

PRADEEP KUMAR PANDEY

(B-Tech, EE-2012)

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“A result-oriented professional with 13.6 year of experience in Electrical Erection, Testing, Commissioning & Maintenance”

An Overview of Work Experience: -

- Working as **Dy. MANAGER** in Power Mech Projects Limited Since December 2023 (Client:- 3X660 MW, NUPPL Power Plant Ghatampur, Kanpur, Uttar Pradesh and Client:-Vedanta Aluminium Refinery Lanjigarh, Odisa).
- Worked as **E&I, In-Charge** in BNK Power Solution Pvt. Ltd. From Jan 2023 to Nov 2023. (Client:- 2X125 MW Akrimota Thermal Power Station (ATPS) GMDC, Kutch Gujarat).
- Worked as **Electrical In- Charge** in Renga Engineering works (India) Pvt.Ltd. From February 2022 to Jan 2023. (Client:- 2X600 MW Kalisindh Thermal Power Plant (KATPP), Jhalawar Rajasthan).
- Worked as **Engineer** in various company (9.5 Year), (Client: - Meja Urja Nigam Private Limited (M U N P L 2X 660 MW) Meja Prayagraj (Uttar Pradesh).

Electrical Maintenance: -

- LT & HT-Switchgear and Motors (415V,3.3KV, 6.6KV & 11KV), Transformer (23.5KV/400KV,11KV/132KV), Soft starter, VFD, Air Compressor, Battery Bank & Charger (220V, 48V), Scoops and ILMS System.
- 400KV, 132KV Switchyard.
- Power Transformers, Instrument Transformers.
- Bus duct air drier & HydrogenDrier.
- AVR & GRP Panel.
- Generator (**780 MVA**)
- Installation & modification of settings into the Relays.
- HVAC System.

Instrumentation Maintenance: -

- All PLC (ABB-800M, GE-Fanuc-cpu-E05, Allen Bradley-PB72
- All C&I part (MOV, Ash Hopper Level Switches, Belt weigher, ZSS, PCS, PLC Panels, CJBs etc.).
- Instrumentation: Pressure, Temperature, Flow & Level Transmitters. Control Systems: DCS, PLC, SCADA.

Testing: -

- Electrical Lab Equipment's.
- Pre-commissioning test of Motors (433 V, 3.3KV, and 11KV), no load & couple trail.
- Whole testing of Power Transformers, Instrument Transformers, ESP Transformer.
- Transformer OIL Testing (BDV, TAN Delta, PPM etc.).
- Whole NGT, Generator CT & PT testing.
- Relays, Circuit Breaker.
- Bus Duct, Cable.
- Hopper Heater, TR Panel.
- Pre-commissioning Capacity test of all rating of battery banks with desirable settings of charger itself.

Quality: -

- Ensure the all FQA with respect the erected equipment's which involve A class test as decided from NTPC.
- Issuance of inter office memo for surveillance.
- Weekly/monthly Review pertaining to quality issues observed during the site visit.
- Ensuring quality of a job in line with FQP, Quality manuals, technical specification with respective IS codes.
- Preparation of instrument List, IO List etc.
- Coordination with NTPC and Sub Vendor for Engineering and Documents Approval.
- Taking care of QA/QC documents of the entire project including RA Bills, certificates calibration, test results protocols, inspection request and site instruction/observations and other QA/QC documents.
- Coordination with various 3rd parties testing for evaluation of material and calibration of lab equipment's.
- Ensure & checked the hardness of boiler joints.
- Check the soil compaction test at lab end and collect the sample from the site.

Key Performance Indicators (KPI)

- **Procurement**-Spare-Material Code Creation, segregation at store and PR creation IN SAP, also lineup with party who authorized by GeM.
- Proficient with International codes and standards like IEEE, IEC & IS that governs for the best longevity of equipment's subsequent to smooth operation of plan
- Site mobilization in construction refers to the crucial phase where all necessary resources, personnel, and equipment are brought to the construction site and prepared for the project's commencement Equipment's improvements technically and safety point of view, Safety improvements, technical training to employees.
- Documentation for Audit.
- Follow up regarding material requirement.
- Ensuring 80% closure of monthly observation overall.
- Closure of safety observation within 01 day.
- Addressing Process/Opportunity related points on priority and aligning teams accordingly to complete the task within TAT.
- Senior Management TAT Clause plan. Ensuring closures within TAT of 2 days.
- Analyzing trends and preparing presentations for internal reviews.
- Create snag lists for any newly handed over equipment/facility.

- Preparation and Submission of 5S & Kaizen sheets, success stories.
- Approval of drawings and document regarding Cable Sizing & Cable schedule.

INDUSTRIAL TRAINING			
Completed 30 days Industrial Training from “Bharat Heavy Electrical Limited” (BHEL) Bhopal (M.P.)			
ACADEMIC PROJECTS			
<ul style="list-style-type: none"> • Mini project : Surge Current Protection Using Superconductor • Final Year Project: Vande Graff Generator 			
COMPUTER SKILLS			
<ul style="list-style-type: none"> • Languages: Basics of c & c++ • Knowledge of all editions of windows & MS Office. • Awarded with Grade B in course on Computer concept (CCC) conducted by NIELIT. 			
ACHIEVEMENTS & EXTRA CURRICULAR			
<ul style="list-style-type: none"> • NCC “B” certificate • Civil Defense 			
ACADEMIC CREDENTIALS			
QUALIFICATION	BOARD/UNIVERSITY	BOARD/UNIVERSITY	GRADE
B-tech-Electrical Engineering	Northern India Engineering College Lucknow	Northern India Engineering College Lucknow	Ist
Intermediate	Colonelganj Intermediate College, Prayagraj	Colonelganj Intermediate College, Prayagraj	Ist
Matriculation	K.P. Inter College, Prayagraj	K.P. Inter College, Prayagraj	IInd
PERSONAL INFORMATION			
<ul style="list-style-type: none"> • Father’s Name : Krishna Dev Pandey • Date of Birth : 02/01/1989 • Marital Status : Married • Address : Ward no-9, Vill+Post-Sirathu Dist-Kaushmabhi, Uttar Pradesh-212217 			

Date:- May 2026

Place:- Kanpur, U.P.

Pradeep Kumar Pandey