel liquid, liquid ethylene storage ,liquid ethane , wash oil storage and others.
- Effluent Treatment Plant (ETP),this plant is designed to treat waste water coming from overall the plant, The treated water used for irrigation or disposed to the sea(with respect of the quality).

- Dates** : From Mar. 1999 till Jul. 2002
- Employer** : Sidi Krir Petrochemical Company (SIDPEC)
- Project** : Ethylene Plant, U&O section
- Job title** : DCS Supervisor
- Job Description** :
- Sharing with a qualified internationally team in a successful pre-commissioning, Commissioning and Start-up. Then performance test for the first Ethylene Plant in Egypt with initial capacity 300KT/Y of Ethylene under license from (ABB Lummus, USA).
 - Leading a team consists of four persons, three technicians and one chemist as a trainee.
 - Preparing the required drawings and procedures.
 - First signature for the permits in the assigned area.
 - Supervise and control the operation for the following units:
 - Condensate Polishing Unit (six active carbon filters & six mixed beds).
 - Steam generation system producing 50 T/Hr for each boiler (tot. two boilers) with High Pressure Steam (45 Bars).
 - Steam system balancing with 4 headers pressure (120, 45, 13 & 5 Bars).
 - Fuel systems (fuel gas & liquid fuel).
 - Flare system.
 - Gas / liquid Air Separation Unit (ASU) with full capacity of 10 t/h nitrogen gas.
- Field of experience** :
- 3 years with (Sidi Krir Petrochemical Company (SIDPEC)) the first producer for ethylene and polyethylene in Alexandria City, Egypt, working as DCS Supervisor in Ethylene Plant, U&O section.
 - 10 years in Abu Dhabi Petrochemical Company (BOROUGE), the major supplier for ethylene and PE in ME, working as Senior Operator.
 - 2 years with "ITS" Local Technical Training Company. Located in Alexandria, Egypt, working as Process Instructor.
 - 4 years with EPROM (Egyptian Projects Operation and Maintenance) as

STL (Shift Team Leader).