

RESUME

SAMARESH DAS

Sr. Officer-Electrical

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Professional Summary

- An Electrical Engineer with **10+ years of experience in Electrical project & Maintenance field** Versatile and result oriented individual with thorough knowledge of all the kinds of electrical equipment used in a company.
- A persistent performer ready to perform number of high level tasks with efficiently.

Technical Skills

- Electrical circuit Drawing Making, Modifying & Rectifying at Site.
- Electrical fault Identification & Rectification within quick Succession.
- Ability to work on AutoCAD (2-D), MS Office etc.

Work Experience

1. Company: *Chloride Metals Limited (A Part of "Exide Industries Limited")*

- From 09th April, 2022 to Present

Location: Haldia, West Bengal

❖ Roles & Responsibilities

1. Daily monitoring of 33/0.415 kv substation (indoor type) for smooth operation of Electrical Machines and equipment's.
2. Observation of Running load, implementation of auto cut off technology applied at individual feeder during peak period.
3. Monitoring at APFC panel to maintain the good power factor at our company.
4. Reduction of energy consumption by precise uses of daily Maximum demand, Load factor, Power factor of plant.
5. Relay coordination at upstream and downstream breaker to prevent unwanted tripping.
6. Make the necessary electrical spares for every quarter and getting approval from HOD.
7. Installation, commissioning and Maintenance of 08 no's transformer (33000/433v, 3.15Mva, ONAN Type) with RTCC Panel.
8. Harmonic current calculation, design of Harmonic filter with capacitor bank(HFC) Panel for battery charging load.

9. Operation, maintenance of HT panel, LT panel (PCC panel, MCC Panel RTCC Panel, OLTC panel, VFD Panel) etc.
10. Electrical Breakdown maintenance of Lead ingot casting machine precisely for minimum down time.
11. Electrical breakdown maintenance on rotary furnace of LSHS fuel oil, APCS system, Rotary charging car operation, liquid Lead crucible trolley operation and rotary rotational motor etc.
12. Electrical breakdown maintenance of Refinery Fuel oil(LSHS) burner and its APCS system.
13. Electrical maintenance of Battery charging unit.(levelling machine, HRD machine, washing machine)
14. Electrical breakdown maintenance of EOT Crain(LT, CT, MH-10 ton, AH-10 ton) with all safety arrangements.
15. Maintaining safety precaution all time inside the factory.

2. Company: *Transtech Engineers & Contractors (Under Indirect Payroll of Voltas Limited)*

- From 09th july, 2018 to 8th April 2022

Client: Tata Consultancy Services

Location: Gitanjali Park, New Town, Kolkata, West Bengal

❖ Roles &Responsibilities (Shift Engineer-Electrical)

- 1) Make recommendations for electrical component updates for energy savings.
- 2) Installation of 2X2 LED light (Halonix, Panasonic), LED Batten tube light for better Energy saving.
- 3) Monitoring the Electrical Machine operation and functionality such as Oil type Transformer (33kv/11kv), Dry Type Transformer (11kv/415v), PCC, MCC, DG, VCB, VFD and APFC Panel.
- 4) Electrical fault identification & Rectification within quick succession.
- 5) Daily monitoring, schedule, and breakdown maintenance of 33kv indoor type Main receiving Sub-Station which includes 33KV (PIX-32) Switchgear, 33KV/11KV ONAN Transformer, NGR Panel, RTCC Panel etc.
- 6) Relay co-ordination between upstream and downstream breaker to prevent unwanted tripping.
- 7) Work on (Manual operation) in 11 kv DG Synchronisation Panel of 08 no's DG SET, Each of 2000kva.
- 8) Checking of Maintenance Logbook & taking information of Every Unit.

3. Company: *Tuaman Engineering Limited* - From 26th March 2015 to 02nd July,2018

Project Client: Rastriya Ispat Nigam Limited (Visakhapatnam Steel Plant)

Project Location: Visakhapatnam, Andhra Pradesh

Project Description:

- ii. Supply (for site) & Erection, Testing & Commissioning of Construction Power Substations (11kv/415v) for Coke Oven Battery No.-05 Project at Visakhapatnam Steel Plant. **(Project Value-4.00 Cr.)**
- iii. Supply (for site) & Installation, Testing, Commissioning and Modification of HT & LT MCC's, Illumination System at Various Buildings, Modification of R I/O Panel etc. at Visakhapatnam Steel Plant. **(Project Value-4.2 Cr.)**

❖ Roles &Responsibilities (Engineer-Electrical)

- 1) Discussion with detail sketch, SLD & Scheme with client for implementation of additional protection feature within PCC, MCC etc to overcome uncertain Fault/breakdown/Damages without affecting the Equipments.
- 2) Modification work at PCC, MCC (11KV, 6.6KV & 415V) by providing specific protection relays and necessary equipment's.
- 3) Installation of VCB's, 11/0.415 kV & 6.6/0.433 kV Distribution Transformers, CT, PT, Relay, MDB, High Mast Tower, Electrical Rail Pole, Aerial Bundled Cable, Isolators, Earthing etc.
- 4) Testing & Commissioning of VCB, Transformer, ACB, Relays etc. with Testing Team.
- 5) Calculation of relay setting, programming for protection scheme of Microprocessor based relay, Numerical relay.
- 6) Contractor handling, Manpower Mobilisation, Electrical Safety, communication with client, Daily Job Progress Report preparation and submit to client.
- 7) Test Report, Measurement sheet and Hand over document etc signature taken from client.

4. Company: Himadri Chemicals & Industries Ltd. - From 18th June 2012 to 25th March 2015**❖ Roles &Responsibilities (Engineer-Electrical)**

- 1) Execution of In-house project (LEO-2, Producer Gas) etc under Superior Engineer and Project Manager.
- 2) Installation, Testing & commissioning of PCC, MCC, DG, VCB & APFC Panel with Testing team.
- 3) Installation of Plant area lighting system including streetlight, Plant Lighting etc.
- 4) Electrical control circuit preparation as desired by Works/Process department & implementation at Site.
- 5) Checking of job progress Logbook & report to project Manager

Achievements

- The "**Best Employee of The Year, 2015**" in Electrical Department at **Tuaman Engineering Ltd.** was highly appreciated by the superiors

Academic Qualification

- **B.Tech-Electrical (DGPA- 8.57)**
From **Durgapur Institute of Advanced Technology & Management (2008-2012)**
- **Higher Secondary Examination (Marks–66%)**
From **Chaipat High School (2005-2007)**
- **Secondary Examination (Marks –79%)**
From **Arit Vivekananda Vidyamandir (2003-2005)**

Personal Details

Name : Samaresh Das

Father Name : Nimai Chandra Das

Date of Birth : 05th May, 1990

Language Known : Bengali, Hindi & English

Expected in hand Salary(pm) : as per company standard.

Address : Near Naihati Advut Sangha Club,

Naihati, Arit, Daspur, Paschim Medinipur, West Bengal-721148

Date: 12.07.24