

Holds a B. Sc. in Mechanical Power Engineering and has over 15 years hands-on experience working in operation, commissioning and start-up.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 20/11/1974
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2000

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: SGT 700 (Siemens Gas Turbine-700) training (Siemens).
: Gas Compressor (MBV 12 8A) (Siemens).
: SCADA system.
: DCS system at Sidi Krir Power Plant.
: OSHA general industry safety & health.
: OSHA construction safety & health.
: Fire Fighting training (Petro-safe Company).
: HSSE permits to work and hazard awareness.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2018 till now
Employer : Schlumberger
Job Description : Shift Leader for commissioning, start-up and early operation for:

- SOUR LIQUID PROCESSING UNIT.
- Thiopaq O&G gas Desulfurization Unit.
- Acid Gas Removal Unit (Amine Unit).
- BOP.

Dates : From Dec. 2015 till Feb. 2018
Employer : Kharafi National – Kuwait
Project : WWTP and Reclamation Plant (GE)
Job title : Lead Commissioning Engineer

Dates : From Jun. 2015 till Dec. 2015
Employer : GE – Egypt
Project : New Assiut Simple Cycle Power Plant 8x125MW
Job title : Commissioning & Start-up Engineer for Balance of Plant (BOP) equipment
Job Description :

- Liquid distillate oil forwarding system.
- Liquid distillate oil unloading system.
- Heavy oil system.
- Demi water system.
- Air compressed system.

Dates : From Sep. 2014 till May 2015
Employer : Techint – Egypt
Project : El Sokhna Power Station
Job title : Commissioning & Control Room Operator for start-up and early operation for BOP equipment
Job Description :

- Condensate pump.
- Boiler feed water Turbine pump.
- Service water pump.
- Circulating water pump.
- Closed cooling pump.
- Low pressure and High pressure feed water heaters (shell and tube) including its Steam Extraction.
- Auxiliary Boiler 36MW.
- Air compressor system including Instrument and Service air.

Dates : From Nov. 2013 till Aug. 2014
Employer : Tecnimont KT – Italy
Job Description :

- Operation and Maintenance department to prepare training Course in Sulphur Recovery Unit.
- Operation and Maintenance department to prepare Baiji Refinery (IRAQ) Hydrogen Unit assessment survey.
- In Qatar as a Trainer for Sulfur Recovery Unit (Qatar Gas SRU4 Project).

Dates : From Jul. 2012 till Jul. 2013
Employer : Tecnimont KT – Italy
Project : LMG Refinery Project in Poland (Sowia Gora)

- Job Description** : • Shift Team Leader for commissioning, start-up and early operation of following gas treatment units:
- Sulfur recovery unit: Thermal reactor, waste heat boiler, reactors, condensers, degassing system, incinerator, sulfur loading, burners.
 - Sulfur Loading station.
 - LPG molecular sieve unit: LPG treaters, regeneration air cooler, regeneration electrical trim heater, regeneration steam heater, regeneration separator.
 - NG molecular sieve unit: NG treaters, regeneration air cooler, regeneration electrical trim heater, regeneration steam heater, regeneration separator.
 - Sulfinol unit: Regeneration gas inlet separator, regeneration gas absorber, sulfinol regenerator, sulfinol reflux pump, Regeneration Gas Compressor, sulfinol reboiler, lean/rich sulfinol exchanger, lean sulfinol pump.
 - Amine unit: Rich amine flash drum, amine absorber, corrosion inhibitor package, flash gas scrubber, amine reboiler, amine regenerator, lean amine pump, reflux pump, amine circulation pump.
- Managing as Shift Leader the operation team in charge.
 - Monitoring and operating the plant equipments from control room through control system (DCS).
 - Responsible for safe start up and shut down of plant facility in accordance with equipment vendor recommendations and guidelines, both in normal and emergency situations.
 - Diagnosing and troubleshooting plant operation.

Dates : From Oct. 2007 till Jun. 2012

Employer : KTISTAR

Project : El Arish Gas Compression Station, El Arish, Egypt

- Job Description** : • Shift Team Leader (from Jun. 2009 till Jun. 2012):
- Responsible for Safe operation & start-up & shutdown for all the plant (through SCADA system) including:
 - Filtering system.
 - Metering station (Ultrasonic & Turbine Flow meter).
 - Discharge gas cooler.
 - Pig launcher.
 - Siemens gas turbine "SGT 700 - 30MW".
 - Siemens turbo compressor "STC - 12 MV 8A".
 - Transformers (22KV/400V).
 - Air compressors "Atlas cop-co ZR 145".
 - Desalination unit R-O type.
 - Fire fighting & raw water pumps.
 - Diesel generator (380V-2 MW) C.T.M Italy.
 - Unit Daily supervision & operation activities:
 - Supervise the control room and field operators.
 - Take all necessary action to correct any incident during normal operation.
 - Maintain plant in healthy and safely satiation by correct any malfunction of equipments.
 - Follow equipment defects & inform maintenance to correct the defective equipments.

- Supervise the preparation of the isolation & safety conditions for maintenance staff to correct defect in equipments.
- Responsible for emergency plan applied.
- Follow up maintenance activity progress during shift.
- Prepare reporting for management for plant situation during the day.
- Achieve the day gas quantity deliver.
- Control Room Operator (from Jun. 2008 till Jun. 2009):
 - Responsible for Safe operation & start-up & shutdown for all the plant through SCADA system.
- Pre-commissioning and commissioning (from Oct. 2007 till May 2008) including:
 - Hydrostatic and leak test by air, nitrogen and natural gas.
 - Air blowing for all boosting station systems.
 - Punch list preparation.
- System handover from the following vendors:
 - Siemens gas turbine (SGT-700).
 - Atlas Copco air compressors.
 - Fire fighting pump.
 - Raw water pump.
 - R.O unit for distillate water.
 - Valvitalia gas filters.
 - Turbo compressors (Siemens).
 - HVAC System.
- Achievement in Italy (Roma) (Nov. 2010): Participation in modification of SCADA pages.
- Achievement in Italy (Roma) (Mar./Apr. 2012): Participation in Writing of procedures for start-up, shut down and purging for LMG gas Refinery Plant in Poland.

Dates : From Jun. 2003 till Oct. 2007

Project : Sidi Krir Steam Power Plant (2x320MW – Siemens Steam Turbine), Alexandria

Job title : DCS Panel Operator

Job Description :

- Responsible for safe operating for the power station; start-up, shutdown and follow up all auxiliaries such as:
 - Boiler feed water pump including turbine driven pump.
 - High and low pressure closed type feed water heaters and open type feed water heaters.
 - Condensate pumps.
 - Circulate water pumps.
 - Service water pumps.
 - Closed cooling pumps.
 - Compressed air system.
- Boiler operation processes, e.g. boiler start-up and normal operation, air control, fuel control, soot blowing, and both natural gas and oil (Mazout) firing.
- Turbine and its auxiliaries:
 - Lube & Control oil systems.
 - Seal oil & Seal steam systems.
 - Condense vacuum system.
 - Evacuation water system.

- Generator cooling & filling systems.
- Turbine extraction & drain systems.
- Electrical:
 - Switchgear, LC, MCC.
 - Generator 21KV.
 - Diesel engine (1.25MW).
 - Main transformer (21 : 225KV).
 - Auxiliary transformer (21 : 6.3/6.3).
- Desalination plant:
 - 5000 ton/day MSF processes.
 - Brine Below down pump.
 - Brine Recirculating pump.
 - Vacuum ejector system.
 - Condensate pump.