# SYED IQBAL AHMED

MY RESUME



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##

## Having good exposure in Projects related with Projects Management, Construction, Installation, Pre-Commissioning, having attended Basic PMP certification training course. An intelligent and dedicated person with excellent skills having more than 19-years of overall work experience in the following:

1. **09-Years** as Project Engineer in 69/33/13.8KV Substation Projects at **SAUDI ELECTRICITY COMPANY** (DAMMAM, KSA).
2. **02-Years** as Site Engineer in 132/66KV Power Transmission Line Projects at **SAUDI CABLE COMPANY** (DOHA, QATAR).
3. **02-Years** as Site Engineer – Electrical in Crude Oil Export Facilities Project at **HYUNDAI HEAVY INDUSTRIES CO. LTD**

(AHMADI, KUWAIT).

1. **03-Years** as Complete In-Charge for Electrical & Instrumentation Works in New Chemical Industrial Facilities Project

at **SAUDIK CONTRACTING CO. LTD** (DAMMAM, KSA).

## 04-Years as Assistant Engineer in Complete Operation & Maintenance of 220/66/11KV Substations at KARNATAKA

##  POWER TRANSMISSION CORPORATION LTD (KPTCL, MADHUGIRI DIV, INDIA) through contractor.

## Qualification: Bachelor of Engineering in Electrical & Electronics.

**HOLDING**: 1) KPTCL (BESCOM) - Electrical Class-I Supervisor License & 2) KPTCL (BESCOM) – Class 1 Contractor License

**Personal Details:**

Date of Birth : 15-03-1973

Nationality : Indian

Marital Status : Married (Having 2-Childrens)

### Passport Date of Exp. : 10-10-2025

Driving License : Holding Valid **Indian & Saudi Arabian** Driving Licenses

Contact No. : M: +91-9380084897 (India).

Current Location : Bengaluru, India.

1. **Organization : Self Employed**

 **Location : Bengaluru Duration : October-2019 to Present**

 **Type of Licenses : KPTCL (BESCOM) – CLASS I - ELECTRICAL SUPERVISOR LISENCE**

 **KPTCL (BESCOM) – CLASS I – ELECTRICAL CONTRACTOR LISENCE**

Carry out the inspection for the new Electrical Services for the newly constructed residential & commercial buildings



**1. Organization :** **SAUDI ELECTRICITY COMPANY (East).**

 **Location : Dammam, KSA (Ministry Job)**

 **Department : Distribution Engineering Department;**

 **Post held : Project Engineer; Job Type: Permanent; Duration : June-2010 to June-2019**

Saudi Electricity Company (East) is managed by the ministry of Saudi Arabia involved in Power Generation, Transmission & Distribution system and maintenance works; arranging power supply to residential, commercial and industrial consumers in the eastern region of Saudi Arabia.

**Job involves the following step by step activities under Projects Management:**

1. **Construction of 69/13.8KV and 33/13.8KV Substations (New / Reinforcement Projects):**
* Preparing PTS (Project Technical Specification), GCC, SCC, for procurement of new 69KV substation contracts.
* Review of contract documents, preparation of bill of quantities.
* Floating tenders for company approved vendors / service providers.
* Attending pre bid and negotiation meetings with vendors / service providers.
* Preparing pre – qualification / Technical qualification documents required for the tender.
* Reviewing the pre-qualification documents received from the vendors / service providers.
* Attending project kick-off meetings after award of contracts.
* Coordinating with the vendors/ service providers.
* Pre tendering site visits.
* After contract awarding, Guiding the contractor for the preparation of the detail design package, Issuing the IFC approval to start the job at site, monitoring the construction progress activities at site by keeping the milestone dates fixed for each & every activity of the project (Civil, Mechanical, Electrical, SCADA, SAS & Communication activities).
* witnessing & supervising the construction, installation, Pre & final - testing & commissioning activities of Power Transformers, 13.8KV Switchgears, 69KV SF6 GIS Switchgears, 33KV SF6 (OR) Vacuum Switchgears, Control & Protection System, HVAC System, Fire Alarm System, SCADA System and Communication System etc.
* Guiding & follow up with the contractor for supplying the operational spare parts, return of dismantled materials to SEC ware house, clearance of all punch list items, submission of final as-built drawings for SEC record.
* Issuing the project clearance certificates for the final close out of the project.

