104371-ICX-1CMOS-E-1983
I&C Manager

Holds a B. Sc. in Industrial Electronic Engineering and has about 24 years hands-on experience working in I&C field.

PERSONAL DATA

Nationality	:	Egyptian
Birth Date	:	23/04/19855
Gender	:	Male
Marital Status	:	Married
Residence	:	Menoufia

EDUCATION

: B. Sc. in Industrial Electronic Engineering, Menoufia University, 1983

LANGUAGES

Arabic	:	Native Language
English	:	Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Photo editing software

TRAINING COURSES AND CERTIFICATIONS

: Power Plant Basics and Site specifies related to Power Plant Equipments and Systems theory and Application by Bechtel U.S.A (1985).
: Thermal Power Plants Operation and maintenance by ENEL – Italy (1989).
: SP47/BMS by SIE FORNEY SPA – Italy (1989).
: AFS 1000 / Soot Blower System, by SIE FORNEY SPA – Italy (1989).
: Measurement and Optimization Project of Boiler by EAB ENERGY – GERMANY (1994).
: Instruction and controls for Sidem desalination Plants (1994).
: GE DCS MARK Vie Maintenance Training.
: Q & C ISO 9001/2000.
: Participated in the measurement and optimization project of boiler / EAB Germany.
: Official authorization certificate from WED Abu Dhabi Boilers and associated auxiliaries.
: Sidem Training course on steam raising and desalination plant.

: Official authorization certificate from BAINOUNAH Power Company (Taweelah "A" for working on: fuel oil unloading, storage & transfer System) Twph, aux. systems for sea water intake & town water supply System HPGRS.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2014 till 2015
Employer : CEPC Head Office Projects Department
Job title : Quality & Control Management

Dates : From 2007 till 2014
Project : Cairo North Power Station
Job title : I&C Manager
Job Description :
- FOXBORO DCS control System.
- MARK VI GE Turbine control System.
- Quality and control management.

Dates : From 2002 till 2007
Project : SHOUBRA EL-KHEIMA Power Station
Job Description :
- Turbine Control System.
- Boiler Control System.

Dates : From 2001 till 2002
Job Description :
- Installation DCS & Instrumentation and Wiring system for the Honeywell.
- Abu Sultan controls upgrade project four units x 150MW Distributed control system.
- Trouble shooting & commissioning and start-up for upgrade of ATAKA Power Station (Emersion DCS control system).

Dates : From 1991 till 2001
Employer : Water & Electricity Department – ABU DHABI
Project : TAWEELAH POWER & DESALINATION PLANT
Job title : Instrumentation & Control Maintenance Supervisor
Job Description : Plan and execute all maintenance activities of all Instrumentation and controls in the following plants:
- Three boiler, 210 Tons each, 15 bar Pressure.
- Three BORSIG Auxiliary Boilers, boilers, 160 Tones, 15 bar pressure, Fired with Natural gas and Distillate Oil.
- Boiler's common Auxiliaries which includes Water Treatment Plant and five Zander Air Compressors.

Field of experience :
- Control Systems:
  The following control systems were used throughout my career:
  - Westing House 7300 control System.
  - SP47/BMS.
  - Baily Control System.
  - Hartmann and Braun Contronics "3" Control System.

- Egyptian Electricity Authority I&C Engineer responsible for Maintenance, Calibration and troubleshooting for following Power Plant Control System:
  - Burner management system (SP47SIE programmable control system).
  - Soot blower system (ASF 1000 SRE programmable control System).
  - Boiler control system (Westinghouse AFM7300).
  - Bialy control (Babcock & Wilcox) 7200 system.
  - All field devices transmitters' switches and controller (pressure - temp - flow - level - vacuum) control valves (servo - pneumatic and solenoid).

- Responsibilities:
  - ALL field instruments (Thermocouples, Vibration, Flow, Pressure and Level transmitters, all Servo valves and pneumatic actuators Calibration & Installations & commissioning & loop check with control system.
  - Review all submittals from the contractors and the subcontractors.
  - Monitor daily installation progress and check all activities at site according to engineering drawings.
  - Check all received materials at site to ensure their correct manufacture, model and type.
  - Prepare and keep the documentation of the daily progress report.
  - Calibration of all field instruments at lab before installation for example:
    - Field transmitters (Siemens, ABB, Rosemount, ...etc.).
    - Temperature sensors (thermocouples and RTDs) calibration check.
    - Vibration monitor systems (bentley nevada 3500).
    - Actuators (electrical (auma), pneumatic (Valve)).