

Holds a B. Sc. in Communication & Control Engineering and has over 6 years hands-on experience working as Site Engineer.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 16/08/1990
Gender : Male

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

: Microcontroller Application Basic (C++ language).
: Autodesk AutoCAD certified.
: Training as a Electrical Site Engineer with Mega Company at Banha Power Plant (May 2015).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Sep. 2018 till now
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	:	From Apr. 2017 till Sep. 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	:	<ul style="list-style-type: none">• 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	:	From Aug. 2016 till Apr. 2017
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	:	<ul style="list-style-type: none"> • 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 : From Jun. 2016 till Aug. 2016
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.

Dates : From Apr. 2016 till Jun. 2016
Employer : Kharafi National
Project : 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)
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 6 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.

Dates	:	Jun. 2016
Employer	:	Kharafi National
Project	:	Sharm El Sheikh Power Plant (General Electric) LM6000 turbines (Mission: Inspection all Medium voltage cables for 6 turbines and 3 Main Transformers)
Job title	:	Electrical Site Engineer
Job Description	:	<ul style="list-style-type: none"> • 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. • Pull and Installing New Medium voltage cables for unit 2. • 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 : From Oct. 2015 till Apr. 2016
Employer : Kharafi National
Project : Hurghada Power Plant (General Electric) LM6000 turbines
(Mission: Replacing all Medium voltage cables for 6 turbines and 3 Main Transformers)
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 : From Jul. 2015 till Oct. 2015
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 Nov. 2013 till 2015
Employer : Egyptian Military
Job title : Electrical Site Engineer