

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 12 years of experience working mainly in I&C field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/01/1991
Gender : Male
Marital Status : Married
Residence : Currently Netherlands

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Benha University, 2013

LANGUAGES

Arabic : Native Language
English : Good
French : Basics
Dutch : Basics

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : BP trainings:
- Safety induction.
 - C5 Operation induction.
 - Supervisor HSE Orientation.
 - Fall protection.
 - Confined space.
 - Commissioning awareness.
 - First aid training.
 - Performing authority.
 - Gas testing.
 - Dropped object.
 - Process safety.
 - COVID 19 awareness.
 - Control room access.
 - SIS.

- Compressed air.
- Relief systems.
- Small bore tubing.
- Isolation basics.
- : SAS training (substation automation system) with GePower tool, IEC61850 communication protocol, D25 BCU and SG Configurator tool (Nov. 2017).
- : Training at PSP (Elsweedy Group) automation department (trained at DCS system, the process of generation and instrumentation) (Jul. – Sep. 2012).
- : Training at PSP (Elsweedy Group) construction department (trained on Suez Steel Company as installing new transformer 220 MVA (AIS), its protection devices and work mainly for pulling power and control cables and its fitting) (Jun. – Sep. 2011).
- : Training at New & Renewable Energy Authority (solar thermal project as renewable energy resource).
- : PLC (Siemens & Allen Bradley & LG) (at Jeilecom Company for training).
- : HMI (at Siemens Lab. at Shoubra Faculty of Engineering).
- : SCADA (at Siemens Lab. at Shoubra Faculty of Engineering).
- : Matlab Simulink (at IT Center at Shoubra Faculty of Engineering).
- : C programming language (at IT Center at Shoubra Faculty of Engineering).
- : Arduino board programming with Matlab Simulink (at IT Center at Shoubra Faculty of Engineering).
- : Instrumentation (at PSP Company).
- : Electrical installation (at IT Center at Shoubra Faculty of Engineering).
- : Electrical distribution (at IT Center at Shoubra Faculty of Engineering).
- : Classical control (at Jeilecom Company for training).
- : ICDL Syllabus 4 (at Banha University).
- : Industrial safety (at B.S Company).
- : ISO 9000 (at B.S Company).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2026 till now
Employer : Technip Energies
Project : RDCG - Neste Netherlands
Job title : PC&C Instrument and Control Engineer

Dates : From Feb. 2025 till Jan. 2026
Employer : EL-SWEDY ELECTRIC PSP
Project : Rabigh Enforcement Project 1200MW, KSA
Job title : Senior E&I Commissioning Engineer
Job Description :

- Power Transformers testing (CSD Approved).
- Instrument and control commissioning for each electrical and mechanical systems in CC Power Plant.
- Instrument Loop Check.
- Logic Check and Functional Test (DCS Emerson).
- CEMS Commissioning.
- Soft Link Communication Testing.

- Fire Systems Commissioning.
- HVAC Commissioning.
- Subcontractor's management.

Dates : From Jan. 2023 till Sep. 2024
Employer : Technip Energies
Project : Alexandria
Job title : PC&C Instrument Engineer
Job Description :

- Pre-commissioning and commissioning Instrument Engineering.
- Function test.
- Start-up support and instrument maintenance.
- Fire and gas commissioning.

Dates : From Jun. 2021 till Jan. 2023
Employer : Givaudan, 6th of October – Cairo
Job title : Maintenance Engineer

Dates : From Aug. 2018 till Jun. 2021
Employer : Carlo Gavazzi Egypt (CGE)
Project : West Nile Delta Gas Plant Project (WND)
Job title : I&C Commissioning Engineer
Job Description :

- Cold/hot loop check for MC instruments.
- Simulation/Function test for MC instruments.
- Commissioning for both HART and Foundation Fieldbus (FF) instruments.
- Check foundation fieldbus trunk cables with segment connected to Mega blocks.
- Commissioning for Process Automation System (PAS), Safety instrument system (SIS) and fire & gas system (F&G).
- Commissioning for different types of instruments and actuators.
- Assisting vendor for I&C commissioning for TOPEC EDG.
- HVAC CONTROL, electrical and instrument work commissioning.
- Completing document work b sheets.
- Start-up and operation support.
- Doing maintenance activities.

Dates : From Jun. 2017 till Jul. 2018
Employer : EL-SWEDY ELECTRIC PSP
Project : Attaqa Simple Cycle Power Plant
Job Description :

- Warranty Manager (from Nov. 2017 till Jul. 2018) (9 months): My main task is to deal with owner in warranty issues contractually and financially. Manage tasks during its all phases, investigation, maintenance, purchasing, logistics and closing out. Negotiate with owner and suppliers every time to close out open points.
- I&C Warranty Engineer (from Jun. 2017 till Oct. 2017) (5 months): Investigate I&C problems, doing reports and solving out open issues.

