

Holds a B. Sc. in Electrical Power Engineering and has over 11 years hands-on experience working in construction field.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Kafr El-Sheikh

EDUCATION

: B. Sc. in Electrical Power Engineering, Shorouk Academy, 2009

LANGUAGES

Arabic : Native Language
English : Very Good
French : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD
: PLC
: Navis Works

TRAINING COURSES AND CERTIFICATIONS

: Trainings in Turbines, circuit breaker, low voltage, fuse, test control instruments, Arab Contractors Company for Electrical Industries (ABB) (Aug. 2008).
: Training at Ministry of Foreign Trade - The Authority to control exports and Imports (Jul./Aug. 2008).
: Training in turbines (especially wind turbines), Electricity Company in Egypt.
: Training at Nasr Petroleum Company - one of the EGPC Affiliated Companies (Jul. 2007).
: ICDL
: WCE railway course at Alstom Dubai Center, Alstom University E-learning courses (Feb. 2019).
: Change Management "CMT" (Jul. 2018).
: Ethics and Compliance Alert Procedure (Jul. 2018).
: Diversity Without Labels (May 2018).

- : Confined space (Feb. 2018).
- : Rail Discovery (Jan. 2018).
- : Alstom Leadership dimensions (Dec. 2017).
- : On time delivery (Dec. 2017).
- : Railway safety (Dec. 2017).
- : High Risk Activities (Dec. 2017).
- : Code of Ethics (Dec. 2017).
- : Sustainability and Corporate Social Responsibility (Dec. 2017).
- : Aconex & SharePoint Training for End Users (Nov. 2017).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Aug. 2019 till now
- Project** : CAIRO METRO L3 PH 4A / 4B / DEPOT COLAS RAIL
- Job title** : Power Supply Subsystem Manager
- Job Description** :
- Ensure the application and adherence to the reference processes methods and tools, requesting waivers whenever appropriate.
 - Organize the Kick off meetings with Project Design team for input document verification, subsystem and system testing.
 - Write the project Verification and Validation plan.
 - Manage the Requirement Validation Table (RVT), coordinating the importation of requirements from design team, and exporting and importing the requirements (e.g. safety reqs. from Safety team and eqs. validation to T&C for site testing).
 - Co-ordinate and monitor project Verification, Integration activities.
 - Ensure the coverage of requirements all along the project, ensuring that executing (via various means) provides a full coverage to guarantee a correct implementation of the requirements: functional requirements and safety requirements.
 - Following up of Performing full verification or validation of all parameters and data produced on the project.
 - Organize and lead verification and validation documents reviews.
 - Following up of Writing the project solution verification and test reports.
 - Ensure independence of verifiers from authors of the verified deliverables for the requirements to be tested on site by quality team, define test specifications and report results after correct execution.
 - Provide the required reports as defined by client Processes and/or specifically required by the Project, e.g. change request reporting, etc.
 - Responsible for Electrical substations activities including procurement, PO, TCO for electrical equipment installation (transformer, mv switch gears, traction protection board, negative cubicle board, control panels, power center board, lv switch board including race way installation, cable installation and termination).
 - Power supply for mechanical equipment such as HVAC systems, motors of rolling area, CCM area at steel plant.
 - Power supply for overhead cranes and low voltage systems.
 - Determine project management plan (Procurement, PR, PO) total cost offer (TCO), FAT for electrical equipment manpower, tools, equipment, and material requirements for electrical craft.

- Perform planning for three weeks look ahead with delivery schedule of material.
- Attend weekly meeting of client.
- Follow up for procurement with procurement department and suppliers.
- Provide top management with gaunt weekly for status of progress and material status.
- Order materials. Write material with draw requests. Perform material take offs.
- Review work accomplished.
- Monitor actual work performance compared to the project budget and schedule.
- Coordinate activities with other disciplines and clients' resident representative as instructed by construction management.
- Ensure the most current design documentation is being utilized to complete activities.
- Provide leadership for the safety, accident prevention, and fire prevention programs on the project.
- Use company software to manage data and document deliverable requirements.
- Develop work packages.
- Follow up Report quantities.
- Follow up and prioritize Inspect installation quality.
- Oversee operations on a day-to-day basis, and ensure that work done safely, on time and within budget and to the right quality standards.

