

104173-ICX-1CMO-E-2004
I&C Maintenance & Commissioning Engineer

Holds a B. Sc. in Electronic & Electrical Communication Engineering and a Diploma in Telecommunication Engineering. Has about 14 years hands-on experience working mainly in I&C field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 20/01/1983
Gender : Male
Marital Status : Married
Residence : Maadi, Cairo

EDUCATION

- : B. Sc. in Electronic & Electrical Communication Engineering, Menoufia University, 2004
- : Diploma in Telecommunication Engineering (Computer and Communication Networks Department), National Telecommunication Institute (NTI), 2008

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

- : Training Courses for Steam Turbine Generator I&C (ALSPA -P320 System TGC- V2+, Centrolog, Controbloc, Controcad, Bentley Nevada Vibration system) (Jul. 2010).
- : ABB s.p.s Power system division (Training Center Genova – Italy) (Jan. 2010):
 - Harmony BMS – Configuration & composer (Function code overview, Composer application and Harmony off-line & on-line configuration with composer).
 - Power Generation Portal FOR BMS Operation and Configuration (PGP Graphic Display Creation, PGP HW & SW Configuration and database config.).
- : ABB s.p.s Power system division (Training Center Genova – Italy) (Jun. 2009):
 - Harmony Base – Configuration (Harmony Architecture and Module Configuration with Function Code and Composer).

- Power Generation Portal Base and Configuration (PGP Architecture, Alarms & Events, Playback Archive, PGP Trends & Historical Archive).
- : Basic and site specific training courses, constituting a program of Concentrated of power plant equipment and system theory and application, Shoubra El-Kheima Power Station Training Center (from Oct. 2007 till Jan. 2008).
- : Type of operate the unit (Cold & hot start operation), Shoubra El-Kheima Power Station Training Center (Jul. 2007).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2008 till now
- Employer** : Cairo Electricity Production Company (CEPC)
- Project** : El-Tebbin gas/oil fired Thermal Power Plant 2x350MW
- Job title** : I&C Maintenance Engineer
- Job Description** :
- Responsible for maintenance, troubleshooting for Steam Turbine and Balance of Plant (BOP) Field Instrumentation.
 - Responsibilities including but not limited to:
 - Field instruments (ABB, YOKOGAWA, Rosemount, Endress+Hauser, Pepperl+Fuchs, VEGA).
 - Positioners (Fisher DVC6000series, ABB, Mansoneilan).
 - Actuator Valves (Emerson, Mansoneilan, CCI, Flowserve, Drehmo, auma, Rotork).
 - Bentley Nevada Vibration System (3500 system).
 - Control systems:

Good knowledge about:

 - ALSTOM – ALSPA – P320 – TGS – V2+.
 - ABB - Industrial Harmony INFI90 & Symphony Harmony.
 - Siemens SPPA T3000.
 - Siemens SIMATIC PCS7.
 - SView software and RSLogix for Allen Bradley.
 - Project Engineer, responsible for project analysis, Instruments and Control construction supervision.
 - Review and analyze the technical specification of tendered Consultancy Bids and contractors proposals for El-Tebbin Power Plant Project, Cairo.
 - Evaluating different bids and prepared reports on bids, proposals and participate in meeting with consultant and contractors to amend their proposal in order to meet the Power Plant requirements for the following:
 - Steam turbine (ALSTOM).
 - Compressor (centac & sierra) (Ingersoll-Rand).
 - Pump house (Circulating water pumps, Service water pumps, Raw water pumps) (TM.P).
 - Power block (Feed water pumps, Feed water booster pumps, Condensate pumps and Closed cooling pumps) (KSB).
 - Instrumentation construction.
 - Distributed Control System (DCS) (ABB).
 - Review submittals from contractors and evaluate it to meet the contracts.
 - Commissioning Engineer, responsible for project Commissioning &

Start-up for Field measurements Instrument (installation & calibration).

Dates : From Nov. 2017 till Apr. 2018
Employer : GE Power
Project : BALLOKI COMBINED CYCLE POWER PROJECT (PAKISTAN)
Job title : Freelancer
(I&C Commissioning Engineer for steam turbine ALSPA Controsteam V4E)
Job Description :

- Install the control system for steam turbine.
- Controsteam V4E, Perform the role of technical support during cold and hot commissioning.
- Support the Field Instrument Loop test, Calibration and Function check.

Dates : Aug./Sep. 2017
Employer : GE Power
Project : KIRIKKAL COMBINED CYCLE POWER PROJECT (TURKEY)
Job title : Freelancer
Job Description : I&C Commissioning Engineer for steam turbine ALSPA Controsteam V4E.

Dates : Nov./Dec. 2016
Employer : SIEMENS
Project : BENI SUEF PTOJECT – CCGP 4800MW (EGYPT)
Job title : Freelancer
Job Description :

- I&C Commissioning Engineer for SIEMENS Gas Turbine Frame SGT5-8000H.
- Responsible for commissioning I&C field devices for GT & Turbine Auxiliaries system (Instrument calibration, Loop Test, Function check).
- Supporting during the start-up.
- Completing the I&C commissioning documents and protocols.

Dates : From Mar. 2007 till Aug. 2008
Employer : Cairo Electricity Production Company (CEPC)
Project : Shoubra El-Kheima Power Plant (4x315MW) Steam Turbine + 35MW Emergency FIAT Gas Turbine
Job title : Operation Engineer

Dates : From Jan. 2005 till Mar. 2007
Employer : EL NEKHELY & BROTHERS Co. LTD
Job Description :

- Large Background of Electronics components & Electronic Circuits.
- Enable to maintenance & join with Group to Design circuits.