

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 8 years hands-on experience working in I&C field at Power Plants.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 27/06/1984  
Gender : Male

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Assiut University, 2007

## LANGUAGES

Arabic : Native Language  
English : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

: Level (10) Certificate in English language (writing, reading, speaking) from American Center for continuing education (ACCE).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jul. 2016 till now  
**Employer** : ELSEWEDY PSP  
**Project** : Beni Suef Combined Cycle Power Plant (4x1200MW)  
**Job title** : I&C Commissioning Engineer  
**Job Description** :

- Make hot loop check for all turbine instruments and adjustments for all mounted valve limit switches.
- Doing the gab voltage adjustment for GT/generator bearing relative vibration system and check the signals with vibrometer monitoring system.
- Support mechanical stuff in adjusting IGV/VGV system and calibrate the cubler position sensor.
- Check and completeness of the handed over construction work and working to close all LOP (LIST OF OPEN POINTS).
- Siemens TCS signal hot loop check and testing for all interconnection

cables.

- Hot loop check for all interface signals with SWGR's and other packages.
- Hot loop check for all interface signals of water treatment plant for several types of instruments PH, COND, SILICA, TURBIDITY, and REDOX analyzers.

**Dates** : From Jan. 2016 till Jul. 2016  
**Project** : JEDDAH SOUTH THERMAL POWER PLANT - KSA (4x720MW)  
**Job title** : DCS Operation Engineer  
**Job Description** :

- Supercritical thermal power plant MITSUBICHI BOILER AND TURBINE operated with DCS (Yokogawa and DAISYS) operating systems.
- Fuel firing with crude oil and heavy oil.
- Auxiliaries systems contain (SCR, EP AND FGD).

**Dates** : From Jul. 2015 till Jan. 2016  
**Project** : SIEMENS GAS TURBINE ATAQA SUEZ – EGYPT (4x160MW)  
**Job title** : DCS Operation Engineer  
**Job Description** : Siemens (4x160) gas turbine SGT- 2000E operated with (Siemens T-3000) operating system.

**Dates** : From Mar. 2015 till Jul. 2015  
**Project** : Assiut Thermal Power Station - EGYPT 300MW  
**Job title** : Commissioning Engineer  
**Job Description** :

- Pre-Commissioning Requirements for all Boiler piping and equipment's.
- Boiler equipment (FDF, GRF, BRP, GAH) commissioning such as Motor solo test, No load test and load test.
- Boiler piping and ducts commissioning including Hydrostatic test, chemical cleaning, Air blowing, Air balance test, Initial firing and Steam blowing.

**Dates** : From Jun. 2014 till Mar. 2015  
**Employer** : Techint Heavy Industries & Construction Co. (CP-118)  
**Project** : AL EIN AL SOKHNA SUPERCRITICAL 2x650MW  
**Job title** : Operation Engineer  
**Job Description** :

- Commissioning and start-up Requirements for Condensate extraction and feed water pumps.
- BOP systems commissioning and start-up (Heavy fuel oil, light fuel oil, Reboiler system, and CCW, CW, LP and HP heaters).

**Dates** : From Jan. 2014 till Jun. 2014  
**Employer** : Doosan Heavy Industries & Construction Co. Ltd. (CP-105)  
**Project** : AL EIN AL SOKHNA SUPERCRITICAL 2x650MW  
**Job title** : Commissioning Engineer  
**Job Description** :

- Boiler equipment (FDF, GRF, BRP, GAH) commissioning such as Motor solo test, No load test and load test.
- Boiler piping and ducts commissioning including Hydrostatic test,

chemical cleaning, Air blowing, Air balance test, Initial firing and Steam blowing.

**Dates** : From 2009 till 2013  
**Project** : Assiut Electric Thermal Power Plant (2x300MW)  
The power block consisting of two 300MW units TOSHIBA & ANSALDO with two boiler types CCRRP and natural circulation respectively and each have feed water system consisting of steam turbine feed pump and two motorized feed water pumps.  
**Job title** : Operation Engineer  
**Job Description** :

- Turbine & auxiliaries operation (Toshiba & Ansaldo) and reporting the equipment condition during normal operation, start-up and shut-down.
- Boiler & auxiliaries operation (Mitsubishi & Ansaldo) and reporting the equipment condition during normal operation, start-up and shut-down.
- Feed water pump system which consists of steam turbine feed water pump and two stand by motorized feed pumps (6.3KV).

**Dates** : From 2009 till 2012 (part time)  
**Employer** : Coca-Cola Assiut Factory  
**Job title** : I&C Maintenance Engineer  
**Job Description** : Maintenance of electrical and air pneumatic systems with very good knowledge of Siemens PLC STEP-7.

**Field of experience** :

- Good experience in operation of thermal supercritical and simple cycle power plants.
- Experience in Siemens power plant automation SPPA-T3000.
- Good understanding of KKS identification system related to Siemens Gas turbine systems.
- Gas Turbine processes checking up / Function testing for I&C related systems.
- Good understanding of several operating systems such as ABB, Yokogawa, DAISYS, T3000.
- Solution provided for power plants and water treatment plants.
- Analyze maps, reports, tests, drawings, and other data to design and plan the work.