

100350-ICX-18CMOS-E-1985
Electrical & I&C Commissioning Manager

Holds a B. Sc. in Electrical Engineering and has over 31 years hands-on experience working in installation, erection, commissioning, start-up, calibration, maintenance and construction at several Power Plants and Water Treatment Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 22/12/1961
Gender : Male
Residence : Alexandria

EDUCATION

: B. Sc. in Electrical Engineering, Menoufia University, 1985

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Training course DCS / ABB system, Italia.
: Training course PLC SIEMENS, ALLEN BRADLEY, Egypt.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2015 till now
Employer : INITEC ENERGÍA S.A. - ACS Group
Project : Suez Thermal Power Plant 650MW
Job title : Electrical & I&C Commissioning Manager
Job Description :

- The Project is a Thermal Power Plant where Initec is responsible of the BOP Mechanical Contract, called CP-118.
- My Position is CP-118 Electrical and I&C Commissioning Manager responsible for Commissioning of the BOP System including H2 system, firefighting, MV motors, and LV motors, EDG, MCC, Function test of panels, electrical signal wire check, power cable, Site test with vendors Aux Boiler, self-cleaning, preparing documents for TOAC (T.O.P.).

Dates : From Nov. 2013 till May 2015
Employer : POWER GENERATION ENGINEERING AND SERVICE COMPANY (PGESCO)
Project : 4x150MW ANSALDO Gas turbine in 6 October
Job title : Lead I&C Engineer
Job Description :

- The Project was an EPC Contract where the Engineering, construction, commissioning, start-up, handling over for (4x150MW) ANSALDO (6 October Simple Cycle Power Plant with all related auxiliaries (firefighting, GIS, west water, telecommunication system, SCADA system, DCS, etc.).
- I was responsible of the all I&C Activities in the site, follow up with contractors the instrumentation installation, DCS and control cabinet installation, GIS SCADA system, firefighting system protection, instrumentation, water treatment instrumentations, all POB instrumentation, calibration, loop check, functional and interlock logic tests, MOVs test, etc.

Dates : From Nov. 2012 till Oct. 2013
Employer : DR. M. H. ALI EL SAIE CONSULTING ENGINEERING
Project : RO DESALINATION PLANT OF 1000M3/DAY Qarn Al-Alam at Dakiliya – OMAN
Job title : Electro-Mechanical Manager
Job Description :

- The Project was an EPC Contract where the Engineering, construction, commissioning, start-up, handling over for 1000M3/DAY BWRO Desalination plant.
- My position Electrical and I&C Manager, I was responsible of the all E and I&C Activities of the Site. Installation switchgear, MCC, load center, cable trays, pulling cable and termination, panels, motors JBs, earthing, lighting, lightening system, instrumentation installation, instrumentation calibration, firefighting system, ventilation system, instrumentation cable pulling and termination, control system installation, telecommunication system, and commissioning activity.

Dates : From Sep. 2011 till Oct. 2012
Employer : DR. M. H. ALI EL SAIE CONSULTING ENGINEERING
Project : Desalination plant of 3.3 MIGPC at Delma - Abu Dhabi
Job title : Electro-Mechanical Manager
Job Description :

- The Project was an EPC Contract where the Engineering, construction, commissioning, start-up, handling over for 3.3 mill gpy at Delma - Abu Dhabi.
- My position Electrical and I&C Manager, I was responsible of the all E and I&C Activities of the Site. Installation switchgear, MCC, load center, cable trays, pulling cable and termination, panels, motors JBs, earthing, lighting, lightening system, instrumentation installation, instrumentation calibration, firefighting system, ventilation system, instrumentation cable pulling and termination, control system installation, telecommunication system.

Dates : From Aug. 2010 till Jul. 2011
Employer : DR. M. H. ALI EL SAIE CONSULTING ENGINEERING
Project : Hypo Chlorination Generation System for several Pumping Stations
Job title : Electro-Mechanical Manager
Job Description :

- The Project was an EPC Contract where the Engineering, construction, commissioning, start-up, handling over for HYPO CHLORINATION GENERATION SYSTEM FOR SEVERAL PUMPING STATIONS IN ABU DHABI.
- My position Electrical and I&C Manager, I was responsible of the all E and I&C Activities of the Site. Installation switchgear, MCC, load center, cable trays, pulling cable and termination, panels, motors, JBs, earthing, lighting, lightning system, instrumentation installation, instrumentation calibration, firefighting system, Ventilation System, instrumentation cable pulling and termination, control system installation, telecommunication system, HVAC, control panels. ITP for E and I&C installation, Quality assurance and Control.

