

Holds a B. Sc. in Mechanical Power Engineering and a Diploma in Mechanical Engineering (Power Stations). Has over 6 years hands-on experience, mainly working in operation field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/12/1986
Gender : Male
Residence : Assiut

EDUCATION

- : B. Sc. in Mechanical Power Engineering, Assiut University, 2009
- : Diploma in Mechanical Engineering (Power Stations), Assiut University, 2011-2013
- : Master in Energy Engineering, TU Berlin, Berlin (Germany) (from 2016 till now)

LANGUAGES

Arabic : Native Language
English : Good
German : Good
French : Basics

COMPUTER SKILLS

- : Windows, MS Office (Word, Excel, Power Point), Internet

TRAINING COURSES AND CERTIFICATIONS

- : Rules of Engagement for Contractor Passport, General Electric (GE), Cairo (Egypt) (Oct. 2015).
- : On Grid & Off Grid Photovoltaic Systems, New and Renewable Energy Authority, Cairo (Egypt) (Nov. 2014).
- : Training in Hydraulic and Basic Industrial Applications, Jelecom Egypt, Assiut (Egypt) (Oct. 2013).
- : Training in Operations Works in Integrated Solar Combined Cycle Power Plants, Orascom Construction Industries & Flagsol GmbH, El-Kureimat (Egypt) (Feb./Mar. 2012).
- : Training in HSE & Fire Prevention, Orascom Construction Industries & Flagsol GmbH, El-Kureimat (Egypt) (Feb./Mar. 2012).

- : Training of Gas Turbine & Combined Cycle (all about Combined Cycle (Gas Turbine, Heat Recovery Steam Generation, Steam Turbine) & how can it operate and all about maintenance), Upper Egypt for Electricity Production Co., El-Kureimat (Egypt) (May 2011).
- : Training in Oil Refining, Assiut Oil Refining Co. (ASORC), Assiut (Egypt) (Jul./Aug. 2006).
- : Training HR.
- : Certificate of ICDL V4.
- : Training in AutoCAD 2006 (2D).
- : Training in Solid Works 2008.
- : Training in PLC S7.
- : English (IELTS).
- : German (Goethe).

CHRONOLOGICAL EXPERIENCE RECORD

Dates	: From Jan. 2011 till now
Employer	: New and Renewable Energy Authority, Cairo (Egypt)
Project	: El-Kureimat Power Station
Job title	: Power Production Plant Operator
Job Description	: <ul style="list-style-type: none"> • Shift Engineer in 140MW Integrated Solar Combined Cycle (ISCC) El-Kureimat Power Station, that include: GE (6001FA) gas turbine, Siemens (SST-900), HRSG (NEM), Kettle Boilers (NEM), Concentrated Solar Power (CSP)(Flagsol GmbH), Auxiliaries Pumps, Fire Pumps, Diesel Engines and Transformers. • Local Operator: Follow up and check all equipments that is operating properly and in proper case to operate. • Desk Operator of gas turbine and steam turbine: <ul style="list-style-type: none"> - Working on Mark VI and PCS7. - Follow up the operation of gas turbine and steam turbine and taking good decision in good time if any troubleshoot occurred. • Desk Operator of Balance of Plant (BOP): Working on DCS to start heat recovery steam generation in different case operating (cold, warm and hot), auxiliaries pumps, cooling tower and transformers control, and making plant start and operate smoothly. • Desk Operator of solar field: <ul style="list-style-type: none"> - Operate and follow up Concentrated Solar Power, temperature gradient and distribution in solar collectors and auxiliaries pumps. - Follow up solar collectors tracking and check that in proper case for operate and generate MW thermal. • Plant Shift Engineer, responsible for: <ul style="list-style-type: none"> - Supervise, instruct and coordinate with the assigned crew to fulfill their job. - Monitor and optimize plant operation. - Assure satisfactory operation of the plant (boiler, turbine, generator). - Maintain detailed logs for all operation activities. - Discover and maintain any unusual condition of any equipment operation. - Report the work orders of preventive and breakdown maintenance

of any equipments.

Dates : From Jun. 2015 till Nov. 2015
Employer : [EGYPTROL](#) Co. for Engineering Services, Cairo (Egypt)
Project : General Electric Company GE in GE AERO SERVICES Egypt Project (Site El-Hamara, New Assiut and Bani Ghalib in Assiut)
Job title : Power Production Plant Operator
Job Description :

- Start-up the turbine and check all the equipment is ready for start.
- Follow up the operation of turbine and check the equipment is running properly without any strange action.
- Doing all maintenance required to equipment.
- Log all the events that happened and take the right action to maintain the equipment running properly.
- Supervise, instruct and coordinate with the Egyptian Electricity Production Co. Engineers and Technicians to fulfill their job for properly running of turbine.

Dates : From May 2014 till now
Employer : The Egyptian Association for Renewable Energy and Environment, Cairo (Egypt)
Job title : Vice Chairman and Founder Member (Volunteer Work)
Job Description :

- Interested about all everything related to renewable energy.
- Doing seminars in universities and training courses in renewable energy.
- Working to raise awareness of environmental protection and culture necessary for conservation of nature.
- Organizing field visits for all interested to all sites related to renewable energy and recycling projects.
- Connecting with all company international and local to know everything new in CSP – PV – Wind turbine – all renewable energy and environment protection projects.
- Contacting with all company that can contribute to protected environment and execute the perfect ideas that useful for environment and energy.

Dates : From Oct. 2010 till Dec. 2010
Employer : Universal Industrial & Medical Gases Assiut Co., Assiut (Egypt)
Job title : Mechanical Engineer
Job Description :

- Planning and establishing preventive maintenance schedules.
- Reviewing scope of work, technical specification and basic detailed engineering design packages.
- Establishing and standardizing spares, equipments and tools required for effective maintenance works.
- Equipments working on:
 - Reciprocating Compressor.
 - Refrigeration Machine.
 - Expansion unit.
 - Cooling box.
 - Cooling tower.
 - Centrifugal pump.

Further Skills:

- Good experience in internal combustion engines.
- Good experience in refrigeration machine and air conditioner system.
- Good knowledge about fire fighting system.