**Achievements**:

 **Single handedly completed the following turnkey projects**:

1. New 69/13.8KV Assalam substation project.
2. New 69/13.8KV Sports City Substation Project.
3. New 33/13.8KV HUDAIB Substation Project.
4. New 33/13.8kV MEQUOA Substation Project.
5. New 33/13.8kV Doumat Al-Jandal (B) Substation Project.
6. Reinforcement of 33/13.8KV Zallum Village Substation Project.
7. Installation of ABTS in 9 substations at Al-Hasa Area.
8. Up-Gradation of QURAYAT City 33/13.8KV Substation



**2. Organization :** **SAUDI CABLE COMPANY.**

 **Project : Qatar Power Transmission System Expansion Phase-7 Cables**

 **Client : KAHRAMAA ; Consultant: EFC**

###  **Post held : Electrical Site Engineer ; Duration : March-2008 to Dec-2009**

Saudi Cable Company is Saudi Arabian Based Company involved in manufacturing of all types of power, control & communication cables and execution of Power Transmission System projects,

**Completion of the Following Power Transmission Line Projects, for which I have been Supervised & Managed the Trenching, Cable Pulling, Jointing, Termination, Testing and Commissioning along with complete Cross Bonding system involves Installation of JB Panels, Termination, Cross Bonding Testing of the Ground Cables**:

* 66Kv, 1C\*400 Sq.mm XLPE Power Cables of OLD AIRPORT EAST TO MUSAIMEER Route of 24 Kilometers Length.
* 66kv, 1C\*400 Sq.mm XLPE Power Cables of ABUHAMOUR TO ABUHAMOUR CENTRAL Route of 10 kilometers Length
* 132kv, 1C\*1000 Sq.mm XLPE Power Cables of ALWAAB SUPER TO MURAIKH NORTH Route of 12 kilometers Length
* 66kv, 1C\*400 Sq.mm XLPE Power cables of ALWAAB SUPER TO NBK-2 Route of 5 kilometers Length

Supervise & Manage Single handedly to complete the 66kV & 132KV, 40MVA & 80MVA total of No.9 circuits, of overall circuit length of total 51 Kilometers within the target date, applicable cable sizes of 1C\*400 Sq.mm & 1C\*1000 Sq.mm, XLPE along with (FOC & DTS cables Blowing, Termination & Testing for each circuits).

**During the execution of the projects I got exposure to the following:**

* IEC, BS Standards for the Installation, Jointing, Termination & Testing of EHV Power Cables.
* KAHRAMAA (Qatar Electricity Board) approved Electrical Standards & Specifications.
* Various Work Permit Systems.

**2. Organization :** **HYUNDAI HEAVY IND CO LTD.**



 **Project : Crude Oil Export Facilities Expansion**

 **Client : Kuwait Oil Company; Consultant: Flour International**

###  **Post held : Electrical Site Engineer ; Duration : June 2006 to March-2008**

Hyundai Heavy Industries is a Korean MNC involved in manufacturing of ships & heavy equipments and execution of EPC Projects; I got very much detailed exposure in Project Handling, Health, and Safety & Environment.

**Projects Work Description which involves the Construction, Installation, Inspection & Pre-Commissioning Activities as mentioned below:**

* Overall electrical & control work of 66/11KV sub-station including power & control cabling, transformers, protection & control panels, grounding system, 13.8KV switchgears, UPS system & battery bank and battery chargers.
* Complete impressed current anode cathodic protection system for the gravity pipelines, crude oil storage tanks.
* Emergency generator of 1250KVA capacity along with Panel, power & control cables.
* Indoor & outdoor lighting system for the tank area including control panels, cabling.
* Outdoor 11KV RMU system including HV/LV power & control cabling.

**During the project I got exposure to the following:**

* IEC, BS Standards for the Installation, Testing of Electrical System
* Kuwait Oil Company (KOC) approved Electrical Standards.
* Various Work Permit Systems

**Achievements:**

Independently handled the complete portfolio for the Installation, Splicing , Termination & Testing of HV/LV(11/0.44kv) Power cables about 3000 m length, Installation & Testing of RMU Units- 2 Nos., HV/LV(11/0.44) Switchgears-4 Nos., 1000-2600 KVA Power Transformers- 2 Nos., & in Cathodic Protection System for 7-Sets of Crude Oil Storage Tanks Along with PJB, NJB & Rectifier Transformer Units.

**3. Organization : SAUDIK CONTRACTING CO LTD.**



 **Project : Chlorine Caustic Soda Plant &**

 **Bertrams Plant (NAOH Concentration Plant)**

 **Client : Basic Chemical Industries (First Industrial City, Dammam)**

 **Consultant : UHDENORA, Milano, Italy**

###  **Post held : Engineer Site In-Charge for the Electrical Control**

###  **& Distribution System and Instrumentation Works**

 **Duration : August-2004 to May-2006**

Saudik Contracting Co Ltd is Involved in Electro-Mechanical Projects in over all Saudi Arabia, I got very much detailed exposure in Project Handling,Health, and Safety & Environment.

