

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 2 years hands-on experience working as I&C Engineer at Power Plants.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 16/08/1990  
Gender : Male  
Marital Status : Married

## **EDUCATION**

: B. Sc. in Electrical Power & Machines Engineering, New Cairo Academy, 2014

## **LANGUAGES**

Arabic : Native Language  
English : Very Good

## **COMPUTER SKILLS**

: Windows, MS Office (Word, Excel, Access, Power Point), Internet  
: Visual Basic  
: AutoCAD

## **TRAINING COURSES AND CERTIFICATIONS**

: PLC (basic) Certificate.  
: PLC (advanced) Certificate.  
: Experience Certificate from Fayed Training Center.  
: Classic Control Certificate.  
: The Preparing Program for Graduate Electrical Engineers.  
: Training at Ayon Mousa Station.  
: Training at Attaka Station.

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Nov. 2017 till now  
**Employer** : Orascom Construction  
**Project** : ASSIUT Combined Cycle ADD on Power Plant 500MW

- Job title** : I&C Commissioning & Start-up Engineer
- Job Description** :
- Cold loop check, hot loop check.
  - Testing all the signals between the DCS and the MCC.
  - Preparing Function Test Procedure for BOP Systems.
  - Performing the Function Test procedure for the BOP Systems.
  - Start-up for the Systems.
- Dates** : From Oct. 2016 till Nov. 2017
- Employer** : ELSEWEDY PSP
- Project** : Beni Suef Combined Cycle Power Plant 4800MW
- Job title** : I&C Commissioning & Start-up Engineer
- Job Description** :
- Make hot loop check for all GT turbine & HRSG & ST 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).
- Dates** : From Apr. 2016 till Oct. 2016
- Employer** : ELSEWEDY PSP
- Project** : Attaqa Simple Power Plant (165MW x 4 Units) Siemens (SGT5-2000E)
- Job Description** :
- Testing and hot commissioning for Fuel oil skid and signal loop checking.
  - Following the submitted pre-commissioning and commissioning activities, pre-commissioning & commissioning plan.
  - Responsible for checking signals between Control System and Gas Turbine field devices. Responsible for testing the functionality and protections, as well as tuning and optimizing the Gas Turbine Operations.
  - Ensure work is carried out in accordance with relevant Codes, Standards and Procedures (Company and Project).
  - Advise on fabrication, construction, installation and commissioning completion techniques.
  - Serve as technical specialist in all matters relating to commissioning completion and start-up of all instrumented systems and equipment.
  - Check all signal interfaces between TCS and BOP system.
- Field of experience** :
- Good experience in implementing control solutions in GT systems.
  - Gas Turbine processes checking up / Function testing for I&C related systems.
  - Experience in Siemens power plant automation SPPA-T3000.
  - Good understanding of KKS identification system related to Siemens Gas turbine systems.
  - Professional implementation of the process control philosophy and drives logic.
  - Solution provided for power plants and water distillation plants.
  - Responsibility of commissioning for DCS systems and performing the

- required other systems interfaces.
- Main focus on process control designing.
  - Analyze maps, reports, tests, drawings, and other data to design and plan the work.