Dates : For 3 weeks (May 2018)
Employer : EL-SWEDY ELECTRIC PSP
Project : Suez Gulf Substation 500/220/22KV
Job title : SAS Commissioning Engineer
Job Description : Commissioning Engineer for SAS (substation automation system). GE system, configured by GE Power. We also did some modifications there.

Dates : From Nov. 2016 till May 2017
Employer : EL-SWEDY ELECTRIC PSP
Project : BENI SUEF Combined Cycle Power Plant
Job title : I&C / DCS Engineer
Job Description :

- Construction for instruments in TME water treatment plant (pressure gauges, pressure transmitters, temperature transmitters and gauges, flow transmitters, level gauges, switches, transmitters and analyzers) during 1 month.
- DCS Commissioning Engineer for BOP on Siemens system SPPA-T3000 as testing electrical and instrumentation signals (analogue and digital feedbacks and orders). Testing logic concept, doing hot loop check and function test.

Dates : From Sep. 2016 till Oct. 2016
Employer : EL-SWEDY ELECTRIC PSP
Project : Attaqa Simple Cycle Power Plant
Job title : I&C Maintenance Engineer
Job Description :

- Doing maintenance and calibration for defected instruments for Siemens gas turbine frame SGT-5-2000E (165MW).
- Doing maintenance for automatic valves and its signals.
- Work for modifications of SPPA-T3000 logics.
- Doing maintenance for Minimax fire alarm system including gas detectors and CO2 tank.
- Doing maintenance for gas pipe line heat tracing system commissioning and start-up.

Dates : From Jun. 2015 till Aug. 2016
Employer : EL-SWEDY ELECTRIC PSP
Project : AL-DIWANYA (IRAQ) Simple Cycle Power Plant
Job title : O&M Manager
Job Description :

- I&C Commissioning Engineer (from Jun. 2015 till Dec. 2015):
 - Making calibration for measurement devices and actuators.
 - Making dry and hot loop check and function test.
 - Commissioning and start-up for gas and LDO electrical heaters.
 - Commissioning and start-up for PETROGAS gas receiving station (GRS).
 - Work for GE gas turbine 9E (125MW) frame controller (Mark VIE).
- Operation Engineer for GE gas turbines 9E frame (from Jan. 2016 till Mar. 2016).
- Operation & Maintenance Manager for Al-Diwanya Simple Cycle Power Plant (from Apr. 2016 till Aug. 2016):

- Doing plan for operation.
- Support maintenance team in major problems.
- Provide Spare parts and damaged devices.
- Doing operation and maintenance reports for site manager and big office.
- Co-ordinate plans with the owner and main control centers.
- Doing operation hours reports, financial reports and commercials.

Dates : From Mar. 2015 till May 2015 (part time)
Employer : Shaker Group (distribution department)
Job title : Electrical Engineer

Dates : From Mar. 2014 till May 2015
Employer : Beshay Steel Group
Project : El-Sadat ISRM Factory
Job title : Electrical Maintenance Shift Engineer
Job Description :

- Responsible for maintenance and calibrating for any electrical equipment in rolling production line such as loop scanners, HMDs, sensors, valves, motors and drives, etc.
- Work for solving problems of DC motors' commutator.
- Work for solving problems of compressors, cranes and binding machines.
- Installed new cooling tower and accumulated its working for water system in factory.
- Made design for new PLC program (Siemens step 7 400) for fully controlled roller table.
- Work for project of installing new crane.

Dates : From Feb. 2014 till Mar. 2014
Employer : United International Company
Job title : Sales Person
Job Description : Doing propaganda for the company products.

Field of experience :

- I&C Commissioning Engineer for Power Plants and Oil & Gas fields.
- Commissioning for HART and FF instruments.
- Commissioning for PAS, SIS and F&G systems.
- I&C commissioning for TOPEC EDG.
- DCS / Instrumentation & Control Engineer with good experience in Gas turbine, DCS and combined cycle and ability for work in fast-track projects and also long-term projects.
- SAS (substation automation system) as engineering and commissioning.
- Excellent trouble shooting, fault detecting and analytical skills.
- Siemens gas turbine SGT-5-2000E (165MW).
- GE gas turbine 9E (125MW) frame.
- (Mark VIE).
- SPPA-T3000 commissioning and modification.
- (Siemens step 7 400).
- SAS (GePower).
- Heat tracing systems.

- HVAC system.
- Power plants warranty phase managerially.
- HP application servers.
- Project Planning with Primavera.
- TME water treatment plant instrumentation.
- Minimax fire alarm system including gas detectors and CO2 tank.
- Heat tracing system commissioning and start-up.
- LDO electrical heaters.
- PETROGAS gas receiving station (GRS).