

Holds a B. Sc. in Electronics Engineering (Computers & Control Systems) and has about 16 years' experience working in operation and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 26/07/1984
Gender : Male
Marital Status : Married
Residence : Mansoura

EDUCATION

: B. Sc. in Electronics Engineering (Computers & Control Systems), Mansoura University, 2007

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Programming Languages: Visual Basic and C++

TRAINING COURSES AND CERTIFICATIONS

: Operation of gas turbine and auxiliaries (Siemens).
: Operation of gas turbo compressor (Siemens).
: Operation of gas compression station (Technip KTI).
: SCADA system (Technip KTI).
: Heavy Duty Gas Turbine Operation (GE).
: Mark VI Operation Training (GE).
: Series 4 Operation Training (CCC).
: OSHA in General Industry and construction (High Trade Group).
: Defensive Driving (Career Development and Consultations Academy).
: Firefighting (Egyptian Civil Defense).
: First Aid (Egyptian Red Crescent and Petrosafe).
: Basic Offshore Safety Induction and Emergency Training (BOSIET).
: ICDL (International Computer Driving License).

: English: IELTS Certificate.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2021 till now
Employer : Coral SUL FLNG S.A
Project : Technip Energies (South Korea) - Coral (Mozambique Offshore 2021)
Job title : LNG Process & Utilities Operator
Job Description :

- Participation in commission phase in Samsung Heavy Industries (SHI) yard in South Korea with Technip as part of the Joint Recruitment program.
- Start-up, shut down and Safe Operation for Hull Machinery space for the following units:
 - Sea water supply system.
 - Chemical injection system.
 - Sewage and sanitary system.
 - Inert gas generation system.
 - Diesel Fire water system.
 - Fresh and Demin water system.
 - Instrument and service air system.
 - Essential & Emer. diesel generators.
 - Electro chlorination unit.
 - Bilge treatment unit.
 - Diesel oil system.
 - Cooling water system.
- Operation for inlet facilities and topside utilities for the following units:
 - GTG Aero derivative (GE PGT25+G4).
 - Waste heat recovery unit (WHRU).
 - Mono Ethylene Glycol unit (MEG).
 - Acid gas removal unit AGRU.
 - Gas dehydration unit.
 - Hot oil circulation system.
 - Condensate stabilization unit.
 - Nitrogen regeneration unit.
 - Mercury removal unit.

Dates : From Sep. 2020 till Aug. 2021
Employer : EPROM
Project : Egyptian Refining Company Project (ERC)
Job title : Field Operator
Job Description :

- Following the pre-commissioning and commissioning activities for Naphtha Hydro-treating unit, Naphtha reformer, Continuous catalytic regeneration unit, Diesel Hydro-treating unit, De-Ethanizer column, Fuel gas system and Flare.
- Going for walk downs, creating Punch lists, following air blowing, steam blowing, hydro-test and leak test for lines, dry-out for heaters and reactors, catalyst loading and sulfiding, chemical cleaning and oil circulation for compressor lines, function test for instruments, mechanical running tests for compressor and pump motors.
- Perform safe operation (start up, shut down and change over) for the

plant equipment such as (pumps, reciprocating compressors, centrifugal compressors, refrigeration package, desiccant gas dryer package, steam turbine, reactors and regenerator, fired heaters, distillation column, separators and coolers).

- Performing usual activities of taking field reading, collecting samples, troubleshooting process and equipment problems and creating notifications for any abnormalities.
- Performing mechanical isolation of different equipment according to work permits.
- Communicate with control room / supervisors immediately in case of any parameters abnormalities or process deviation noticed to ensure that correct condition of field equipment is maintained.
- Performing start-up, shut-down and emergency shut-down from field.

Dates : From Sep. 2016 till Aug. 2020
Employer : Union Fenosa Gas LNG Company (SEGAS)
Job title : Field Operator
Job Description :

- Follow Major overhaul of Hitachi power generation gas turbine (5x25MW).
- Cold start-up, warm start-up and normal operation for LNG train.
- Monitoring and operating the following equipment:
 - Gas turbines GE frame 7 coupled with helper motor, PR and MR compressor.
 - Main Cryogenic Heat Exchanger 3 bundle APCI.
 - Mercury removal adsorber.
 - Dehydration package Molecular sieve.
 - Acid gas removal unit using a MDEA.
 - Feed gas compressor (Centrifugal compressor).
 - Hot oil-fired heater and pumps.
 - Gas Chillers utilizing propane & MR (Mixed Refrigerant).
 - LNG & MR liquid Expanders.
 - B.O.G compressor (Reciprocating compressor).
 - Air compressors (screw compressor) & Heatless driers.
 - Nitrogen generation unit (Cold Box).
 - Waste water Bio-treatment system.
 - Desalination, Potable and de-mineralized water system.
- Operating of LNG storage tanks and Shipping pumps and loading cargoes.
- Operating of condensate storage tanks and export pumps.

