

Holds a B. Sc. in Communication & Electronics Engineering and has over 5 years experience working in construction and QA/QC.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 19/08/1994
Gender : Male
Marital Status : Married
Residence : Ras Gharib, Red Sea

EDUCATION

: B. Sc. in Communication & Electronics Engineering, 2017

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

: CCNA
: Instrumentation Diploma.
: Distribution of power systems (disconnects switches and power outlets).
: Sizing and description of cables based on current capacity, derating, voltage drop and dip and short circuit).
: MV/LV substation design.
: MV/LV single line diagram.
: UPS Sizing.
: Generator Sizing.
: Transformer Sizing.
: Power Factor correction Sizing.
: Distributer Sizing.
: Panel boards schedules.
: Earthing system.

- : Short circuit and voltage drop calculations.
- : Fire Alarm system.
- : Sound system (Public address system).
- : Medium voltage substation (Medium voltage Distributer - Medium voltage switch gear - RMU Sizing - Medium voltage cab).
- : Data network System and IP system.
- : Master Antenna TV system (MATV).
- : Queuing (Clients calling) system.
- : Closed circuit T.V system (CCTV).
- : Have a good skill with scripting languages.
- : Training at General Petroleum Co. (Aug./Sep. 2017).
- : Training at West Bakr Co. (Aug./Sep. 2016).
- : Training at General Petroleum Co. (Aug./Sep. 2015).
- : Training at Suez Oil Co. "SUCO" at oil Gulf Fields (Jul./Aug. 2014) and at Ras Badran Fields (Jul./Aug. 2013).
- : International Computer Driving License (ICDL certification) (Apr. 2011).

CHRONOLOGICAL EXPERIENCE RECORD

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| Dates | : From Mar. 2022 till now |
| Employer | : Petrojet |
| Project | : Nitrogen Fertilizer Comple, Ain Sokhna
(Construction Project of fertilizer complex for Ammonia, Urea, Calcium Ammonium Nitrate, Nitric Acid, Ammonium Nitrate) |
| Job title | : E&I QA/QC Engineer |
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| Dates | : From Jan. 2022 till Mar. 2022 |
| Employer | : Petrojet |
| Project | : Strategic Crude Oil Tank Farm, Ras Ghareb Area - Red Sea
Strategic Crude Oil Tank Farms is construction of 36 reservoirs in four locations on both sides of the Gulf of Suez (Ras Ghareb Area, Ras Badran Area, Ras Shukeir Area and Agrod Area) with each tank having a diameter of 110 meters, a height of 22 meters and storage capacity of 1.1 million barrels, in order to take advantage of oil storage when world price drop. Ras Ghareb Area includes the construction of 6 reservoirs. |
| Job title | : E&I QA/QC Engineer |
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| Dates | : From Dec. 2020 till Jan. 2022 |
| Employer | : Petrojet |
| Project | : Strategic Crude Oil Tank Farm, Ras Badran Area – South Sinai
(Project includes the construction of 12 reservoirs) |
| Job title | : E&I QA/QC Engineer |
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| Dates | : From Apr. 2018 till Oct. 2020 |
| Project | : Military Service |

Job Description : Electrical & Network Engineer at Information Systems Branch of the Northern Military Region Command in Alexandria.

Field of experience :

- E&I QC Site Inspector with 5 years of experience in construction, of power distribution system (Low, Medium, High voltage power distribution systems), fire alarm, firefighting systems, automation and control systems (PLC, DCS), grounding, indoor and outdoor lighting, CCTV, networks, instrumentation activities (installation, leak test, calibration, ... etc.), and project finalization by applying practical managing and engineering acumen and highly developed perception skills.
- Follow all electrical construction activities at site (Lighting system, small power, fire alarm, telecommunication, telephone/data, paging, CCTV, earthing, lightning, cathodic protection, heat tracing, conduit, cable tray, MCC, load center, LV/MV switchgear, power transformers, batteries, BC, cables laying, termination and testing, Diesel generators, motors ...etc.).
- Leading and technical advising for subcontractor at site.
- Ensure following up project schedule to be fulfilled in time as planned.
- Following up and reviewing for quantity surveys & monthly Invoices.
- Arranging, Preparing and Leading for the construction & coordination meetings.
- Arrange issuing and replying letters to subcontractor and client.
- Checking for the material quantities, quality and approval.
- Scheduling and following up for the manpower histogram & productivity.
- Have a proactive approach in problem solving.
- Undertake QC functions in the workplace for daily QC activities. (Installation inspection requests walk downs, testing inspection requests, punch listing... etc.).
- Conduct inspection of raw materials, bought out items and review of Material Test Certificates (MTC) and the specification requirements.
- Interface and coordinate with clients for QC matters and coordinate with third party inspection agencies for all related inspection activities.
- Prepare quality control procedures/work instruction, Method of Statement, ITP (Inspection Test Plans) according to project & client requirements and follow-up for its approval and monitor the implementation.
- Plan and supervise sub-contractor inspection activities and reviews of QC performance.
- Supervise sub-contractor staff for reporting, recording and inspection activities and ensure that all equipment used are calibrated and with valid certificates.
- Issuing non-conformity reports (NCR) where required.
- Inspection of site electrical installments: conduit, cable tray, cable laying (direct buried, duct banks, in trenches, through conduits, cable trunks and cable trays), cable termination and cable testing for all cable types (HV cables, MV cables, LV cables, control cables, fiber optic cables and telephone & data cables).
- Attending inspection during installation and pre-commissioning of high, medium & low voltage switch gears, protective relays, DB's, Motor Control Centers (MCC), power and distribution transformers, medium & low voltage panel boards, motors, batteries, UPS & battery chargers, cathodic protection system for tanks and underground pipelines, lighting

system, power system, fire alarm system, CCTV system, paging system, telephone & data system, earthing system and lightning systems.

- Attending FAT (Factory Acceptance Tests) for electrical equipment.
- Attending SAT (Site Acceptance Tests) for all electrical equipment as per approved SAT procedures, project specifications and applied codes/standards.
- Inspecting of motors no-load test (solo run test). For low, medium voltage motors.
- Issuing and controlling of punch list for all electrical and instrumentation activities and systems.
- Interfacing with project management completion software's like Co-Console.
- Supervise the construction and inspection activities for instrumentation overall site as per P&ID, project specification and hook up drawings.
- Witness for the calibration of all instrumentation with hand over to owner including gauges, transmitters, RTD, thermocouples, control valves and MOV.
- Preparation and witness for loop folder and loop check.
- Preparation of final QC dossiers/mechanical completion dossiers for handing over to the client and maintain proper filing system (as per organization procedure) with full traceability for retrieving the document.