

Holds a B. Sc. in Chemical Engineering and has about 11 years hands-on experience working as Chemist.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 09/09/1984
Gender : Male
Marital Status : Married
Residence : Currently UAE

EDUCATION

: B. Sc. in Chemical Engineering, Alexandria University, 2006

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD 2D
: Hysys program

TRAINING COURSES AND CERTIFICATIONS

: Confined Space Entry Awareness.
: Self-Contained Breathing Apparatus (SCBA).
: Advanced First Aid.
: Chemical Handling Awareness.
: International Health and Safety Passport.
: Process Design Engineering from OMESOL.
: Positive Thinking & Problem Solving.
: Safety Work Permits.
: Operation of refrigeration system with KLIMA Co.
: Training at Sidi Krir for Petrochemical (Jul. 2004).
: Training at Alexandria National Steel & Iron Company (Jul. 2005).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2011 till now
Employer : Emirates Steel Industries (ESI), United Arab Emirates
Job title : Senior Shift in Charge in utility department (SMP & DRP & RM) phase II
Job Description :

- Supervise and monitoring the DCS. in order to ensure the plant and processes are operating within set parameters and take the required actions for smooth operation
- Planning and coordination of utility plant operations according to the main production plant operational requirement.
- Preparing Safety Work Permits and ensure all safety measures are taken before handing over equipment for maintenance.
- Prepare the standard operation procedures (SOP) for utilities circuits and air compressors.
- Supervision for commissioning and start-up of WTP.
- Plan, coordinate and preparing list with any abnormalities and follow up with electrical and maintenance or other disciplines during down day for maintenance job.
- During the commissioning: Supervise and coordinate with the main contractor "DANIELI" for all the required modifications.
- Preparing list of snags and pending points during commissioning and start-up.
- Studying and reviewing the operation of Air separation plant.
- Preparing monthly schedule and activities.

Dates : From Mar. 2010 till Jan. 2011
Employer : Engineering Consultants Group S.A., Cairo – Egypt (ECG)
Job title : Process Design Engineer in industrial oil & gas division
Job Description :

- Piping and instrumentation diagrams (P&ID).
- Process flow diagrams (PFD).
- Heat calculation.
- Pipe line sizing calculation.
- Main Projects involved:
 - Extension of Alex CT Terminals phase II at Aldekhila Port.
 - Extension of tank farm, 7 additives tanks, Exxon Mobil.
 - Effluent treatment plant (ETP), Exxon Mobil.
 - Industrial steam and compressed air, EVA pharm.

Dates : From Dec. 2007 till Feb. 2010
Employer : Alex Fiber Co. (Petrochemicals Co.) which belong to Aditya Birla Group
Job title : Chemist
Job Description :

- Utility Shift in Charge Engineer in AFCO (from Jun. 2009 till Feb. 2010):
 - Water treatment plant with capacity 420 m³/hr.
 - Effluent treatment plant with capacity 3170 m³/day.
 - Brine chiller with capacity 960 TR.
 - Methanol chiller with capacity 1860 TR.
 - Cooling tower with capacity 2100 m³/hr.
 - Air compressors with capacity 3300 Nm³/hr.
 - Nitrogen plant with capacity 40 Nm³/hr.

- Chemical Engineer in projects department (from Dec. 2007 till Jun. 2009):
 - Installation, pre-commissioning, commissioning and start-up.
 - Water treatment plant with capacity 270 m³/hr.
 - Brine chiller with capacity 1860 TR.
 - Supervision for the maintenance of MYCOM compressor under the supervision of KLIMA's Engineers.
 - Operation of the refrigeration cycle at the best conditions with reference to KLIMA'S training.
 - Supervision for pre-commissioning and commissioning of brine chiller.
 - Cooling tower with capacity 885 m³/hr.
 - Air compressors with capacity 2000 Nm³/hr.
 - Studying and make a comparison between the existing R.O unit and new one.
 - Co-ordination and supervision for the design & erection works of brine chiller, water treatment plant and compressors.
 - Good experience in reviewing process diagrams (P&ID).

Dates : From Oct. 2006 till Nov. 2007
Employer : Target for Water Treatment
Job title : Technical Chemical Engineer
Job Description :

- Design Engineer for water treatment units (Softeners, different filters and deionizer)
- Supervision for the erection of water treatment units.
- Solving problems of water inside boilers, chiller and cooling towers.
- Calculate the required chemicals for boilers, chillers and cooling towers.