

# SANTOSH GAIRHE

## Electrical Engineer

124/24 GA, Mirmire Tole, Chabahil-7, Kathmandu, Nepal



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DOB: 18 Nov 1987

Nationality: Nepalese

Gender: Male - Unmarried

Two wheeler driving license: yes

### PERSONAL SUMMARY

A competent electrical engineer with a comprehensive knowledge of designing, developing and maintaining electrical systems and components to required specifications, focusing on economy, safety, reliability, quality and sustainability. A consistent track record of successfully completing projects from the concept and detail of the design through to implementation, testing and handover.

### PROFESSIONAL EXPERIENCE

**High Tension Switchgears Pvt. Ltd, New Plaza, Kathmandu**

**Electrical Engineer**

**9th Jan 2011 – Present**

### RESPONSIBILITY

1. Autocad Layout / Section view drawing of high voltage substation from 11 kV to 132 kV.
2. Design, analyze and propose modification of Substation.
3. Reading electrical design specifications and technical drawings.
4. Preparation of Electrical Procedures for Installation, testing & commissioning of high voltage substation.
5. Preparing Cable schedule for substation equipment wiring.
6. Design of Shielding protection, rigid Bus Bar, Earthing, Indoor and Outdoor lighting of Substation.
7. Attending meetings to solve any technical issues.
8. Electrification of Residential Buildings.
9. Estimation of materials required for Installation of Substation Equipments.

### INVOLVED PROJECTS

1. Supply, Delivery, Installation & commissioning of 66/11kV, 6/7.5MVA Transformer Bay at Indrawati III Power House – GOD/2065/066-07
2. Supply, Construction and Installation of 132kV Pathlaiya Substation ICB-PS 01/2009.
3. Design, Supply, Installation, Testing & Commissioning of Capacitor Banks in Grid S/S PFIP -066/67-01
4. Supply delivery & comm of 66/11kV Transformer Bay at Banepa Substation. GOD/2066/67-05
5. Supply, Delivery & Comm.of 66kV SF6 CB, CTs & CVTs at Amlekhgunj S/S HGD/2067/068-01
6. Supply, Delivery, Inst, Testing & Comm of 132/33kV transformer bay at Lamki S/S – GOD/2067/03
7. Supply and Construction of 132kV line bays at Hetauda – Kulekhani II S/S – HK2S-SCLP-067/68-02
8. Design, Supply, Delivery, Installation, Commissioning and Testing of 6/8 MVA 33/11kV Markhu S/S – PTSCD-067/68-05 M S/S
9. Supply, Delivery, Inst & Comm of 132 kV LA & 66kV CVT at Suichatra S/S – KGD/2068/069-01
10. Design, Supply, Delivery, Installation, Testing & Commissioning of 11kV Capacitor bank in different S/S – TSD-067/68-02 HVCAP
11. Supply, Delivery, Inst., Testing & Comm. of 12kv outgoing VCB switchgear panels at chilime s/s RHGPCL/RGHEP/068/69/CP-2
12. Supply, Delivery & Commissioning of 66/11kv Transformer Bay - GOD/2068/069-08