

**100073-ICX-1CMSx-E-1999**  
**Automation Commissioning Supervisor Engineer**

Holds a B. Sc. in Electronics & Control Engineering and a Diploma in Automatic Control. Has over 23 years of expertise in automation, commissioning and maintenance of power plants and gas facilities.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 19/01/1976  
Gender : Male  
Marital Status : Married  
Residence : Alexandria

## EDUCATION

- : B. Sc. in Electronics & Control Engineering, Menoufia University, 1999
- : Diploma in Automatic Control Engineering, Menoufia University, 2011

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

- : Windows, MS Office (Word, Excel, Power Point), Internet
- : Programming: Visual Basic (VB6, VB.NET), Oracle SQL
- : Automation Tools: Foxboro EVO, Siemens T3000, Honeywell DCS
- : Networking: Ethernet LAN Installation, Wireless Networks
- : SAP

## TRAINING COURSES AND CERTIFICATIONS

- : Introduction in Power Station Operation in Ataka Power Station.
- : Introduction in Water Treatment in Ataka Power Station.
- : Introduction in PLC at Fayed Training Center.
- : Working with Ovation 2.2 System (DCS) in Ataka Power Station under foreign trainer.
- : Troubleshooting in Ovation 2.2 System in Ataka Power Station under foreign trainer.
- : eDB in Ataka Power Station under foreign trainer.
- : Industrial Safety in Ataka Power Station.

- : Off-shore training in Maintenance in Yokogawa DCS (CS3000 Maintenance at Bahrain).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jan. 2022 till now  
**Employer** : TÜV  
**Project** : Zohr Gas Plant, Egypt  
**Job title** : Automation Commissioning Supervisor Engineer  
**Job Description** :
 

- Led the upgrade from Foxboro EVO V6.0 to V7.5, achieving a 20% reduction in system transition downtime.
- Managed vendor teams for the implementation of Siemens HMI1500 systems and CPU1515R integration.
- Development the Gas Plant and connect it to GE compressors (MARK VI) at El Port Foad Plant.
- Coordinated ICSS commissioning activities, including ITRB, Cause & Effect diagrams, and OTP testing.
- Directed SAT and FAT testing for ASU and RUP panels using Schneider DCS and Triconex ESD systems.

**Dates** : From May 2020 till Dec. 2021  
**Employer** : AC BOILER  
**Project** : West Cairo Supercritical Power Plant (650MW)  
**Job title** : I&C Commissioning Engineer  
**Job Description** :
 

- Oversaw Honeywell C300 DCS commissioning and collaborated on SAT testing, boosting system reliability by 15%.
- Managed ABB BCS and Symphony S+ systems, ensuring smooth operation of supercritical boiler functions.
- Optimized performance by configuring Bently Nevada 3500 vibration systems to prevent downtime.

**Dates** : From Jun. 2018 till May 2020  
**Employer** : AC BOILER  
**Project** : SOUTH HELWAN SUPERCRITICAL POWER PLANT 3x650MW  
**Job title** : I&C Commissioning Engineer  
**Job Description** :
 

- Commissioned SCADA systems, including RSView, WinCC, and Allen Bradley, across air and water utility systems.
- Led the installation and configuration of Foxboro EVO V5.0, along with various AUMA actuators and Siemens PS2 smart positioners.
- Directed system tuning for ash handling and DESP systems, improving plant performance.

**Dates** : From Feb. 2018 till Jun. 2018  
**Employer** : [EGYPTROL](http://www.egyptrol.com) / AC BOILER  
**Project** : El-Shabab Power Station 1500MW  
**Job title** : Lead I&C Commissioning Engineer

**Job Description** : 

- Supervised the commissioning of 8 Heat Recovery Steam Generators (HRSGs), achieving a 10% increase in efficiency.
- Oversaw BIFFI actuator and Foxboro smart positioner installations, optimizing plant control systems.

**Dates** : From Apr. 2014 till Feb. 2018

**Employer** : Middle Delta Production Company (MDPC)

**Project** : Nubaria Power Station 3x750MW Combined Cycle

**Job title** : Head of Department Gas Turbine I&C Maintenance

**Job Description** : 

- Led overhaul operations for Siemens (T3000) and GE turbines (Mark VI), achieving a 12% increase in operational uptime.
- Implemented predictive maintenance strategies that reduced emergency repairs by 15%.

**Dates** : From Aug. 2013 till Apr. 2014

**Employer** : [EGYPTROL](http://www.egyptrol.com) / Samsung

**Project** : Quria Independent Power Plant (Combined Cycle)

**Job title** : I&C Commissioning Engineer

**Job Description** : 

- Commissioned 12 Siemens SGT6-5000F gas turbines and six steam turbines, improving plant functionality.
- Coordinated vendor teams using T3000 Workbench to optimize turbine and water treatment control systems.

**Dates** : From May 2008 till Aug. 2013

**Employer** : Middle Delta Production Company (MDPC)

**Project** : Nubaria Power Station 3x750MW Combined Cycle

**Job title** : I&C Maintenance Engineer

**Job Description** : 

- Led maintenance for HRSG systems across three pressure levels (HP, IP, LP) using ALSPA and Yokogawa systems.
- Modernized SCADA systems and automated control processes using RSLogic.
- Conducted maintenance on steam turbines and water treatment systems, ensuring smooth plant operation.

**Dates** : From Aug. 2003 till May 2008

**Employer** : East Delta Production Company (EDPC)

**Project** : Attaka Power Station (2x150MW & 2x300MW Steam Cycle)

**Job title** : I&C Maintenance Engineer

**Job Description** : 

- Participated in the modernization of power station control systems, improving operational stability.
- Managed pneumatic and hydraulic control circuits, air compressors, and hydrogen production units.

**Dates** : From Mar. 2001 till Aug. 2003

**Employer** : Masria Trust Company for Textile Industries (Suez)

**Job title** : E&C Maintenance Engineer

- Job Description** :
  - Maintained relay control circuits and PLC systems for industrial motor drives.
  - Developed and optimized automation protocols for textile production lines.
- Field of experience** :
  - Proficient in ICSS systems, Foxboro EVO, Siemens DCS and Honeywell C300, with demonstrated ability to lead multifunctional teams, troubleshoot complex systems, and implement solutions that improve operational efficiency. Adept at managing large-scale system upgrades, streamlining commissioning activities, and ensuring compliance with engineering standards.
  - Core Competencies:
    - Automation Systems: Foxboro EVO, Siemens T3000, GE MARK VIE, Honeywell DCS.
    - SCADA Systems: RSVIEW, WinCC, Allen Bradley, Profibus.
    - Instrumentation: Triconex ESD, GE Mark VIe, AUMA, Bently Nevada 3500.
    - Leadership & Project Management: SAT/FAT Execution, Vendor Coordination.
    - Software & Programming: Visual Basic, Oracle SQL.
    - Process Optimization: Predictive Maintenance, Downtime Reduction.
  - Achievements:
    - Reduced downtime by 15% through predictive maintenance and improved fault detection.
    - Streamlined commissioning processes, cutting project completion time by 10%.
    - Optimized plant control systems, leading to a 10% increase in operational efficiency.
  - Summary:
    - Total Experience: 23 years, 7 months.
    - Specialized Expertise: Automation systems, SCADA, predictive maintenance, team leadership, commissioning.