**Project Involves the Managing & Supervision in Construction, Installation, Inspection & Pre-Commissioning for the activities as mentioned below:**

* Dry Type Distribution (Power) Transformers: 2-Nos. of 2MVA capacity (Make: TEK, Italy).
* M.V switchgears of 13.8kv class: 2Nos. (Make: Lucy Switch Gears)
* MCC and Power Center Panels: 8-Nos. (Make: REY ROLLE, Italy)
* Power Factor Improvement Capacitor Banks: 2-Nos. (REY ROLLE, Italy)
* Battery Charger unit of 110V (DC) output: 1-No. (Make: DUBAS)
* Diesel Generator Set of 500KVA capacity: 1-No. (Make: CATTERPILLAR INC, USA)
* Induction Motors with pumps of different capacities along with Push Button control system: 90-Nos. (Make: CROMPTON GREAVES)
* DCS (Distributed Control System) cabinets for power supply & control system for the field instruments & field Induction motors: 11-Nos. (Make: Honeywell)
* Rectifier Transformers of 5.2 MVA capacity Installation & Insulation testing of the AC (star/delta) bus bars from rectifier transformers A/B to rectifier units (Panels) A/B & DC bus bars from rectifier units to electrolysis room along with the DC isolators & supports. (Make: TEK, Italy)
* Installation, termination & testing of the LV cables both 1-phase & 3-phase through under ground cable duct & on the cable trays applicable for power supply & control of the field motor pumps from the main control & distribution room(i.e. sub-station). (Make: Saudi Cables)
* Ear thing system for all electrical, mechanical & structural system for the whole plant as per IEC standards.
* Installation, termination & continuity testing of the power & signal cables from Distributive Control System (DCS) to Junction Boxes & then to Field Instruments (Make: Rose Mount)

**Achievements:**

Self design the Power & Control Cable sizes with reference to the design load schedule, as some of the cables not included in cable schedule as per design, Installation of MCC & PCC panels are well planned by me as we have to install inside the closed sub-station, self designed the routing of the anodic & cathodic bus bars from rectifier units to the Electrolysis units. Many Modifications in the plant system as per the client requirement is handled & executed very well by following the IEC & BS standards.

**4. Organization : KARNATAKA POWER TRANSMISION CORPORATION LTD (KPTCL)**



 **Location : 220/66/11 KV Sub-Stations**

###  **Post held : Joined as Trainee Technical Assistant Engineer in Division Office Works**

###  **then get transferred in 220/66/11 KV Substation Maintenance**

###  **through Contractor**

###  **Duration : Jan-2001 to July-2004**

### Joined this Government Owned Power Generation, Transmission & Distribution Organization first as a Trainee Technical Assistant in Division Office Works; then get transferred in 220/66/11 KV Substation Maintenance as Assistant Engineer.

### **As a Trainee Technical Assistant**: I have been Involved in the Installation & pre-commissioning activities for the following:

### 25-1000 KVA Power Distribution Transformers

###  HT & LT (11KV & 440V) Over head lines (i.e. ACSR conductor, Rabbit conductor…) along with RCC/PCC Poles, Street Lighting System for the Towns coming under whole Division

 Quarterly Inspection of the Existing 11KV/440V Distribution Stations of whole Division as a **Preventive Maintenance** with my Senior Officer.

**As an Assistant Engineer**: I was involved in complete Operation & Maintenance of 220/66/11 KV Sub-Station. Got exposure to overall 220KV Sub-Station Electrical & Control System. I got very much detailed exposure in Health, Safety, and Environment.

**Achievements:**

Sizing & installation of the Power transformers, Over Head 11KV / 440V, 2-ACSR, 4-ACSR, Rabbit conductors, and Number of RCC & PCC poles required for the particular Areas / Villages according to the detail load data’s provided by the KPTCL survey team. Independently inspect the installation of 11/0.44 KV pole mounted distribution transformers, RCC/PCC poles along with Overhead HV/LV 2-ACSR, 4-ACSR, Rabbit conductors as per the KPTCL Specs & regulations.

Design the Indoor & Outdoor Lighting system of the 220KV sub-station as it needed to replace over all existing lighting system of the substation. Strictly follows the KPTCL specifications & standards while carrying out the operation & maintenance works. Trouble shooting of the entire 220KV, 66KV & 11KV power & control system during the faulty conditions in order to restore the power supply to all of the 66KV & 11KV outgoing feeders within a short span of time. Replaced the faulty 66KV B-Phase CT of outgoing feeder & restored the power supply within short time duration.

**Place: BENGALURU, INDIA; Date: E-Signature : SYED IQBAL AHMED**