Dates : From Jan. 2009 till Jul. 2010
Employer : POWER GENERATION ENGINEERING AND SERVICE COMPANY (PGESCO)
Project : Two gas turbine 2x250MW (M.H.I) with all related auxiliaries and 1x250MW ANSALDO steam turbine, Egypt
Job title : Lead I&C Engineer
Job Description :

- The Project was an EPC Contract where two gas turbines 2x250MW (M.H.I) with all related auxiliaries and 1x250MW ANSALDO steam turbine.
- My position Lead I&C Engineer, I was responsible of the all I&C Activities of the site, flow up with contractors the instrumentation installation, DCS and control cabinet installation, GIS SCADA system, firefighting system protection, HRSG, steam Turbine instrumentation, water treatment instrumentations, all POB instrumentation, calibration, loop check, functional and interlock logic tests, MOVs tested.

Dates : From Jul. 2008 till Jan. 2009
Employer : TCM Cinimontubi
Project : El-Kureimat III Combined Cycle (1x750MW)
Job title : Electrical Commissioning Engineer
Job Description :

- The Project is a CCGT Power Plant where TECHINT CIMIMONTUBI is responsible of the BOP Mechanical Contract, called CP-118.
- My Position is CP-118 Electrical Commissioning Engineer, responsible of the Electrical Commissioning of the BOP System including H2 system, fire fighting, MV motors, LV motors, EDG, MCC, function test of panels, electrical signal wire check, power cable, site test with vendors Aux Boiler, self-cleaning, etc., papering ITP for E&I, LOTO, inspection requested, etc.

Dates : From Mar. 2008 till Jul. 2008
Employer : Giza System Co.
Project : Chemical Water Treatment 100 ton/hr

- Job title** : Lead I&C Engineer
- Job Description** : Installation of new control system PLC, HMI, EWS, field instrumentations and MCCs room.
- Dates** : From Jan. 2006 till Mar. 2008
- Employer** : Saudi Arabia Engineering Co. LTD – KSA
- Project** : Upgrade 5 GE Gas Turbines System frame 9 injection water pump stations – KSA
- Job title** : Site Manager
- Job Description** :
 - The Project was an EPC Contract where the Main Contractor was SAUDI ARABIA ENGINEERING CO. LTD - KSA upgrade for control system and field instrumentation, cable trays, JBs, control panel, vibration systems.
 - I was the Site Manager, management and coordination and flow up all activity related to the project for installation activity and commissioning, coordination with subcontractor GE and all activity related the site management.
- Dates** : From Jan. 2004 till Dec. 2005
- Employer** : ACITO INDUSTRIAL COMPANY - EGYPT
- Project** : Upgrading of the control system DCS, DAS, Turbine Hydraulic System of the unit for steam Turbine 1x110MW
- Job title** : Site Manager
- Job Description** :
 - The Project was an EPC Contract where the Main Contractor was ACITO INDUSTRIAL COMPANY.
 - During 4 months, I was the Project Process Engineer in charge of the Suppliers Specification of several equipment such a HSRG, GT, Evaporative and Distillation Units, Evaporative Dryers, Solids Units, etc.
 - I was the Site Manager, management and coordination and flow up all activity related to the project for installation activity and commissioning, coordination with subcontractor ABB and all activity related the site management.
- Dates** : From Nov. 2003 till Mar. 2004
- Employer** : STEAG Encotec Co. (Germany)
- Project** : Water Treatment Plant Kafr El Dawar
- Job title** : I&C Project Engineer
- Job Description** :
 - Preparing the basic engineering documentation in Kafr El Dawar unit 3 (110MW) for:
 - Closed loop control sequence with feedback signal.
 - Turbine control and protection system.
 - Boiler control and protection system.
 - Burner management system and Master Fuel Trip system.
 - Complete and final no. input and output signals.
 - Standard distribution of input and output signals the SYMPHONY HARMONY modules system.
 - Start of calculation of cables quantity and dimensions and cable lists.
 - Calculation of field box quantity and dimensions and location.
 - Preparing and making the final drawing of the field boxes connection and all the I/O preparing and making the hook up drawing for the unit.

