

Holds a B. Sc. in Communication & Control Engineering and has over 10 years experience working as Site Engineer / Quality Engineer.

## **PERSONAL DATA**

Nationality : Egyptian  
Birth Date : 16/08/1990  
Gender : Male  
Residence : Giza, Cairo

## **EDUCATION**

: B. Sc. in Communication & Control Engineering, Modern Academy for Engineering & Technology, Cairo, 2012

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

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

## **TRAINING COURSES AND CERTIFICATIONS**

: Mobile communication Diploma (GSM, GPRS, UTMS).  
: Microcontroller Application Basic (C++ language).  
: Circuit Electronic Project Building.  
: VHDL Course.  
: CCNA knowledge (self-study).  
: Electrical distribution (self-study).  
: Autodesk AutoCAD certified.  
: Training as Electrical Site Engineer with Mega Company at Banha Power Plant (Jul. 2012).

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Nov. 2021 till now  
**Employer** : Gama Construction

- Project** : Equestrian Club and Aquatic Swimming Pool at Olympic City in the New Administrative Capital (Mission: Construction building)
- Job title** : Electrical Quality Engineer
- Dates** : From Jul. 2021 till Nov. 2021
- Employer** : Gama Construction
- Project** : The Latin District in New Alamein City (Mission: Construction building)
- Job title** : Electrical Quality Engineer
- Dates** : From Sep. 2018 till Jul. 2021
- Employer** : Kharafi National
- Project** : El Mostakbal GIS Substation 220KV/22KV (Mission: Construction building)
- Job title** : Electrical Site Engineer
- Job Description** :
- Reading design specifications and technical drawings.
  - Reading Single line diagrams for GIS (SLD), Power Sockets layout, Normal lighting layout, Emergency lighting layout, fire alarm layout, telephone layout, main earthing grid layout & cable trace layout.
  - Researching suitable solutions and estimating costs and timescales.
  - Implementing electrical power sockets, data, light, fire, telephone, cable trays & main earth grid with it risers.
  - Implementing GIS equipment, Main transformer equipment & SWGR equipment.
  - Ensuring that installation and operations conform to standards and customer requirements which prepared by consultant.
  - Establishing of cable pulling and Performs commissioning and continuity test for it.
  - Implementing of cable termination for power and control cables.
  - Oversee project production efforts to assure projects are completed satisfactorily, on time and within budget.
  - Lighting Load Calculation, Power Load Calculation.
  - Supervise work on site according to the drawings prepared.
  - Check work is according to drawings approved by authority.
  - Check id design and incorporate with our shop drawings.
  - Clarify problems persisting at site.
  - Attend meetings and coordinate with other departments to solve any technical issues.
  - Working with a variety of technicians.
  - Manage labors according to site requirements to finish work according to the given work schedule.
  - Prepare daily work report.
  - Taking out quantity from shop drawings to order the required material.
  - Follow up with the suppliers to receive material on site according to requirements.
  - Take authority approvals on prepared shop drawings.
  - Follow all updated authorities' rules & regulations.
  - Raise inspection requests and follow up with the consultants for the status.
  - Understand site conditions and meet with consultants or main customer to solve the technical issues coming at site.

**Dates** : Aug. 2018  
**Employer** : Kharafi National  
**Project** : East Damietta Power Plant - GE Frame 9E turbines  
(Mission: Calibration for Instrument Devices and wiring diagram checking)  
**Job title** : Electrical Site Engineer

**Dates** : From Apr. 2018 till Aug. 2018  
**Employer** : Mohammed Abdulmohsin Al-Kharafi & Sons  
**Project** : 7 Star Cardiac Hospital (8 floors + ground floor) with 5 Blocks  
(Mission: Construction building)  
**Job title** : Electrical Site Engineer  
**Job Description** :

