

106083-ICX-1CDMOS-E-2003
DCS Commissioning & Operation Engineer

Holds a B. Sc. in Communication & Digital Control Engineering and a Diploma in Digital Control System. Has over 17 years hands-on experience working in I&C field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/05/1977
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Communication & Digital Control Engineering, Alexandria University, 2003
: Diploma in Digital Control System, Alexandria University, 2005

LANGUAGES

Arabic : Native Language
English : Very Good
French : Basics

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: Frontpage
: AutoCAD 2018
: MS Visio 2016

TRAINING COURSES AND CERTIFICATIONS

: Management Skills & Techniques for Engineers, SAS Training Center, Dubai (2014).
: Siemens PLC S7- 300/400 Programming, Haward Technology Middle East, Dubai (2015).
: PLC & SCADA - Automation & Process Control, Osborne Engineering, Dubai (2016).
: Supervisory Skills Development, Apricot Group DMCC, Dubai (2016).
: Making powerful presentations and public speaking, Al-Gharbeya for Consulting and Training, Dubai (2017).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2021 till now
Employer : OHLA
Job title : DCS Commissioning & Operation Engineer
Job Description :

- Commissioning one combined cycle power plant CCGP one HRSG THEMEX 250 TPH / 77 bar / 522 deg c, BOP, Air cooled condenser ACC, DM plant and one steam turbine SIEMENS 62MW.
- Start-up and operation during reliability, performance and initial operation.

Dates : From May 2017 till Feb. 2020
Employer : Pioneer of Experta Consultant Engineering
Job title : Senior Electrical Engineer
Job Description :

- Design power and lighting systems.
- Design low current systems.
- Testing and commissioning (smoke management system, fire alarm system, building management system BMS, GRMS system and access control system).
- Coordinate and supervise all MEP work.
- Coordinate with third party inspection and commissioning for lift system and district cooling plant.
- Preparing outstanding and snagging report.

Dates : From Dec. 2013 till Feb. 2017
Employer : Dubai Electricity and Water Authority (DEWA), UAE
Job title : I&C Senior Engineer
Job Description :

- To maintain 3x235MW CCGT (Gas turbine Siemens V94.2, steam turbines FRANCO TOSI and HRSG) under control system DCS-ABB Symphony Harmony, and EWS composer 6.1.
- Coordinate with other departments to put plan for major and minor shutdown using MS Project, make schedule for preventive maintenance and technical support in field.

Dates : From Apr. 2010 till Dec. 2013
Employer : KHARAFI NATIONAL
Project : West Damietta, Egypt
Job title : I&C Commissioning Engineer
Job Description :

- To commissioning and start-up Gas Turbine (GE frame 9e under control system Mark VIe).
- Coordinate DCS commissioning (Yokogawa Centrum VP) to interface with Gas Turbine GE, GIS Schneider and water treatment (METITO).

Dates : From Sep. 2009 till Feb. 2010
Employer : ENEL Power and Ansaldo Consortium
Project : YANBOU MARAFIQ PLANT in Saudi Arabia
Job title : I&C Commissioning Engineer

- Job Description** : • Commissioning steam turbine and boiler Alstom 1x150MW under control system DCS-ABB-TENORI.
• Commissioning ESP + FGD (electro precipitator system and flue gas desulfurization) under control system PLC-Allen Bradley RSLOGIX 5000.
• Commissioning Emission Monitoring System (CEMS).
- Dates** : From Dec. 2004 till Sep. 2009
- Employer** : WDEPC
- Project** : Sidi Krir Power Plant
- Job title** : I&C Maintenance Engineer
- Job Description** : • Maintain steam turbine Siemens 2x340MW under control system DCS ABB upgraded to Symphony Harmony.
• Maintain auxiliary system, feed water pumps and compressor station.
- Field of experience** : • Senior Engineer for instrumentation and control system, field experience in electrical generation power plants, scope of work in maintenance, commissioning and start-up of (Gas Turbine, Boiler, Steam Turbine, water treatment systems, instrument & plant air systems and natural gas pressure reduction stations - NGPRS), work schedule based on managing by smart systems such as MAXIMO and SAP wave3, Commission of DCS & PLC - SCADA Automation systems, technical support and coordinate for mechanical and electrical departments, experience in planning for major and minor plant shutdown using MS Project software, tuning and upgrade PID drawing as per site condition, upgrading old control system and field instruments.
• Senior Electrical Engineer for construction and consultant company, to design power, lighting, switchgear, low current systems and smart building system using AutoCAD software, testing and commissioning all low current systems and smart building systems, supervision all mechanical and electrical field work MEP supervision, coordinate all MEP work, diagnostic all snagging work.
• Commissioning and start-up, signal diagnostic, modification, upgradation for the following systems:
- DCS ABB Symphony Harmony.
- DCS Yokogawa Centrum VP.
- PLC Allen Bradley RSLOGIX 5000.
- DCS METSO DNA.
- Cimplicity HMI/SCADA and Mark VIe.
• Technical Skills:
- Responsible Field Instrumentation Commissioning ENGINEER.
- Performing FAT & SAT for all the control panels and SCADA.
- Reviewing all loop drawings, hock up diagrams, wiring diagrams & P&ID drawings.