Dates	:	From Nov. 2017 till Aug. 2019
Employer	:	Alstom Transport SA, Riyadh – Saudi Arabia
Project	:	Riyadh Metro Project (Line 5), under Power Supply (POS) subsystem as L5
Job title	:	POS Installation Engineer
Job Description	:	<ul style="list-style-type: none"> • Responsible for electrical power supply subsystem field such as construction and installation of electrical services. • Direct Site Management: <ul style="list-style-type: none"> - MV cables network: Drawings tracking, BOQ revising, work scheduling and site implementation. - LV/CC/FO cables network: Drawings tracking, BOQ revising, work scheduling and site implementation. - Stations Management: <ul style="list-style-type: none"> ❖ Cable tray installation: Drawings tracking, BOQ revising, work scheduling and site implementation. ❖ Equipment installation: Work scheduling and site implementation. ❖ Cables and Termination: Drawings tracking, BOQ revising, work scheduling and site implementation. - Arranging and attending the internal inspection requests (with Alstom QC) and the Inspection requests (with consultant “RAMPED”). • Subcontractor Management: <ul style="list-style-type: none"> - Oversee operations on a day-to-day basis, and ensure that work is done safely, on time and within budget and to the right quality standards. - Overall Line 5 BOQ revising: Drawings tracking (Design, Shop

- DWG), BOQ revising and highlight the conflicts to the management in order to revise the BOQ quantities.
- Variation orders: Crosschecking, tracking and highlight the mismatch and differences to the management in order to validate the VOs.
- Materials control and tracking: To keep works running smoothly to avoid works blockage and to avoid any extras of materials to be wasted or consumed.
- Arranging subcontractor work fronts to avoid any claims related to idle man power.
- Consultant Management:
 - Attend the consultant weekly coordination meeting.
 - Coordinate with other colleagues for closing consultant remarks and surveillance items.
 - Preparing technical replies supported with all required specifications, approved documents in order to respond to the consultant correspondences.
- QC Management:
 - Arranging all necessary information/evidences to close the CARs (Corrective Action Requests) and NCRs (Non-Conformity Requests).
 - Tracking QC logs on weekly basis to close the internal/external comments.
 - Arranging with colleagues to convert (inspection requests) IRs with consultant from approved with comments to be approved without any comment.

Dates : From Oct. 2015 till Oct. 2017
Employer : SIAC CONSTRUCTION
Project : Steel Factory (NPSS steel factory mini mill), Ain Sokhna
Job title : Senior Electrical Installation Engineer
Job Description : Scheduling, manpower control, material control, responsible for achieve Client requirements and objectives, and erection statement planning of Continuous Casting billet (CCM) (water treatment plant) (rolling mill) for earthing, cable tray, equipment, cable pulling, termination.

Dates : From Jan. 2014 till Aug. 2015
Employer : HASSAN ALLAM CONSTRUCTION
Project : Steel Factory (IIC steel factory mini mill), BENI SUEF
Job title : Electrical Installation Engineer
Job Description : Scheduling, manpower control, responsible for achieve Client requirements and objectives, and erection statement planning of Continuous Casting billet (CCM) (water treatment plant) (rolling mill) for earthing, cable tray, Erection of equipment, cable pulling, termination.

Dates : From Sep. 2009 till Jan. 2014
Employer : ARAB CONTRACTORS CO. (OSMAN AHMED OSMAN)
Project : Sewage Treatment Water Stations
Job title : Electrical Installation Engineer

- Job Description** :
- Installation of (0.4KV) motors operates a pump.
 - Installation of submersible and dray, vertical pumping Units and the it's protections.
 - Installation of electrical Low Voltage panels according to Approved method of statement and approved drawing.
 - Installation of (A.T.S) panels.
 - Carry out of internal and external lighting systems.
 - Dealing with Fire alarm & Fire fighting systems.
 - Ventilation systems.
 - Water hummer protection system.
 - Installation and maintenance of electrical valves.
 - Installation and maintenance of level control systems.
 - Installation and maintenance of flow meter devices.
 - Installation and maintenance of pressure systems.
 - Assembly and erection of transformers.
 - Installation, termination, pulling and testing of electrical cables.
 - Erection of raw water stations (1500 L/S) / units (20 Units).
 - A vertical pump (1500 L/S).
 - Erection of medium Voltage panels according to approved method of statement and approved drawing.
 - Erection medium voltage (C.B).
 - Erection of (CT - VT - Power transformers).
 - Dealing with medium voltage Multi Function protection relays.
 - Installation and maintenance of Low Voltage panels according to approved method of statement and approved drawing.
 - Carry out of lighting systems.
 - Installation of water hummer protection system.
 - Installation of electrical valves.
 - Installation of chargers and batteries.
 - Erection of overhead cranes.
 - Installation of level control systems.
 - Installation of pressure systems.
 - Installation, termination, pulling and testing of electrical cables.
 - Carry out regular and emergency maintenance for all the Components and develop the maintenance program to be Appropriate through the Data sheet for each.
 - Prepare plans for the needs of spare parts, equipment and tools of Measurement and follow up procurement with those responsible.
 - Preparation of training requirements for the caretakers for the Installation, maintenance and implementation.