Dates : From Jan. 1996 till Nov. 2003
Project : Kafr El Dawar Power Station (4x110MW Steam Turbine)
Job title : I&C Maintenance Engineer
Job Description :

- Preparing the schedule of the program maintenance for the shut down.
- Preparing the schedule of work with the timing required for maintenance.
- Preparing the progress of work (daily, weekly) for all activities.
- Flow up the works as schedule of works and deal the teams to finish the activities.
- Maintenance of control and field instrumentation.

Dates : From May 1995 till Jan. 1996
Employer : KAHROMIKA
Project : Natural Gas reduction station for thermal power plant 4x110MW, KAHR EL DAWAR - Egypt
Job title : Electro-Mechanical Commissioning Engineer
Job Description :

- The Project was installation, commissioning and start-up for Natural Gas reduction station for thermal power plant 4x110MW.
- My duties: follow up all Electromechanically activity flushing lines and filters, energized power supply for control system, loop check, MOVs testing, check cable wire, functional and interlock logic test.

Dates : From Nov. 1994 till May 1995
Employer : KAHROMIKA
Project : Tube cleaning system for the condenser of the steam turbine, KAHR EL DAWAR - Egypt
Job title : Electro-Mechanical Commissioning Engineer
Job Description :

- The Project was installation, commissioning and start-up for Tube cleaning system for the condensers of the steam turbine for 4 units.
- My duties: follow up all Electromechanically activity flushing lines and filters, energized power supply for control system, loop check, MOVs testing, check pumps, check cable wire, functional and interlock logic test.

Dates : From May 1993 till Nov. 1994
Employer : KAHROMIKA
Project : Waste Water Treatments unit, Kafr El Dawar
Job title : Site Engineer
Job Description :

- The Project was installation, commissioning and start-up for Waste water treatments unit.
- My duties as Site Engineer: follow up all activity install tanks, pumps, cable trays, pulling cable, install control system, install, MCC, JBs, cable termination, install instrumentations, install piping with construction teams.

Dates : From Jan. 1993 till May 1993
Employer : KAHROMIKA
Project : Sewage Water Treatments Plant, Kafr El Dawar

Job title : Site Engineer
Job Description :

- The Project was installation, commissioning and start-up for Sewage Water treatments plant.
- My duties as Site Engineer: follow up all activity install tanks, pumps, cable trays, pulling cable, install control system, install, MCC, JBs, cable termination, install instrumentations, install piping with construction teams.

Dates : From Jul. 1992 till Jan. 1993
Employer : ZAT (Czech Co.)
Project : Kafr El Dawar Power Station
Job title : I&C Project Engineer
Job Description : Installation, erection, commissioning and start-up of BMS system unit 4 steam turbine at Kafr El Dawar Power Station.

Dates : From Dec. 1989 till Jul. 1992
Employer : PETROJET
Job title : I&C Supervisor Engineer
Job Description : Revamping of the erection of 5 Gas turbines 9MW each site rating, with auxiliaries (overhead crane & HP compressors, centrifugal pumps and air cooler fans).

Dates : From Oct. 1987 till Nov. 1989
Employer : FOCHI FILIPPO
Project : Dahshur 2x15MW gas turbine (GE Mark II) oil transport pump station plants
Job title : Site Engineer
Job Description :

- The Project was installation, commissioning and start-up for 2x15MW gas turbine (GE Mark II) oil transfer pump station plants.
- My duties as Site Engineer: follow up all E&I activity install cable trays, pulling cable, install control system, install, MCC, JBs, cable termination, install instrumentations, with construction teams.

Dates : From Oct. 1985 till Sep. 1987
Employer : KAHROMIKA - Subcontractor to Siemens Co., Germany
Project : RAKTA paper factory
Job Description : Construction of RAKTA paper factory control system, MCC, field instrumentation.