

## **RESUME**



**MOHAMMED THARIK, BE (Electrical & Electronics)**

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### **Career Objective:**

*Looking forward for a challenging career in an organization where I can realize and utilize my potential to make valid contribution to the growth of the company and to grow along with it.*

### **Work Experience:**

***Position: Senior substation site Manager***

***Company: Trading & Development Partnership, KSA***

***Client: Saudi Consolidated Electricity Company.***

***Duration: Aug – 2009 to Feb 2021***

### **Projects:**

- ❖ 33/13.8KV Substation at AL-KHARJ (2009-2011).
- ❖ 33/13.8KV Substation at AL-QASSIM (2011-2013).
- ❖ 33/13.8KV Substation at AL WATANIYA (2013-2015).
- ❖ 33/13.8KV Substation at MAJMAH (2015- 2016).
- ❖ 132/13.8KV Substation at SULAYIL (2016-2018).
- ❖ 132/13.8KV Substation at AL AMARIA (2019-2021).

### **Roles and Responsibilities**

- Ensures that all construction works are undertaken to required designs, Specification, Standards.
- As per PTS and specifying our Scope of Work.
- Follow up Plan, Progress and co-ordination with sub-contractor to complete the activities to meet the project schedule and supervise the Subcontractors.
- Develop and maintain relationships with clients to maintain client satisfaction.
- Develop and maintain professional communications with co-workers and clients.

- Facilitate and troubleshoot problems associated with projects.
- Respond to and provide advice to clients& inquiries.
- Reviewing the schedule of materials and equipment's Delivery.
- Provides direction for projects& obtain permits needed to execute.
- Attend client meetings by weekly basis and respond for their comments.
- Purchase materials and equipment as needed in the site
- coordination with site team Engineers and follow up the progress of work.
- controlling the site cost during execution of the activities.
- Coordination with consultants, QS, QA/QC, Safety and Store division .
- Errection of 132kv GIS (section A,B &C)
- Errection of 33kv Metal clad Switchgear (section A,B & c).
- Errection of 13.8kv Switchgear panels (section A,B and c).
- Errection of 20MVA & 67MVA power transformer.
- Errection of 13.8kv Neutral Earthing Resistor.
- Installation of Low voltage Panels ACDB,DCDB,OLP,ILP.
- Installation of 132kv/13.8kv protection& control Panels.
- Installation of substation battery charger along with Dropper Diode.
- Installation of SCADA & SAS Automation system as per Architecture
- Installation of electromechanical Raceways for the LV, MV& HV cables.
- Reviewing the routing for the cables for indoor and outdoor gantry cable sealing end structure.
- Installation of Linkbox for the HV cable in indoor and outdoor systems.
- coordination with concerned Engineer for the electromechanical & civil during site execution .
- Laying of control cables for switchgear, protection relays, control panels, Powertransformer, low voltage panels ,SAS panels & telecom panels.
- Checking of external protection cable as per the schematic diagram with schedule.
- Installation of lightning arrester and shielding system for the substation.
- Installation of Earth mat for the substation and providing route.
- Supervising, controlling and close monitoring of site activities.
- Coordinating with T&C team daily to follow the activity completion progress as per the approved plan.
- Network with Clients, Consultants and Contractors to ascertain technical specifications; project related essentials, based on the prevalent rules
- Laying & supervision of power cables both LV AND HV CABLE.
- Reviewing the tender documents according to the customer specifications.
- Weekly kickoff meeting with clients, subcontractor regarding the technical discussions.
- Reviewing the invoice from contractor and compare with site progress percentage prior to approval.
- Attending F A T for power transformers & switchgear.
- Responsibility includes project execution and reporting to project Managers.
- Coordination with clients during the testing and commissioning.

### Work Experience:

**Position:** *Site Engineer*  
**Company:** *Emirates Trading Agencies (ETA), DUBAI*  
*(Power project Division)*  
**Client:** *Dubai Electricity & Water Authority (DEWA)*  
**Duration:** *Oct – 2007 to April – 2009*

### Roles and Responsibilities (Design & Site execution)

- Soil Resistivity testing of 132kv/11kv substation.
- Lux level designing calculation for 132/33/11kv substation.
- Installation of 33/11kv indoor switchgears and indoor equipment's.
- Installations of bus bars.
- Installation of power transformers
- Installations of protection and control panels.
- Installations of RMU & auxiliary transformers
- Identifying issues and resolving them on time.
- Installations, operations and maintenance MDB, SMDB, power DB, Lighting DB, Emergency power DB, UPS power DB, Battery panel.
- Installations of Lighting systems, BMS, FIRE ALARM.
- Installation of Package units in the substation
- Coordination with consultants, vendors, QS, QA/QC, SAFETY and STORES DEPT.
- Maintain site inspection report.
- Lux level calculations for indoor & outdoor installations lighting systems.
- Installations of underground HV/LV cables.
- Reporting to site manager on daily basis as per the work progress in site.
- Maintain good relations with Statutory Authorities for availing mandatory sanctions.
- Review the cable schedule and supervise the laying of control cables for the all the electrical equipments.
- Preparing the RFI and follow with concerned equipment suppliers.

### Academic Profile

- *Anna University, Chennai- India.*
- **Bachelor of Engineering (Electrical & Electronics)**  
Note: Ranked with **First Class** among the graduates of the academic year 2003 - 2007

## Graduate Project

### ❖ *Multiple Switching System using Critical Intelligence:*

*The main objective of our project is to Switch and monitor different loads at different conditions using Visual Basic program.*

### Area of Interest

- *Project Management*
- *Site Management*
- *Low & medium voltage*
- *High voltage*

### Computer Skills

- *MS Office*
- *AutoCAD.*

### Personal Profile

- *Name* : *Mohammed Tharik .Z*
- *Date of Birth* : *November 27, 1985*
- *Sex* : *Male*
- *Residential Address* : *No: 2107 Ellaianman Kovil Street, Thanjavur.*
- *Linguistic Proficiency* : *English, Arabic, Tamil & Hindi*
- *Degree attested* : *Saudi Embassy (GCC)*
- *Saudi Council No* : *110815*
- *Driving License (KSA)* : *2275646228*
- *Visa Status* : *Visit Visa (Valid until 21/Dec/2021)*

### DECLARATION

*I hereby declare that all the details furnished above are true to the best of my knowledge.*

***Mohammed Tharik***