

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 5 years hands-on experience working in design and technical office.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 17/03/1990
Gender : Male
Marital Status : Single
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2012

LANGUAGES

Arabic : Native Language
English : Very Good
French : Basics

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: Matlab calculations, programming and simulation
: AutoCAD 2D drawing
: Proteus: PCB designing
: Adobe Photoshop
: Google SketchUp: 3-D shapes simulation
: Programming Languages: Visual Basic, Batch and JavaScript

TRAINING COURSES AND CERTIFICATIONS

: Photovoltaic Solar Power Plants Designing at BIC Company (2015).
: Power Distribution and Low Current Systems Design at Je telecom (2015).
: Classic Control course from Don Bosco Institute (2010).
: PLC Control Systems course from ITC (Industrial Training Council) (2011).
: Trainings at:

- Giza Cables/El-Sewidy Factory (2012).
- El-Kureimat Power Station (2011).
- National Control Center (2011).

- Cairo West Power Station (2009).
- : Aljizah Cables Factory Field Trip (2012).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2017 till now
Employer : Kharafi National
Job title : Tendering & Pricing Engineer
Job Description :

- Study tender offer requests and contract requirements.
- Study specifications, design drawings and BOQ. Preparing queries and discussing conflicts with owner and consultant.
- Preparing a detailed BOQ document enclosed with the required specifications to be sent to suppliers.
- Contacting suppliers and requesting quotations.
- Study the received technical and financial offers from suppliers and comparing with design documents and specifications.
- Preparing a project cost summary including the whole project cost.
- Preparing a priced BOQ to be sent to client in the financial offer.
- Preparing the project technical data according to the supplied documents of installation works to be sent to client in the technical offer.
- Following up with owner to provide him with any requested details.

Dates : From Nov. 2015 till Jun. 2017
Employer : Smart Engineering Group (S.E.G)
Projects :

- Mall of Qatar (Fit out works for 500 shops on 120000 m2, Doha, Qatar)
- Doha Festival City (Fit out works for 500 shops on 305000 m2, Doha, Qatar)
- Madina Lowa Jasim Training Camp (25 Buildings on 157000 m2, Doha, Qatar)
- Qatari Shafafya committee office building (Doha, Qatar)
- Al Emadi Palace (A 6-palace compound on 32937 m2, Doha, Qatar)
- Heraj Market (Doha, Qatar)
- Kenz Compound (76 Blocks on 108846 m2, Cairo, Egypt)
- Qalb Masr Hospital (2000 m2, Cairo, Egypt)

Job title : Electrical Design Engineer
Job Description :

- Preparation of electrical conceptual designs including electrical load estimation, interior lighting, small power, electrical infrastructure, low current, fire alarm, security systems, protection design and panel schedules according to KAHRAMAA and Qatari Civil Defense regulations.
- Preparing cable sizing, short circuit, and voltage drop calculations and lighting calculation sheets.
- Coordination with the other disciplines to meet the client's needs and requirements to conform to approved codes and standards.
- Following up the KAHRAMAA electrical design, Qatari civil defense and NFP regulations.

Dates : From Aug. 2014 till Oct. 2015
Employer : Ministry of Water Resources and Irrigation

Job title : MEP Maintenance Engineer
Job Description :

- Supervising daily field electrical maintenance works, such as indoor/outdoor lighting systems, electrical supplies, HVAC equipment, water pumps and elevators.
- Put the electrical protective maintenance plan for site power substation (i.e. RMU, feeders, transformers, UG cables, CB).
- Supervising destructive maintenance works implemented by technical electrical maintenance team.
- Testing protection switchgears and monitoring power consumption day by day.
- Organizing large maintenance projects with third-party contractors for maintenance of elevators, transformers, water pumps and air conditioning chillers.
- Designing and implementing new desirable change in electrical network by making load estimation and calculations, putting new design drawings, choosing ratings and models and running the project tender.
- Monitoring the site Photovoltaic solar power station behavior and output. Supervising cleaning and maintenance works.

Dates : From Aug. 2014 till May 2016

Employer : Automac ISC

Job title : Qualification / Validation Engineer

Job Description :

- Following up all GxP regulations of manufacturing, maintenance, cleaning and testing processes related to pharmaceutical and food production.
- Cooperation with the QA\AC compliance team to put the annual prospective and retrospective qualification plan as well as cooperation with the qualification\validation team to apply this plan on any change related to product quality (i.e. new equipment, updated equipment, facility change, utility system change, production facility change).
- Participating in putting the qualification protocol for any change project in collaboration with the project manager and the change related pharmacist user.
- Studying the project design documents, performing the design qualification and preparing for SAT and calibration phases.
- Executing the installation, operation and performance qualification phases to assure the change compliance to GMP regulations and reporting for the change status to be approved or rejected.
- Documenting the qualification project data, tests, results, certificates and reports in GDP forms to be archived.

Dates : From Feb. 2014 till Jul. 2014

Employer : Automac ISC

Job title : Automation Design / Site Engineer

Job Description :

- Designing new industrial automation systems based on PLC controllers at fields like pharmaceutical production and packaging, food production and packaging, water supply and treatment, ventilation and HVAC control systems, and power distribution systems.
- Design and onsite implementing various kinds of control systems' elements like pneumatic, hydraulic and electrical devices, regarding the

- site health, safety and environmental regulations.
- Troubleshooting and modifying broken down equipment /systems in both cases of hardware issues (i.e. sensors, switches and actuators) and software issues (i.e. PLC software, HMI software and motor drives parameter settings) to obtain desired modification at the minimum system stop time.
 - Preparing electrical power and control design drawings and delivering the project as built drawings, bill of quantities, hardware design specifications, software design specifications, I/O list and P&ID documents.
 - Testing, commissioning, troubleshooting and starting up the project system.
 - Delivering onsite training on the new/modified system.

Dates : From Dec. 2012 till Dec. 2013
Employer : Egyptian Armed Forces
Project : Military Service
Job title : Technical Office Engineer at Construction Military Unit

Dates : From 2008 till 2010 (during education)
Employer : Awseem.com, 3rbfilz.com
Job title : Social Web Site / Forum Moderator