

Curriculum Vitae

Ajit Kumar Roy

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Permanent Address--10/1 Tilak Road ,
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Electrical License--31710
Passport- -M9718327

Educational Background

B.Tech in **Electrical Engineering _Year 2014.(MAKAUT) .**

Advance Diploma in Industrial Safety _ Year 2021(W.B.S.C.T.E)

Languages Proficiency

HINDI English Bengali

Software Skills

MS Office Auto Cad

Industrial Trainings

*H2S Awareness *PTW System *Road Safety Awareness *Confined Space Entry *Fire Fighting

Career Summary

6+ Years of Experience in Electrical Shutdown work, Project, Commissioning, Pre- Commissioning and Operation and Maintenance in oil and Gas Field as a Electrical Supervisor.

Worked as Electrical Supervisor joined in the month of January 2021 for Pre -Commissioning , Commissioning & StartUP of World's Biggest Single Train Fertilizer -II Plant at Indorama Nigeria .

Jan '2021 – Dec 2021	Client:Indorama Eleme Fertilizer Chemial Limited;Plant-Train II
Project,Pre-Comm,Comm &SatrtU	Site: Nigeria(Port Harcourt) / Electrical Supervisor – Deputed by "Kharis Infra"

- Supervision of Power and control cable laying as per cable schedule.
- Installation of Power and Distribution Transformer at site and their cable termination.
- Accountable for making punch points regarding any electrical activity at site.
- Accountable for Cold loop check and Hot Loop check of AIS Panel(3.3kV,33kV), 415V ,380V Switch Boards .
- Involved in modification job as per requirement at site .
- Inspection of material Like Cable drums, Gland,Lugs,Transformer assemblies,etc.
- Performed HiPot ,CRM ,Transformer testing ,CT & PT testing ,Breaker Testing.
- Responsible for MRT of LT and HT motors and function checks of Breaker Panels.
- Having signing Authority to clear RFI of all Electrical activities going in the field.

December '2018 – Nov' 2019	Client:BHARAT OMAN REFINERIES LIMITED;Plant:SRU,HGU
	Site: Bina ,MadhyaPradesh / Electrical Engineer – Deputed by "Siemens Limited"

Roles and responsibilities: (Operation & Maintenance)

- Accountable for Preventive ,Corrective and Breakdown Maintenance of LT & HT Motor both Flameproof and Non Flameproof, Battery Charger , UPS ,LT and HT Breaker(ACB , VCB , SF6) , Transformer(Power & Distribution) , Battery Banks , VFD Motors , Earthing Pits as per yearly schedule.
- Execution a team of 20 persons comprising Technicians, Helpers, wireman.
- Accountable for preparing Daily Reports (DPR), maintaining Log Books and History Card for routine and non routine jobs.
- Preparing PM schedule and Greasing Schedule for the month and its Compliance Report.
- Reviewing of CM Checklists and PM Checklist for the different Equipments for better performance.
- Analyzes equipment failures and prepares reports regarding findings and causes of failures .Completes RCA and Identifies remedial actions.
- Carrying out Risk Assessment for maintenance activities to ensure safe and smooth execution of job completion by following various Safe Working Practices and Procedures like 'Permit to Work', 'Lock Out-Tag Out' ,SMP, SOP etc.
- Performed BDV test for transformer oils and witnessed MCSA test for Motors (LT & HT), Overhauling of motors i.e Bearing replacement job, Simulation of Transformers.
- Tool Box Talk on daily Basis and given a training session among technician for improvement of individual.
- Troubleshooting job in PMCC, MCC, PDB, LDB Panels ,Transducer based Ammeter, Transformer, LT & HT Motors, and other electrical Equipments ,Changeover of Switchboards at time of need.
- Good skill in understanding Control Circuit and troubleshooting of various Electrical Equipments.

July'2014 – Dec 2018	**Client:CAIRN INDIA LTD/Plant:CENTRAL POLYMER FACILITY : MANGALA PROCESSING TERMINAL Site:Barmer,Rajasthan / Electrical Engineer – Sach Electromech Private Limited**

Roles and responsibilities: (Start UP, Electrical Construction , Commissioning and O&M)

- **Preventive Maintenance** and **Condition Monitoring** of HT and LT motors of Power Plant.
- Preventive maintenance of Alkaline Battery banks of UPS and Station DC power source.
- Preventive Maintenance of of SFU, MCCB, ACB, VCB breakers feeding Motor.
- Preventive Maintenance and CM of Oil Type and Dry type Transformer(Power & Distribution).
- Preventive Maintenance of Earth Pits.
- Carry out all the PM and CM of electrical Equipment as per its respective SOP, SMP.
- Lead the Team of Electrical Operation & maintenance to carry out safe operation of plant with maintaining Equipment Integrity as per maintenance schedule.
- Interface of Electrical & Instrumentation for control circuit ,Trouble shooting and coordination with instrument Team.
- Condition monitoring of Power Plant Electrical Equipments.
- Knowledge about protection Relays of ABB, Siemens make, L&T make
- Operation and Maintenance of Rockwell Automation Power flex VFD's for 6.6KV & its auxiliaries.
- Operation & Maintenance of Transformers.
- Operation & Maintenance of H.T. & L.T. Switchgears.
- Operation & Maintenance of P.D.S. & L.D.B.
- Operation & Maintenance of U.P.S.,Battery & Battery Chargers

- Routine maintenance / checking of Specific gravity, cell voltage, cleaning of alkaline battery
- Worked with breakers. (A.C.B., V.C.B .SF6)
- Operation & Maintenance of power control Centre (PCC) with auto changeover scheme between two incomers and one bus coupler and equipped with P&B make digital protection relay. (Advance feeder Vision and Feeder Vision Series.)
- Operation & Maintenance of Motor Control Centre (MCC) equipped with P&B make digital protection relay.(Motor Vision Series)..
- Lead the Team of Electrical commissioning team to carry out safe commissioning of plant as per process requirements with less time & maintaining quality & procedures.
- Daily meeting with managements for start-up & Commissioning activities by co-ordinating & continuous follow-up with project, pre-com contractors, vendors.
- Preparing punch point for Pre-com & Construction activities & follow- up for lequidization.
- Commissioning of process plant, Substation equipments, well head electrical equipments.
- Commissioning of Transformers.
- Commissioning of H.T. & L.T. Switchgears.
- Commissioning of P.D.B. & L.D.B.
- Commissioning of Power Control Centre (PCC) with auto changeover scheme between two incomers and one bus coupler and equipped with SEPAM protection Relay.
- Following IEC, Cairn, DGMS standards for Electrical equipments commissioning in hydrocarbon area& Hazardous area as per classification.
- Installation and commissioning of H.T. /L.T. Panels PCC, MCC, Various type DB's and JB's .

Personal Dossier

Date of Birth	:	21st May 1988	**Gender**	:	Male
Father's Name	:	Sri Ram Pukar Roy			
Religion	:	Hindu			
Marital Status	:	Married			
Strengths	:	Dedicated to work, optimistic & with positive attitude			
Languages Proficiency	:	English, Hindi, Bengali			

Declaration

I solemnly declare that all the above particulars are true, complete and correct to the best of my knowledge and belief.

Date: Ajit Kumar Roy