- Reading design specifications and technical drawings.
- Reading Single line diagrams (SLD), Power load layout & lighting layout, Electrical Wiring Design.
- Researching suitable solutions and estimating costs and timescales.
- Implementing electrical power, data, light, fire, cctv, IpTv, bms, das, access control, bHu and nurse call containment and conduiting.
- Ensuring that installation and operations conform to standards and customer requirements which prepared by consultant.
- Establishing of cable pulling and Performs commissioning and continuity test for it.
- Implementing of cable termination for power and control cables.
- Implementing of isolators for Air Hand units.
- Oversee project production efforts to assure projects are completed satisfactorily, on time and within budget.
- Lighting Load Calculation, Power Load Calculation.
- Supervise work on site according to the drawings prepared.
- Check work is according to drawings approved by authority.
- Check id design and incorporate with our shop drawings.
- Clarify problems persisting at site.
- Attend meetings and coordinate with other departments to solve any technical issues.
- Working with a variety of technicians.
- Manage labors according to site requirements to finish work according to the given work schedule.
- Prepare daily work report.
- Taking out quantity from shop drawings to order the required material.
- Follow up with the suppliers to receive material on site according to requirements.
- Take authority approvals on prepared shop drawings.
- Follow all updated authorities' rules & regulations.
- Raise inspection requests and follow up with the consultants for the status.
- Understand site conditions and meet with consultants or main contractors to solve the technical issues coming at site.

**Dates** : Mar. 2018  
**Employer** : Kharafi National

- Project** : Hurghada Power Plant GE (General Electric) LM6000 turbines  
(Mission: Installation New Liquid fuel operation Skids and its modification)
- Job title** : Electrical Site Engineer
- Job Description** :
- Reading design specifications and technical drawings.
  - Researching suitable solutions and estimating costs and timescales.
  - Implementing New LFO Skids and its modification.
  - Ensuring that installation and operations conform to standards and customer requirements.
  - Establishing of pulling Control cables between turbine skids and Dcs and Perform commissioning and continuity test for it.
  - Installation of Interconnection of 3 JB.
  - Oversee project production efforts to assure projects are completed satisfactorily, on time and within budget.
  - Supervise work on site according to the drawing prepared.
  - Clarify problems persisting at site.
  - Attend meetings and coordinate with other departments to solve any technical issues.
  - Working with a variety of technicians.
  - Manage labors according to site requirements to finish work according to the given work schedule.
  - Prepare daily work report.
  - Follow up with the suppliers to receive material on site according to requirements.
  - Follow up with the customer for the status.
  - Understand site conditions and meet with main contractors to solve the technical issues coming at site.
- Dates** : Feb. 2018
- Employer** : Kharafi National
- Project** : El-Kureimat Power Plant  
(Mission: Upgrading 9FA.03 DLN 2.6+XD5 DF, AGP, CDM, EFM, CTM, Opflex, MK VI to MK VIe in Frame 9f turbine (250MW))
- Job title** : Electrical Site Engineer
- Dates** : Feb. 2018
- Employer** : Kharafi National
- Project** : East Assiut Power Plant  
(Mission: Combustion inspection for GE Gas turbine frame 9E (125MW))
- Job title** : Electrical Site Engineer
- Dates** : From Nov. 2017 till Feb. 2018
- Employer** : Kharafi National
- Project** : Port Said Power Plant GE (General Electric) LM6000 turbines  
(Mission: Replacing all old terminal lugs kit with new terminal lugs kit for Medium voltage cables between Main gas turbine units and Switch gear)
- Job title** : Electrical Site Engineer
- Job Description** :
- Reading design specifications and technical drawings.
  - Researching suitable solutions and estimating costs and timescales.

