

**104451-ICX-1MSx-S-2007**  
**I&C DCS Commissioning & Start-up Lead Supervisor**

Has over 12 years hands-on experience working in I&C at several Power Plants.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 06/06/1986  
Gender : Male  
Marital Status : Married  
Residence : Menoufia

## EDUCATION

: Bachelor of Law, Menoufia University, 2007

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office, Internet

## TRAINING COURSES AND CERTIFICATIONS

- : Practical Training in DCS by Egyptian Company Schneider Electric (Oct. 2016).
- : Practical Training in Auma valves by Egyptian Company Auma (Sep. 2016).
- : Alstom, INITEC Energia Co. Training in Steam Turbine in the following: Maintenance of Alstom CM Condenser, Operation & Maintenance of Debris Filter (DF) and Condenser On Load Tube Cleaning System (COLTCS), Condenser Exhauster Vacuum pumps units, Water box Priming units, Maintenance personal.
- : Middle Delta Electricity Production Co.: Turbines maintenance, Operation of Combined Cycle.
- : Egyptian Electricity Holding Company & ATEC: Valves (Basics, Advanced & Specialist).
- : English language at Ministry of Defiance Language Institute (Jan. 2011).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jul. 2020 till now  
**Employer** : AC BOILERS

**Project** : ASSIUT Supercritical Power Plant (1x650MW):

- One Supercritical (Benson) BOILERS 1x650MW GAS & OIL FIRED supplied by (AC BOILERS).
- One steam turbine 1x650MW (HP, IP, LP stages) supplied by (DOOSAN).
- Distributed control system supplied by (YOKOGAWA).
- Auxiliaries (service, closed cooling, Circulation systems, Hydrogen and Oxygen Gas Production Plant, etc.
- Water treatment system.

**Job title** : I&C DCS Commissioning & Start-up Lead Supervisor

**Dates** : From Nov. 2017 till Jul. 2020

**Employer** : AC BOILERS (formerly Ansaldo Caldaie)

**Project** : South Helwan Supercritical Power Plant (3x650MW):

- THREE Supercritical (Benson) BOILERS 3x650MW GAS & OIL FIRED supplied by (AC BOILERS).
- THREE steam turbines 3x650MW (HP, IP, LP stages) supplied by (MITSUBISHI).
- Distributed control system supplied by (SCHNEIDER ELECTRIC).
- Auxiliaries (service, closed cooling, Circulation systems, Hydrogen and Oxygen Gas Production Plant, etc.
- Water treatment system.

**Job title** : I&C DCS Commissioning & Start-up Lead Supervisor

**Dates** : From Jan. 2017 till Oct. 2017

**Employer** : ORASCOM CONSTRUCTION

**Project** : New West Damietta Combined Cycle Add-on Power Plant:

- Four Gas turbines 4x125MW supplied by (GE).
- Four Horizontal HRSG supplied by (GE).
- ONE steam turbine 1x250MW (HP, LP stages) supplied by (GE).
- Distributed control system supplied by (GE).
- Auxiliaries (service, closed cooling, ACC systems, Hydrogen and Oxygen Gas Production Plant, etc.
- Water treatment system.

**Job title** : I&C Commissioning & Start-up Supervisor

**Dates** : From Feb. 2014 till Jan. 2017

**Employer** : AC Boilers

**Project** : Suez Power Plant 1x650MW (boiler fired):

- Distributed control system supplied by (SCHNEIDER ELECTRIC).
- Auxiliaries (service, closed cooling, ACC systems, Hydrogen Oxygen Gas Production Plant, etc.
- Water treatment system.

**Job title** : I&C Commissioning & Start-up Supervisor

**Job Description** :

- Review all I&C drawings & technical submittals.
- Review I&C systems integrity and fitness according to Contract requirement and standards.
- Performing (calibration, cold loop check, hot loop check, commissioning,

start-up, Function test and tuning activities) on several kind of Switches (Pressure, flow, level, proximity and DP), Smart Transmitters, Steam and Water Sampling Analyzers, CEMS Analyzers, Vibration sensors, hazard gas sensors, Fire Fighting and detection system, Motorized Valve Actuators, Pneumatic Valve Actuators and Hydraulic "servo" Valve Actuators.

- Performing of all field instruments installation, calibration and testing.

**Dates** : From May 2010 till Dec. 2013

**Employer** : Elkrom Middle East

**Project** : 6th October Power Plant 600MW Simple Cycle

**Job title** : I&C Commissioning & Start-up Technician

**Job Description** :

- Review all I&C drawings & technical submittals.
- Review I&C systems integrity and fitness according to Contract requirement and standards.
- Performing (calibration, cold loop check, hot loop check, commissioning, start-up, Function test and tuning activities) on several kind of Switches (Pressure, flow, level, proximity and DP), Smart Transmitters, Steam and Water Sampling Analyzers, CEMS Analyzers, Vibration sensors, hazard gas sensors, Fire Fighting and detection system, Motorized Valve Actuators, Pneumatic Valve Actuators and Hydraulic "servo" Valve Actuators.
- Performing of all field instruments installation, calibration and testing.

**Field of experience** :

- Good experience in the field of instrumentation & control related to the field of procurement, installation, construction supervision, calibration, maintenance, pre-commissioning, commissioning and start-up in the Power Stations.
- Responsible for follow the constructions and (walk down, loop check, site acceptance tests, commissioning, receiving material and open points).
- Good knowledge of operation / commissioning related to Combined Cycle Power Plant.
- Good knowledge and working experience on different control system such as: ALSTOM DCS, PLC Maintenance, configuration, tuning and troubleshooting (SIAMTIC-S7, Allen Bradley, Schneider), SCADA & DCS, Fire fighting and detection system, Gas detection system.
- Maintenance of several kinds of sensors, smart transmitters, valves and actuators.
- All field Instrumentation and valves Calibration and troubleshooting.