

Holds B. Sc. and M. Sc. in Electrical Power & Machines Engineering and a Higher Studies Diploma of Automatic Control Systems Engineering. Has about 13 years hands-on experience working in technical office and instrumentation.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 20/04/1986
Gender : Male
Marital Status : Married
Residence : Hadayek El-Maadi, Cairo

EDUCATION

- : B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2008
- : Higher Studies Diploma of Automatic Control Systems Engineering, Cairo University, 2014
- : Master Degree of Electrical Power Engineering, Cairo University, 2021

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

- : Windows, MS Office (Word, Excel), Internet
- : AutoCAD, ETAP & Matlab

TRAINING COURSES AND CERTIFICATIONS

- : English Courses, AMIDEAST Egypt: Completing the General English Courses (Level 12).
- : Power System Distribution (JELECOM):
 - Lighting, socket, and earthing systems.
 - Cables, circuit breakers and short circuit calculations.
 - Electrical design programs as DIALUX, ETAB and DOCWIN.
- : Programmable Logic Controller (PLC), JELECOM:
 - Introduction to PLC and types of control systems.
 - PLC programming languages (Ladder Diagram).
 - Practical training on S7-200 Siemens Hardware.

- : Supervisory Control and Data Acquisition (SCADA), JELECOM:
 - Introduction to DCS & SCADA Systems.
 - Practical training on PLC Siemens hardware & Wincc software.
- : Fire Alarm Systems (JELECOM):
 - Conventional & Addressable Fire Alarm systems.
 - Types of Detectors.
- : Quality Management Course (National Quality Institute).
- : Basic Business Skills Acquisition Program (BBSA), Cairo University.
- : AUTOCAD 2007 (JELECOM).
- : Marketing & Presentation Skills (ZEDNY).
- : Online courses by American Chamber of Commerce in Egypt:
 - Effective Business Communication.
 - Fundamental of Business Management.
 - Time Management Fundamentals.
- : Summer trainings at:
 - ABB (2007).
 - PETROJET (2006).
 - East Zeit Petroleum (Zeitco) (2006).
 - PETROJET (2005).
- : The Test of English as a Foreign Language (TOEFL, Score: 517).
- : International Computer Driving License (ICDL).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2017 till now
Employer : Engineering and Contractor Company
Job title : Electrical Engineer
Job Description :

- Making shop drawings which includes SLD, lighting, power, fire alarm, data, ...etc.
- Follow up electrical works on site.
- Quote prices for electrical part of BOQ.
- Attend technical meeting with clients.
- Making site survey for electrical projects.
- Contact suppliers.

Dates : From 2012 till 2016
Employer(s) : Saleh and Hegab & Enviroconsult Consulting Offices
Projects : Residential, Pumping Stations & Bank
Job title : Technical Office Electrical Engineer
Job Description :

- Making Electrical Design which includes calculation and drawings for the following systems:
 - Electrical Power System which includes (RMU, Transformer, Generator, Cable and its accessories, Distribution Panels, Lighting Fixtures, ...etc.).
 - Light Current systems which includes (Fire Alarm System, telephone system, Data Network, sound system, Closed Circuit TV (CCTV), Paging System, ...etc.).
 - Automatic Control System which includes (PLC, Transmitters,

motors with contactors, ...etc.)

- Revising technical offers from subcontractors for approval.
- Communicating with different people involved in the project for project management.
- Confirming achieving the standard codes & specifications for all works.
- Check samples of the electrical material received from contractor.
- Preparing electrical section of BOQ with design drawings which includes (single line diagram, internal and external lighting systems and earthing system).

Dates : From 2009 till 2011
Employer(s) : 3B Technology for petroleum services & Re.De.Egypt
Job title : Technical Office E&I Engineer
Job Description :

- Studying tenders & enquiries of oil & gas companies.
- Studying technical & commercial offers of suppliers which include electrical, Mechanical, instrumentation, fire alarm fire fighting, NDT, corrosion monitoring & metering systems.
- Making the suitable technical & commercial offers in accordance with the terms and conditions of the customer/enquiry needs.
- Answering technical & commercial clarifications.

Dates : 2008
Employer : Flow Measurement System (FMS)
Job title : Instrumentation Engineer
Job Description :

- Calibration to pressure gauges, pressure recorders, pressure valves and pressure hoses.
- Issuing the calibration certificates according to the calibration process results in accordance with the requirements of ISO 17025.