

Holds a B. Sc. in Petroleum & Mining Engineering and has about 4 years hands-on experience working as Field Operation Engineer, Panel Engineer, Commissioning Engineer and Inspection Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 11/12/1990
Gender : Male
Residence : Ismailia

EDUCATION

: B. Sc. in Petroleum & Mining Engineering, Suez University, 2015

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Hysys

TRAINING COURSES AND CERTIFICATIONS

- : Trainings at:
 - Suez Oil Processing Company (SOPC) (summer 2013).
 - Arab Petroleum Pipelines Company (SUMED) (Field trip 2012).
 - Khalda Petroleum Company (summer 2014).
 - Arab Petroleum Pipelines Company (SUMED) (summer 2013).
- : Non Destructive Testing (NDT) Level II Certifications (VT, UT, PT, MT, RT).
- : Dynamic Simulation Process Control using Aspen Hysys V.8.3 (by Ahmed Deyab).
- : Pipeline systems and piping systems.
- : Pump and Compressors course.
- : The preparation program for Fresh Graduate Engineers:
 - Process Simulation using HYSYS.
 - Fundamentals of Oil & Gas Facilities.
 - Introduction to Oil Processing.
 - Introduction to Gas Processing.
 - Process Fired Heaters.

- Safety Relief & Flare System Design.
 - Heat Exchanger Selection, Design & Construction.
 - Static Equipment systems / unit (vessel, tank).
 - Industrial Water Conditioning.
 - Air-Cooled Exchangers.
- : Human development.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2017 till 2018
Employer : TCI Sanmar Chemical
Job title : Field Operation Engineer & Panel Engineer

Dates : 2017
Employer : TCI Sanmar Chemical to produce polyvinyl chloride
Job title : Commissioning Engineer

Dates : From 2015 till 2016
Employer : Kahromika
Project : AL-SHABAB Power Plant Project phase II, 1500MW Combined Cycle
Job title : Inspection Engineer

- Field of experience** :
- Field Operation Engineer, TCI SANMAR, POLYVINYLE CHLORIDE (PVC) PRODUCTION UNIT:
 - Dealing with Operation Unit inside the field & through the Panel Operating System and Well-Known of the Plant Start-up and Shutdown.
 - Assist in Setting and Maintaining Optimum Operating Parameters.
 - Prepare Data for Inclusion in Routine Plant Performance Reports to the Attention of Leader Process Engineer and Operating Staff.
 - Assist in Identifying and Solving Operating Problems.
 - Participate in Equipment Performance Evaluations and Plant Test Runs.
 - Undertake Necessary Calculations and Using Process Simulation Software for Investigation.
 - Follow Company Procedures Regarding Health & Safety.
 - Familiar with operation (flash dryer, fluid bed, blowers, pumps, compressors, Reactor, vessels, distillation column, valve, stripper column, heat exchanger).
 - Release all equipment to maintenance adhering to safety regulation.
 - Co-ordination with various maintenance departments such as mechanical, instrument and electrical in carrying out maintenance activities, check the plant thoroughly and records readings.
 - Testing new equipment.
 - Panel Operation (controlling of all unit DCS module):
 - Area A - Water Storage and Charging.

- Area B - VCM Storage and Charging.
- Area C - utility Section.
- Area D - Chemical solutions preparation section.
- Area E - Reactor Section.
- Commissioning Engineer:
 - Process Commissioning Team Leader in pre-commissioning / commissioning and start-up of the PVC Plant:
 - Safety, Cold commissioning, List the Commissioning prerequisites for this system, Inspection & Test Plan and DCS planning and commissioning of the different instruments.
 - Safe operation of the following: Reagents Area, 12 Polymerization straining Batch Reactors, Monomer Recovery Distillation Column, Compressor area and Condensers of Recovered VCM, Flash and fluid bed driers as well as Check and Bagging Silos.
 - Help in design, commissioning, tuning and optimization of Honeywell Experion DCS.
 - Familiar with Pipeline systems and piping systems.
 - Familiar with Mechanical Completion and Integrity checking (Inspection, Pressure testing, Cleaning and Flushing, Machinery checkout).
 - Familiar with static equipment and rotating equipment systems/units.
 - Familiar with instrumentation systems.
- QA/QC:
 - Inspection for all static equipments:
 - ❖ External & Internal and Onstream Inspection for Pressure Vessels & Heat exchanges and Towers.
 - ❖ External & Internal and Onstream Inspection for Tanks.
 - ❖ External Visual Inspection for Piping and Pipe lines.
 - ❖ Witness of Welder Qualification Tests (WQT) for different positions.
 - ❖ General Welding Inspection, including Procedure and Welder Qualifications, Fit ups, Pre-Heat and Stress Relief.
 - ❖ Interpretations of Radiograph, Ultrasonic Inspection, MPI and Dye Penetrant Inspections.
 - ❖ Perform Pressure testing (Hydrostatic and Pneumatic testing).
 - ❖ Review of NDT reports & Test Package.
 - Carried out Ultrasonic Wall Thickness Gauging.
 - Carried out UT weld scanning, thickness survey, corrosion monitoring, lamination check for raw materials & as well as Internal Inspection in Columns, Vessels, Tank, Exchangers Separators, Condense Surge Drum, Fuel Gas Drum, nozzles, etc.