- Replacing all old terminal lugs kit with new terminal lugs kit for all medium voltage cables for 2 units.
- Ensuring that installation and operations conform to standards and customer requirements.
- Perform commissioning, continuity, megger test and Hipot test for all medium voltage cables.
- Oversee project production efforts to assure projects are completed satisfactorily, on time and within budget.
- Supervise work on site according to the drawing prepared.
- Check work is according to drawing approved by Main Contractor (GE).
- Clarify problems persisting at site.
- Attend meetings and coordinate with other departments to solve any technical issues.
- Working with a variety of technicians.
- Manage labors according to site requirements to finish work according to the given work schedule.
- Prepare daily work report.
- Follow up with the suppliers to receive material on site according to requirements.
- Follow all updated authorities' rules & regulations.
- Raise inspection requests and follow up with the Main Contractor (GE) for the status.
- Understand site conditions and meet with consultants or main contractors to solve the technical issues coming at site.

<b>Dates</b>	:	From Sep. 2017 till Nov. 2017
<b>Employer</b>	:	Kharafi National
<b>Project</b>	:	Hurghada Power Plant GE (General Electric) LM6000 turbines (Mission: Replacing all old terminal lugs kit with new terminal lugs kit for Medium voltage cables between Main gas turbine units and Switch gear)
<b>Job title</b>	:	Electrical Site Engineer
<b>Dates</b>	:	Aug. 2017
<b>Employer</b>	:	Kharafi National
<b>Project</b>	:	Sharm El Sheikh Power Plant (General Electric) LM6000 turbines (Mission: Training on gas compressor Ariel with gas compressor vendor)
<b>Job title</b>	:	Electrical Site Engineer
<b>Dates</b>	:	Jul. 2017
<b>Employer</b>	:	Kharafi National
<b>Project</b>	:	Sharm El Sheikh Power Plant (General Electric) LM6000 turbines (Mission: Inspection all Medium voltage cables for 6 turbines and 3 Main Transformers)
<b>Job title</b>	:	Electrical Site Engineer
<b>Job Description</b>	:	<ul style="list-style-type: none"> <li>• Reading design specifications and technical drawings.</li> <li>• Researching suitable solutions and estimating costs and timescales.</li> <li>• Inspection all Medium voltage cables for 6 turbines and 3 Main Transformers.</li> <li>• Pull and Installing New Medium voltage cables for unit 2.</li> </ul>

- Installing new terminal lugs kit for all medium voltage cables for unit 2.
- Ensuring that installation and operations conform to standards and customer requirements.
- Perform commissioning, continuity, megger test and Hipot test for all new medium voltage cables.
- Oversee project production efforts to assure projects are completed satisfactorily, on time and within budget.
- Supervise work on site according to the drawing prepared.
- Check work is according to drawing approved by Main Contractor (GE).
- Clarify problems persisting at site.
- Attend meetings and coordinate with other departments to solve any technical issues.
- Working with a variety of technicians.
- Manage labors according to site requirements to finish work according to the given work schedule.
- Prepare daily work report.
- Follow up with the suppliers to receive material on site according to requirements.
- Follow all updated authorities' rules & regulations.
- Raise inspection requests and follow up with the Main Contractor (GE) for the status.
- Understand site conditions and meet with consultants or main contractors to solve the technical issues coming at site.

**Dates** : Jun. 2017

**Employer** : Kharafi National

**Project** : Hurghada Power Plant (General Electric) LM6000 turbines  
(Mission: Replacing all Medium voltage cables for 6 turbines and 3 Main Transformers)  
(Mission: Calibration for Instruments and wiring diagram checking)

**Job title** : Electrical Site Engineer

**Job Description** :

- Reading design specifications and technical drawings.
- Researching suitable solutions and estimating costs and timescales.
- Inspection all Medium voltage cables for 6 turbines and 3 Main Transformers.
- Installing new terminal lugs kit for all medium voltage cables for 6 turbines and 3 Main Transformers.
- Ensuring that installation and operations conform to standards and customer requirements.
- Perform commissioning, continuity, megger test and Hipot test for all new medium voltage cables.
- Oversee project production efforts to assure projects are completed satisfactorily, on time and within budget.
- Supervise work on site according to the drawing prepared.
- Check work is according to drawing approved by Main Contractor (GE).
- Clarify problems persisting at site.
- Attend meetings and coordinate with other departments to solve any technical issues.
- Working with a variety of technicians.
- Manage labors according to site requirements to finish work according to

the given work schedule.

