

# 104392-ICX-14CDGMS-E-2007

## I&C Commissioning Engineer

Holds a B. Sc. in Communications & Electronics Engineering and has about 8 years of experience in power plants, Refinery and oil & gas. He is proficient at delivering customer satisfaction through design, analysis, installation, commissioning and maintenance of electrical, electronic, mechanical, analytical measurement and control systems in accordance with user requirements and accepted industry standards and procedures.

### PERSONAL DATA

Nationality : Egyptian  
Gender : Male  
Residence : Alexandria

### EDUCATION

: B. Sc. in Communications & Electronics Engineering, Alexandria University, 2007

### LANGUAGES

Arabic : Native Language  
English : Good

### COMPUTER SKILLS

: Windows, MS Office, Internet  
: AutoCAD  
: C#  
: ANDROID App. Development

### CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Nov. 2016 till now  
**Employer** : Siemens  
**Project** : New Capital Power Plant  
**Job title** : I&C Commissioning Engineer  
**Job Description** :

- Deliver the Project KPI's for Delivery, Quality, Safety, Cost and customer satisfaction through the check out, set-up and Commissioning support of the I&C work scope and the detailed interface and support to the I&C lead to ensure all project requirement are met.
- Work with the DCS (T3000) Team to accurately complete the instrument check outs, instrument calibrations and stroke testing, system function testing, troubleshooting / rectification and punch list cleaning to ensure the instrumentation is ready for commissioning and start-up within the

time constraints of commissioning program for GAS TURBINES (SGT5-8000H) & BOP.

- Handle, maintain tasks, troubleshooting and do all necessary modification requirements for DCS system.
- Carry out the works by system, as directed by the lead, to meet the commissioning schedule and sequence.
- Complete and provide all testing and verification documents to the TOP Team to support the handover process.
- Provide "as Built" red line drawing and documentation for any changes or modifications.
- Ensuring that all commissioning activities are completed in accordance with the project Health, Safety, Security and Environmental requirements.

**Dates** : From Jun. 2015 till Nov. 2016  
**Employer** : EPROM  
**Project** : Egyptian Linear Alkyl Benzene (ELAB)  
**Job title** : Process Control Engineer  
**Job Description** :

- Ensure all activities and operations are carried out in line with existing safety rules, regulations and guidelines through diagnose problems and consults with others on solutions to unusual, difficult or complex tasks.
- During Plant pre-startup phase:
  - Participate in plant commissioning activities, rise control systems punch list items and warranty claims as appropriate.
  - Review vendors' documents, maintenance manuals and spare parts lists.
  - Draft Control Systems maintenance procedures necessary for plant operations and participate in CMMS development and implementation.
- During Plant Operational Phase of Project:
  - Handle, maintain tasks, troubleshooting and do all necessary modification requirements for DCS system (YOKOGAWA CENTUM 3000-Vnet/IP).
  - Handle, maintain tasks, troubleshooting and do all necessary modification requirements for ESD and FGS systems (HIMA Hq51RS-ELOP ||).
  - Handle, troubleshooting and do all necessary modification requirements for BLACK BOXES (COMPRESSORS, BMS, DEMI WATER UNIT, BOILER, SANITARY UNIT) PLC systems (ALLEN BRADLEY CONTROL LOGIX 5000).

**Dates** : From Mar. 2011 till Jun. 2015  
**Employer** : Alexandria National Refining & Petrochemicals Co. (ANRPC)  
**Job title** : Process Control Engineer  
**Job Description** :

- Ensure all activities and operations are carried out in line with existing safety rules, regulations and guidelines through diagnose problems and consults with others on solutions to unusual, difficult or complex tasks.
- New Units Commissioning and Upgrading old plant Systems:
  - Participate in the team which responsible of upgrade DCS system from Bailey INFI 90 to ABB AC800m and ESD system from SIEMENS S5 to ABB 800 HIGH INTEGRITY CONTROL.

- Participate in the team which responsible of engineering and commissioning of the new units (CCR new plant and Naphtha Hydro treating unit).
- Maintenance and operation for the old plant:
  - Handle, maintain tasks, troubleshooting and do all necessary modification requirements for DCS system (ABB 800X, BAILEY INFI 90).
  - Handle, maintain tasks, troubleshooting and do all necessary modification requirements for ESD and FGS systems (SIEMENS STEP7H, TRICONIX).
  - Handle, troubleshooting and do all necessary modification requirements for BLACK BOXES (COMPRESSORS, BMS, DEMI WATER unit, BOILER, SANITARY unit) PLC systems (ALLEN BRADLEY CONTROL LOGIX 5000).
  - Do all calibration, Designing, Hook-up, readjusting and hard/software maintenance for all field instruments (transmitters, control valves, switches, gauges, analyzers and Bentley Nevada) during shift.
  - Investigate plant and equipment trips and provide engineering recommendation.

**Dates** : From Mar. 2010 till Mar. 2011  
**Employer** : ASEC AUTOMATION  
**Project** : ELSEWEEDY CEMENT COMPANY AL SOUKHNA  
**Job title** : I&C Construction Engineer

**Dates** : From Mar. 2009 till Mar. 2010  
**Employer** : Egypt Gas  
**Projects** :
 

- NATGAS Rashid Filtering and Reducing Gas Station
- NATGAS EI-Mahmoudia Filtering and Reducing Gas Station
- GPC Abou Sanann exchange of old Hallon fire sys. with F200M

**Job title** : I&C Construction Engineer

Technical Skills:

- DCS:
  - SIEMENS SPPA-T3000.
  - YOKOGAWA CENTUM T3000.
  - ABB 800XA.
  - Bailey Infi 90.
- PLC:
  - SIEMENS S7-400.
  - HIMA Hq51RS-ELOP II.
  - Allen Bradley Control Logix 5000.
  - Triconex TRICON by Schneider Electric.
  - Schneider Electric MODICON.
- SCADA:
  - Wonderware.
  - WinCC.
  - FactoryTalk.
- Instrumentation:

- Control Valves.
- Transmitters.
- Bentley Nevada.
- Motorized Valves.
- Analyzers.

Core Competencies:

- Process Control.
- Commissioning.
- Instrumentation.
- Control Systems.
- Project Engineering.
- Automation.
- Gas Turbine Commissioning.
- SCADA systems.
- DCS.
- PLC.
- Analyzers.
- HAZOP study.