

Holds a B. Sc. in Electronics & Communication Engineering and has about 10 years of experience in commissioning, testing and maintaining DCS systems, instrumentation, and control valves in Emerson Ovation, ABB Symphony+ and Siemens SPPA T3000 systems, with hands-on experience in fire detection systems, calibration, MCC testing, and transformer testing.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 21/06/1990
Gender : Male
Marital Status : Married
Residence : Helwan, Cairo

EDUCATION

: B. Sc. in Electronics & Communication Engineering, Theba Academy, 2013

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

: Ansaldo Energia, Italy:

- Emerson (Ovation) Maintenance Training.
- Hydraulic and Control Systems (Valvitalia) Operation.
- Combined Cycle Conversion Maintenance.

: CEPC Training Center: Operation and Maintenance of gas and steam turbines.
: Qatamyia Cement Factory: Siemens PLC & Automation Systems.
: Thebes Academy: Microcontroller Programming.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2019 till now
Employer : Cairo Electricity Production Company (CEPC)
Project : 6 October CCPP

- Job title** : I&C Maintenance Engineer
- Job Description** :
- Executed routine and major maintenance of Ansaldo gas turbines including inspection, calibration and replacement of critical components to ensure optimal performance.
 - Maintenance of DCS systems (Emerson Ovation, ABB Symphony and Siemens SPPA T3000), including programming and HMI development.
 - HRSG boiler maintenance in combined cycle power plants.
 - Calibration and maintenance of field instruments: pressure, temperature, flow, and vibration sensors.
 - Troubleshooting and maintenance of control valves and actuators (hydraulic, pneumatic).
 - Maintenance and testing of fire detection systems.
 - Executing transformer tests: Tan Delta, Insulation Resistance, TTR, and Winding Resistance.
 - Reviewing and updating logic diagrams and system graphics.
 - Supervised LV/MV panel installation, cable laying, and Megger testing.
- Dates** : From Jun. 2020 till Apr. 2021 (part time)
- Employer** : El Safwa Contracting
- Project** : Emaar Mivida Compound
- Job title** : Electrical Site Engineer
- Job Description** : Site supervision, drawing review, system inspection and technical troubleshooting.
- Dates** : From May 2017 till May 2019
- Employer** : Cairo Electricity Production Company (CEPC)
- Project** : 6 October CCPP
- Job title** : Commissioning Engineer
- Job Description** :
- Performed installation, pre-commissioning and commissioning of HRSG boiler systems in combined cycle power plants including instrumentation control valves and integration with DCS.
 - Installation, Commissioning and Calibration of all instrumentation devices.
 - DCS panel Testing and verification.
 - Review PIDs, Loop Drawing, Logic diagram, and layout drawing.
 - Coordinating with clients on as-built documentation and technical queries.
- Dates** : From May 2016 till Apr. 2017
- Employer** : Select Mobile
- Job title** : IT Engineer
- Job Description** : IT support and system maintenance across four retail branches.
- Field of experience** :
- DCS Systems (Emerson Ovation, ABB Symphony and Siemens SPPA T3000).
 - Instrumentation Calibration (Pressure, Temperature, Flow, Level).
 - Loop checks and Function checks of field instruments and control valves.

- Fire & Gas Detection Systems.
- Pneumatic and Hydraulic Valve Systems.
- Control Valve Maintenance (AUMA, I/P converters, Positioners).
- FAT & SAT.
- Power Transformer Testing (Tan Delta, IR, TTR, WR).
- MCC panel testing (Visual inspection, IR, Contact Resistance Testing, Functional testing, and Wiring verification).
- OPC Integration and Network Communication.
- PLC Systems (Siemens S7 300, 400 and 1200).
- Safety and compliance adherence to plant procedures standards.
- Preventive and predictive maintenance.
- Technical Drawings (P&ID, Loop Diagrams, Logic Diagrams).
- IR, MIR, RFI, As-built Documentation.