Dates : From Sep. 2012 till Aug. 2016
Employer : Electricity De France Power Plant (E.D.F)
Project : Port Said East Thermal Power Plant (2x362MW)
Job Description :

- Control Room Operator (from Dec. 2014 till Aug. 2016):
 - Start-up, shut down and Safe Operation for Main Boiler (Foster Wheeler) 1200 t/h using natural gas and heavy fuel oil fired and its auxiliaries.
 - Start-up, Shut down and Safe Operation for Main Turbine (Toshiba) and its auxiliaries.
 - Start-up and shut down de-localized equipment:
 - Gas Turbine 15MW (in case of black out or missing of 220KV)

- network) Tuma Turbomach.
- Desalination unit 2 x 1200 m³/day multi effect system Weir Entropie.
- Water Treatment Demineralization plant (2 x 60 m³/hr) 2 mixed bed Metito.
- Auxiliary Boiler 50 t/h, 16 bar Deutche Babcock.
- Emergency diesel generator 1.2MW.
- Screw air compressors 8 bar.
- Electro chlorination plant.
- Involved in outage (preparation and realization)
- Collect metering data (electrical, gas, fuel) daily and monthly
- Preserve company integrated policy (health and safety, environmental and quality manage system) (ISO 18001, 14001 and 9001).
- Activities under SCE supervision.
- Field Operator (from Sep. 2012 till Nov. 2014):
 - Prepare and apply all safety work permit (SWP) (isolation and locking electrical and mechanical) for all equipment.
 - Perform periodical test using procedures.
 - Operate the unit in disturbed situation (Incident or accident) and perform locking.
 - Participate to the firefighting team.
 - Actions to be carried out on site, collect data, analyze equipment behavior, Check line-up and availability of standby equipments.
 - Analyze periodical data collected on TOI, SOI, logbook and data logger.
 - Perform necessary checks before equipment start-up for detected defect, issue an accurate MP2i Work Request to manage it with maintenance.

Dates : From Nov. 2008 till Aug. 2012

Employer : TECHNIP KTI compression station of natural gas

Job title : Operation Engineer

Job Description :

- Panel Operator (from Nov. 2010 till Aug. 2012):
 - Monitoring and operating the compression station equipments from control room through SCADA system.
 - Responsible for safe start-up and shutdown of the plant facility in accordance with equipment vendor recommendations and guidelines.
 - Responsible for safe operation for the following equipment:
 - SIEMENS Gas turbines "SGT 700".
 - SIEMENS Turbo compressors "STC- 12 MV 8A".
 - Air compressors "Atlas Copco ZR 145".
 - Diesel generator "C.T.M Italy 380V-2 MW".
 - Transformers "ABB 22KV/400V".
 - Desalination plant R-O type "Bono Artes s.p.a".
 - Firefighting and raw water pumps.
 - Report the malfunction of the abnormal operation of any equipment.
- Field Operation Engineer (from Nov. 2008 till Oct. 2010):
 - Responsible for preparing Safe start-up and shut down for all the plant.
 - Operate manually the field equipments in case of failure of

- automated signals from the DCS system.
 - Check the system periodically for problems such as leakage, outage of equipments and report it to the maintenance department.
 - Monitor the plant performance and the 1st alert for any non-conformity in the plant.
 - Line-up the system for the Control Room Operator in order to be able to start or shut down and monitor the unit.
- Pre-Commissioning Engineer:
 - Preparation and applying the flushing procedure of all the plant's systems:
 - Scrubber.
 - Filtering system.
 - Metering station.
 - Discharge cooler.
 - Pig launcher.
 - Compressor suction & delivery.
 - Utilities.
 - Hydrostatic and leak test by air, nitrogen and natural gas.
 - Punch list preparation.

- Dates** : From Jan. 2008 till Oct. 2008
- Employer** : EI-Nasr Saline Company
- Job title** : Electrical Engineer
- Job Description** :
- Responsible of safe operating, start-up, shut down and carry out the troubleshooting of the industry.
 - Maintenance Engineer for low voltage circuits, motors, pumps electronic production machines.
 - Create low voltage circuits to operate the new machines.
- Field of experience** :
- 1 years in Refining Company (ERC) with EPROM at Egyptian Refining Company.
 - 4 years in LNG Company (SEGAS) with Union Fenosa Gas as Field Operator.
 - 4 years in power station plant with (Electrical De France) as (2 years as Field Operator, 2 years as Control Room Operator).
 - 4 years in Oil and Gas Company with (Technip KTI) as (2 years as Field Operator, 2 years as Control Room Operator).
 - 1 year in Chemical Production Company with (EI-Nasr Company) as an Electrical Engineer.