

Holds a B. Sc. in Mechanical Engineering and has over 16 years' experience working in maintenance, operation, commissioning and start-up at several Power Plants.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 02/01/1979  
Gender : Male  
Marital Status : Married  
Residence : Damanhour

## **EDUCATION**

: B. Sc. in Mechanical Engineering, Alexandria University, 2005  
: Postgraduate Diploma in Power Station, 2021

## **LANGUAGES**

Arabic : Native Language  
English : Excellent

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

: Training course from Abu Qir Training Center on Operation of Combined Cycle Power Station (Gas Turbine and Steam Turbines).  
: Vibration and alignment of rotating machine.  
: Operation of gas turbine from Mark II.  
: Operation of steam turbine.  
: Training course from ABB Comp. for Operation of gas turbine using 800 XA control system.

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Nov. 2018 till now  
**Employer** : West Delta Electricity Production Co.  
**Job title** : Turbine Maintenance Engineer at steam turbine 300MW and all its auxiliaries

**Dates** : From Aug. 2017 till Oct. 2018  
**Employer** : [EGYPTROL](#), AC Boilers Subcontractor  
**Project** : AL-SHABAB Combined Cycle Power Plant 1500MW  
**Job Description** : Shift Leader at two modules, each module consists of 4 HRSG, Start-up and Commissioning Engineer.

**Dates** : From May 2016 till Aug. 2017  
**Employer** : West Delta Electricity Production Co.  
**Job title** : Turbine Maintenance Engineer at steam turbine 300MW

**Dates** : From Jun. 2015 till May 2016  
**Employer** : [EGYPTROL](#), GE Energy Subcontractor  
**Project** : Al Hamra – GE TM 2500  
**Job title** : Operator Engineer  
**Job Description** :

- Responsible for operation of 4 units TM 2500, 25MW.
- Preparation the unit for operation (mechanical & electrical).
- Start-up from stand still till base load and monitoring it.
- Shut down till stand still.
- Off line compressor water wash.
- Change low pressure liquid fuel filter.
- Change high pressure liquid fuel filter.
- Clean the chip detectors.
- Increase the turbine lube oil or change it.

**Dates** : From Jul. 2014 till Jun. 2015  
**Employer** : [EGYPTROL](#), AC Boilers Subcontractor  
**Project** : Two Heat Recovery Steam Generators of the 750MW Banha Combined Cycle Power Plant  
**Job titles** : HRSG Operator, Start-up & Commissioning Engineer  
**Job Description** :

- Checking the completing of erection works.
- Supporting and follow all pre-commissioning activities as hydro tests and chemical cleaning procedures.
- Restoration all valves/components after chemical cleaning.
- Carry out walk down with all disciplines officially and make punch items to release commissioning to start.
- HRSGs line up and initial filling and initial firing.
- Carry out steam blowing for all steam lines.
- Carry out all boiler Pumps and motors solo run and heat run tests.
- Hanger supports cold setting adjusting and hot setting checking during boiler running.
- Safety valves pop up testing and test gags removing.
- Function check for all signals and valves.
- Startup/shut down sequence checking as per manufacture instructions.
- Trouble shooting supporting and maintenance program making as per vendor recommendations.
- Carry out performance tests.
- Documents making and turn over all packages to owner.

**Dates** : From Dec. 2013 till Jul. 2014  
**Employer** : West Delta Electricity Production Company  
**Job title** : Shift Charge Operation Engineer

**Dates** : From Aug. 2013 till Dec. 2013  
**Employer** : Saudi Electricity Company  
**Job title** : Instructor

**Dates** : From Jun. 2008 till Aug. 2013  
**Employer** : West Delta Company for Electricity Production  
**Job title** : Shift Charge Operation Engineer  
**Job Description** :

- 4 units Hitachi Gas turbine unit 25MW, 4 HRSG and one steam turbine 50MW.
- Preparing Auxiliaries equipment's.
- Start-up and shut down for Auxiliaries, Gas turbine, HRSGs and steam turbine using DCS or field.
- Operate from Black Shutdown.