
# RAJESH.R

**BE in Electrical & Electronics Engineering (2006-2010)**

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## OBJECTIVE

As an Electrical Engineer, I have been involved in steps of costing, estimating, pre-commissioning, commissioning, protection and control. My experience has exposed me to many different types of equipment and I have faced and overcome many challenges. Looking forward, I would like to build on my skills and take on new challenges in projects.

## WORK EXPERIENCE

**From MAY-2016 to Present : Testing & Commissioning Engineer**

**Company Profile : Al Ahleia Switchgear Co. Kuwait**
P.B NO. 25876, Safadi 13119
Kuwait

- **Project: KNPC CFP Project MINA AL-AHAMADI ,Kuwait**
- **Project: KIPIC NRP1 Project AL-ZOUR ,Kuwait**

### ROLES&RESPONSIBILITIES

- Operation & Maintenance of 23 Substations with Power transformers & lighting transformers.
- Coordination with Consultant for the planning of Electrical Systems and Utilities.
- Analyzing the Project, User Requirements, working out the BOQ, RFQ and Preparation of CST.
- Coordination with Consultant for the tendering and finalization of the contracts for Electrical System.
- Supervise and ensure the delivered equipment fulfil with project standards and specifications.
- Reviewing and reporting of the project status.
- Testing & Commissioning of all Primary equipment like CT, PT, BUSBAR ,Bus ducts, Circuit Breakers, Power modules, Meters, Lighting DBs, Scheme checks ,functional test, Bus bar stability, Transformer stability, Line stability(FO Method).
- Troubleshoot of plant electrical problems; determine their cause & implementation of options for eliminating such problems.
- Condition Monitoring, Predictive maintenance of critical equipment and corrective actions to avoid breakdown.
- Planning and completion of various planned shutdown Maintenance of Substations in the plant.
- Monitoring and Data Preparation of Power Consumptions
- Maintaining minimum spares for attending breakdown in minimum time.

- Preparation of HIRA, ensuring Awareness for all reporting staffs on Hazardous area classifications and Maintaining of electrical equipment.
- Coordination with various departments for feedback and suggestions on detecting problems and resolving for smooth functioning of all Electrical equipment.
- Conducting Safety audits and ensuring the compliance Implemented.
- Revision of the checklists, Maintenance Procedures and audit checklist, based on the up-gradation of the system.
- Co-ordination with various vendors and preparation of CST for procurement of materials and contractors.
- Creating Purchase orders in ERP, following until material reaches the site and payment done for the vendor.

**From SEP. 2014 to FEB. 2016 : Testing and Commissioning Engineer**

**Company Profile** **: PACOST INTERNATIONAL. Ltd.**
2nd Floor, AL-Raja Tower 8921
KING FAHADBIN ABDUL AZIZ RD,
AL-KHOBAR 344242888.

- **Project:** 36.5/13.8/4.16KV GAS POWER PLANT- SIPCHEM- SAUDI ELECTRICTY TRANSMISSION COMPANY (SETC).

- **Project:** 33/13.8 KV NEW HUDAIYB S/S- AL-JOUF, SAUDI ELECTRICTY TRANSMISSION COMPANY (SETC)

**From OCT. 2010 to NOV. 2014 : Testing and Commissioning Engineer**

**Company Profile** **: INSER HITECH Engineers Pvt. Ltd.**
Kadapa Road, Saratha Nagar Extension,
Teachers Colony,
Chennai-600099.

- **Project:** 400KV SWITCHYARD,DAHEJ,GUJARAT (TORRENT ENERGY LTD)
- **Project:** 132/33 KV S/S ,DIGHA ,PATNA
- **Project:** 2*660 MW THERMAL POWER PLANT,RAJASTHAN
- **Project:** 375 MW GAS POWER PLANT,GUJARAT
- **Project:** *6*600 MW THERMAL POWER PLANT ,MAHARASTRA*

**ROLES&RESPONSIBILITIES**

- Testing and commissioning of400/220/132/33/11/6.6KV Switchyard &substation Equipment is having SF6, vacuum &ACBs.
- Testing of CT, P.T., CVT, EMVT, Circuit Breakers, LA, Isolators, UG cables
- KV), Power Transformer, and Motors.
- Testing and commissioning of LT& HT (3.3KV, 6.6KV, 11KV) Motors.

- Handling Control &Protection Schemes up to 400KVGrid Sub Station
- Operation and Maintenance of Power Plants and sub-stations.
- Preparation of cable schedule and termination schedules
- Knowledge about TANDELTA test for bushings and windings.
- Testing and Commissioning of 11 KV/433 V Dry typecast resin Transformers.
- HI pot test for11 KV bus bars 11 KV cable, 33 KV Cable.
- Testing and Commissioning of 11 KV/433V (1250 KVA) oil type Transformers.
- Tested of 300MVA Transformers.

## DETAILS OF VARIOUS PROTECTIVE RELAYS COMMISSIONED

- **SIEMENS (Software tool – DIGSI,REYDISP MANAGER)**

7SJ61,7SJ62,7SJ63,7SJ80- O/C and E/F Relay.
7RW80-Voltage & frequency Protection Relay
7SD802-Line Differential
7SR220-0/C & E/F Relay
7SR242-Transformer protection Relay

- **SEL RELAY (Accelerator Quickset)**

SEL 751,SEL 787 – Feeder protection Relay

- **ALSTOM**

P142,P143 –O/C&E/F Relay

## EXPOSURE TO TEST KITS

- IR Tester (10 KV DC) (MIT525)(MEGGER)(KYORITSU)
- CPC 100 (OMICRON)
- Primary Current Injection test kit (PCITS 2000/2,ODEN)
- Auxiliary test kit (SVERKER 780)(MEGGER)
- Micro-ohm meter(MOM600A)(MEGGER)
- High voltage test kit (0-100 KVAV)(0-80 KVDC) (PHEONIX)
- Tan delta test kit (DELTA 4310)(MEGGER)
- TTR test kit (TTR330)(MEGGER,RAYTECH)
- MTO test kit (MTO3XX) (MEGGER)
- SMRT Relay test kit
- MRCT(MEGGER)
- Secondary injection test kits(CMC256&356),FREEJA,DOBLE

## DECLARATION

I hereby declare that all the statements above are correct to the best of my knowledge and belief. I also understand that any discrepancy found in the above information will render me liable for cancellation of candidature.

**Signature**
(RAJESH)