

# 101377-CSX-15CDMQS-E-2012

## DCS Commissioning Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 4 years of experience in the fields of Industrial Process control systems, instrumentations and Electrical panel building.

### PERSONAL DATA

Nationality : Egyptian  
Birth Date : 21/09/1987  
Gender : Male  
Marital Status : Single  
Residence : Giza, Cairo

### EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2012

### LANGUAGES

Arabic : Native Language  
English : Very Good

### COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD 2D and Dialux lighting software  
: Matlab (Simulink)  
: Mikro-C and Proteus microcontroller applications

### CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Nov. 2017 till now  
**Employer** : GE – Orascom Construction Consortium  
**Project** : New Assiut Combined Cycle Power Plant  
**Job title** : DCS Commissioning Engineer  
**Job Description** :

- Implement commissioning and testing program for HRSG's and BOP DCS (GE Mark Vie) systems.
- Perform a detailed review of P&ID's and engineering documents.
- Prepare function test procedures as required.
- Interface with other departments and vendors to support testing activity.
- Supervise the implementation of interface between Mark Vie and third party system (ABB Symphony +).
- Prepare and maintain system Turnover Package.

- Participate in the systems and DCS cabinets walk down process to ensure system is complete and ready for energize.
- Monitor the facility's DCS operation and performance, provide technical support and troubleshooting.

**Dates** : From May 2017 till Oct. 2017  
**Employer** : Thrust Automation LLC – Dubai  
**Project** : Acasia Fire-Fighting cylinder mixing and filling production line  
**Job title** : Automation Engineer (Project Contract)  
**Job Description** :

- Study the P&ID& loop drawings for logic interpretation and logic building.
- Software Development & commissioning and start-up for PLC based control system.
- Conduct site surveys and capture technical requirements.
- Commissioning of field instruments (transmitter, switches & actuators).
- Prepare and design the required drawings for control system panel.
- Supervise and follow-up panels manufacturing works.
- Prepare the training, operation and maintenance manuals.

**Dates** : From Sep. 2014 till Mar. 2017  
**Employer** : Quasi-Systems for energy and control solutions (Schneider Electric system integrator and ABB drives service provider)  
**Projects** :

- Software development and Commissioning for Power SCADA System for New Assiut Power Plant, Egypt with Schneider-Electric Egypt.
- Software development and commissioning for Power SCADA System for Damietta Power Plant, Egypt with Schneider-Electric Egypt.
- Software development and commissioning for control and monitoring system for Sounboula Mills FZE, Dubai, UAE.
- Design, software development & commissioning of control and monitoring system for Uptown Cairo water pumping station with Schneider-Electric Egypt.
- Design, installation, and commissioning of Siemens Control system (PLC + HMI) for water treatment unit at Naga Hammadi Sugar factory.
- Software development and commissioning for Siemens SCADA system for Middle East oil extraction factory.
- Installation and commissioning for the control system and MCC panels, golf irrigation system, Katamya heights, Egypt.

**Job title** : Automation & Service Engineer  
**Job Description** :

- Software Development, installation, commissioning and start-up the monitoring and control system for the industrial process.
- Prepare the technical and financial proposals for prospect projects.
- Test and troubleshoot machines and control devices.
- Attendance to regular maintenance program as per maintenance contracts.
- Commissioning and start-up for AC drives (ABB and Schneider).
- Furnish the technical and financial proposals for prospect projects.

**Dates** : From May 2013 till Aug. 2014  
**Employer** : ALDAWLIA – IEC (Panel builder partner for Schneider Electric)

**Job title** : QC Engineer

- Job Description** :
- Ensure that the products (panels) comply with international standards.
  - Apply routine tests on each product.
  - Evaluate the current state quality of products and report that to the manager.
  - Set a weekly production plan.
  - Directing and follow up all production sectors to achieve the production plan.
  - Handling the customer complaints during the factory acceptance test (FAT).

Technical Skills:

- Good dealing with PLC units (Schneider-Electric and Siemens) in both H/W and S/W.
- Familiar with different types of plc programming languages (STL, LD and FBD).
- Ability to work on different types of PLC, HMI, SCADA and DCS software's.
- Ability to work with different types of AC Variable speed drives (ABB, Schneider, Siemens, etc.) – Certified Service Engineer for ABB drives Egypt.
- Good knowledge of automation communication protocols (Modbus, Profibus, Profi-net, etc.).

- Field of experience** :
- System Engineer with over 4 years of experiences in the fields of Industrial Process control systems, instrumentations and Electrical panel building.
  - I worked in various process natures such as Power Plants, Water Pumping Stations, Water Treatment and O&G Plants.
  - Have experience in software development, installation, commissioning, and maintenance works for industrial control systems.
  - Ability to deal with PLC units, HMI units, and DCS systems from well-known manufacturer such as GE, Siemens, Schneider, ABB, Allen Bradley.