- Prepare daily work report.
- Follow up with the suppliers to receive material on site according to requirements.
- Follow all updated authorities' rules & regulations.
- Raise inspection requests and follow up with the Main Contractor (GE) for the status.
- Understand site conditions and meet with consultants or main contractors to solve the technical issues coming at site.
- Pull and Installing Medium voltage cables.
- Installing new terminal lugs kit for all medium voltage cables.

**Dates** : May 2017  
**Employer** : Kharafi National  
**Project** : Cairo North Power Plant  
(Mission: Upgrading 9FA.03 DLN 2.6+XD5 DF, AGP, CDM, EFM, CTM, Opflex, MK VI to MK VIe in Frame 9f turbine (250MW))  
**Job title** : Electrical Site Engineer

**Dates** : Apr. 2017  
**Employer** : Kharafi National  
**Project** : Hurghada Power Plant (General Electric) LM6000 turbines  
(Mission: Repairing Generator Switch gear (Circuit breaker) in unit 5)  
**Job title** : Electrical Site Engineer  
**Job Description** :

- Reading design specifications and technical drawings.
- Researching suitable solutions and estimating costs and timescales.
- Inspection all Medium voltage cables Between Unit 5 gas turbine and Main Transformer.
- Repairing generator circuit breaker in unit 5.
- Pull and Installing Medium voltage cables.
- Installing new terminal lugs kit for all medium voltage cables.
- Ensuring that installation and operations conform to standards and customer requirements.
- Perform commissioning, continuity, megger test and Hipot test for all new medium voltage cables.
- Oversee project production efforts to assure projects are completed satisfactorily, on time and within budget.
- Supervise work on site according to the drawing prepared.
- Check work is according to drawing approved by Main Contractor (GE) and main vendor for this switch gear.
- Replacing CTs & VTs.
- Perform commissioning, continuity, CTs test and VTs test for all new CTs & VTs.
- Reinstalling all bus bar.
- Wiring diagram check (Commissioning & Continuity).
- Clarify problems persisting at site.
- Attend meetings and coordinate with other departments to solve any technical issues.
- Working with a variety of technicians.

- Manage labors according to site requirements to finish work according to the given work schedule.
- Prepare daily work report.
- Follow up with the suppliers to receive material on site according to requirements.
- Follow all updated authorities' rules & regulations.
- Raise inspection requests and follow up with the Main Contractor (GE) for the status.
- Understand site conditions and meet with main contractors to solve the technical issues coming at site.
- Inspection and complete all missing for tag name plates for all 6 unit and BOP system.

**Dates** : From Jul. 2016 till Apr. 2017  
**Employer** : Ebc Company  
**Job title** : Sales Engineer

**Dates** : From Apr. 2016 till Jul. 2016  
**Employer** : Orange Dsl  
**Job title** : Technical Support

**Dates** : From Oct. 2015 till Apr. 2016  
**Employer** : Private Car  
**Job title** : Technical Support

**Dates** : From Nov. 2013 till 2015  
**Employer** : Egyptian Military  
**Job title** : Electrical Site Engineer

**Dates** : Jun. 2010 (before graduation)  
**Employer** : Tmooh Company  
**Job title** : Outdoor Sales

**Dates** : Jun. 2009 (before graduation)  
**Employer** : First Vision Company  
**Job title** : Telesales

**Field of experience** :

- Electrical Engineer in Power Projects.
- Quality Control Engineer in Residential Projects.
- Familiar with GE gas turbine (Frame 9E (125MW), Frame 9F (250MW), LM6000).