

Has over 22 years' experience working in I&C field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/09/1983
Gender : Male
Residence : Ismailia

EDUCATION

- : Industrial High-School Diploma (Power Electricity), 2000
- : Technical Certification in Electrical Power, Training Center Mubarak Kohl Cooperation German and East Delta Electricity Company at Abu Sultan Steam Power Plant 4x150MW

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

- : Windows, MS Office (Word, Excel, Power Point), Internet

TRAINING COURSES AND CERTIFICATIONS

- : Automation system using Contactor course in East Delta Electricity Company – Fayed Trading Center.
- : P.L.C Concepts in East Delta Electricity Company – Fayed Trading Center.
- : Steam boiler and auxiliary boiler course in East Delta Electricity Company at Ayoun Moussa Power Plant.
- : Waste water and treatment in East Delta Electricity Company at Ayoun Moussa Power Plant.
- : Sea water desalination and injection hypochlorite in East Delta Electricity Company at Ayoun Moussa Power Plant.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2002 till now
Employer : East Delta Electricity Production Co.

Project	: Ayoun Moussa Power Plant (Two Siemens turbines 2x320MW, two boilers 1032ton/hr dual firing natural gas and Mazout backup fuel and GIS 500KV & 220KV Substation, two Desalination plant units each 5000m3/day and Water & Wastewater treatment units, DCS control System (ABB Bailey for Unit Control Exec TELEPREM XP for turbines))
Job title	: Instrument & Automatic Control Technician
Job Description	: Performing preventive maintenance & predictive maintenance & Troubleshooting & Calibration for all instrument types such as: <ul style="list-style-type: none"> • All of indicators: Pressure & level & temperature. • Transmitters: Pressure & flow & differential Pressure & level & temperature. • Temperature measurement: Thermocouple & RTD. • Vibration Sensors. • Switches: Pressure & level & temperature. • Repair all valves (Control & shut/off & electric valves). • Maintenance of PLC cards under load and out of service loop test. • Maintenance all instruments in the desalination plants and water treatment plants. • PH Instruments analyzers, Conductivity instruments and desolation. • Fire fitting system.
Dates	: From Aug. 2014 till Aug. 2015
Employer	: Veolia Water Technologies
Project	: Ain Sokhna Supercritical Power Plant (2x650MW)
Job Description	: <ul style="list-style-type: none"> • Support plant commissioning. • Start up and operation. • Loop checks and troubleshooting. • Calibration checks of field instrumentation. • Close punch items.
Dates	: From Jan. 2014 till Aug. 2014
Employer	: Sahara Group
Project	: Giza North CCPP 1500MW
Job Description	: <ul style="list-style-type: none"> • Calibration of all instruments in laboratory and work site. • Arrange with consultant and client for loop check. • Commissioning - Hot Loop check - and troubleshooting for all the control loops and instrument in the field.
Dates	: From Jan. 2012 till Jan. 2014
Employer	: Kharafi National
Project	: Al-Shabab Power Plant simple cycle gas turbine units (8x125MW) and water treatment plant in Ismailia
Job Description	: Worked in the warranty period.
Employer	: Kharafi National
Project	: Dry Low Nox Combustion System (DLN)

- Job title** : Supervisor on the maintenance work
- Job Description** :
- Calibration of all instruments in laboratory.
 - Review of engineering drawing and Inspection of Construction work.
 - Instruments installation.
 - Hook-up for cables, instrument & termination.
 - Continuity test & loops check system & commissioning & troubleshooting for all the control loops and start up.
- Dates** : From Dec. 2011 till Jan. 2012
- Employer** : Kharafi National
- Project** : West Damietta Power Plant simple cycle gas turbine units (4x125MW) and water treatment plant
- Job Description** : Calibration of all instruments in laboratory and work site.
- Dates** : From Mar. 2011 till Dec. 2011
- Employer** : Kharafi National
- Project** : Al-Shabab Power Plant simple cycle gas turbine units (8x125MW) and water treatment plant in Ismailia
- Job Description** :
- Calibration of all instruments in laboratory.
 - Review of engineering drawing and Inspection of Construction work.
 - Instruments installation.
 - Hook-up for cables, instrument & termination.
 - Continuity test & loops check system & commissioning & troubleshooting for all the control loops and start up.
- Dates** : From Jun. 2009 till Sep. 2010
- Employer** : Carlo Gavazzi
- Project** : Oil & Gas - Transmission Project (Installation of Three Power Generation and Three Turbo Compressors) (Power Generation Upgrade in El GMAIL Plant - Port Said)
- Job title** : Instrumentation Technician
- Job Description** :
- Calibration of all instruments in laboratory and work site.
 - Arrange with consultant and client for loop check.
 - Commissioning - Loop check - and troubleshooting for all the control loops and instrument in the field and this include the following tasks: All transmitters for pressure and flow, pressure, level, temperature for the field bus and smart transmitters with the HART and FOUNDATION HART all types is ROSEMOUNT, HONEYWELL, ABB and some other types.
 - Switches: Pressure & level & temperature.
 - Temperature measurement: Thermocouple & RTD.
 - All Control valves actuators smart and field bus FISHER.
 - Vibration and Displacement probe adjustment for all the machines.
 - Speed probe adjustment for control systems and over speed protection systems.
 - Commissioning and startup for the compressors and turbines.
- Dates** : From May 2008 till May 2009
- Employer** : General Enterprises & Trading Co. Ltd (GETCO), KSA

- Project** : Al Hunayy - Water treatment and Transmission Project for Riyadh
- Job title** : Instrumentation Technician
- Job Description** : Performing preventive maintenance & predictive maintenance & Troubleshooting & Calibration for all instrument types such as:
- All of indicators: Pressure & level & temperature.
 - Electromagnetic flow meters type MAGFLOW from Siemens Company.
 - Ultrasonic level transmitter.
 - Transmitters: Pressure & flow& differential Pressure & level & temperature.
 - Temperature measurement: Thermocouple & RTD.
 - Vibration Sensors.
 - Switches: Pressure & level & temperature.
 - Control valve such as: Motorized (AUMA) & shut/off.
 - PH & Conductivity & CL2 Analyzer.
 - Fire fitting system.
 - Work on profibus network System.
- Field of experience** :
- I have worked as a Control & Automation Technician on the Ayoun Moussa Power Plant project (Siemens turbines 2x320MW, 1032 tons/hour boilers, water desalination plants, DCS control unit, TELEPREM XP turbine system). My responsibilities included preventive and predictive maintenance, troubleshooting and calibration of various instruments such as indicators (pressure, level, temperature), transmitters, thermometers, vibration sensors, switches, valve maintenance, PLC card maintenance, and maintenance of equipment in water desalination and treatment plants.
 - I have also worked on the Damietta Simple Cycle Power Plant project (4x125MW) and the Damietta Water Treatment Plant as a Supervisor for instrument maintenance, installation, calibration, and reviewing engineering drawings.
 - Additionally, I worked on the Youth Simple Cycle Power Plant project (8x125MW) in Ismailia, where I was responsible for calibration, reviewing engineering drawings, and inspecting works and construction.
 - Furthermore, I worked with Kharafi National as a Supervisor at the Al-Shabab power plant simple cycle gas turbine unit (8x125MW) and water treatment plant in Ismailia, where I supported the start-up and operation, conducted loop testing, fault correction, and calibration.
 - I also have experience with Veolia Water Technologies during the warranty period for the Youth Ain Sokhna Supercritical Power Plant (2x650MW) Project.