

CHANDRAPRAKASH SHARMA

Production Officer

CONTACT

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Permanent Address: Village -Nagla Brahman,
Post-Ladpur, District -Hathras, Pincode
-204101.

EDUCATION

- **Diploma in Electrical Engineering**
Dayalbagh Educational institute, Agra
2020-2023
- **12th in PCM**
RPM Public school, Hathras
2019
- **10th in PCM**
RPM Public school, Hathras
2017

Technical Skills

- BLDC Fan Assembly & Testing
- Production Planning & Scheduling
- Process Improvement & Line Balancing
- Quality Control & Inspection
- Root Cause Analysis (RCA)
- SOP Implementation
- 5S & Lean Manufacturing Basics
- Production Line Monitoring
- AutoCAD 2D Drafting & Solidworks
3D Modelling

Software Skills

- AutoCAD 2D and SolidWorks (3D modeling,
assembly design & basic simulations).
- SAP PP
- MS Excel (Production reporting, data
analysis)
- Power point presentation

HOBBIES

- AutoCad and Solid works Practice
- Learning New Design Tool
- Manufacturing Process Learning
- Reading
- Travelling

CERTIFICATIONS

- kaizen Certification for cost reductions
- Got recognition for support towards
sales

PROFILE

Diploma in Electrical Engineering with 2.10 years of experience in production and testing of railway-approved electrical products supplied to Indian Railways. Hands-on experience in 110V DC BLDC Fans for coach applications and DC Series Motors used in railway point machine systems. Skilled in motor assembly, controller testing, IR & HV testing, torque verification, and railway quality compliance. Proficient in MS Excel with working knowledge of AutoCAD and SolidWorks for basic 2D/3D design support.

EXPERIENCE

Officer, CG Power Industrial and Solutions Ltd.
July 2023 – till now

Railway BLDC Fan (110V DC Coach Application)

- Assembly and testing of 110V DC BLDC Fans
- Controller PCB installation and functional testing
- RPM, current and wattage testing as per railway specification
- Noise & vibration testing before dispatch
- Burn-in and endurance testing
- Wiring inspection and final quality clearance

DC Series Motor – Railway Point Machine

- Assembly of DC Series Motor for railway track switching system
- Field coil and armature assembly
- Commutator finishing and carbon brush alignment
- Insulation Resistance (IR) and High Voltage (HV) testing
- No-load, load and torque performance testing
- Forward/Reverse direction testing
- Spark checking and commutation inspection
- Root Cause Analysis (RCA) for rejection cases
- Coordination with QA for railway inspection approval

INTERNSHIP

- Intern – Uttar Pradesh Power Corporation Limited (UPPCL)
- Duration: 03 Months Completed an internship at UPPCL with hands-on exposure to power distribution systems, substations, and electrical equipment. Gained practical knowledge of transformer operation, protection systems, energy meters, and basic maintenance procedures. Assisted engineers in monitoring power distribution, fault reporting, and safety practices. Developed a strong understanding of power system operations and electrical safety standards.

PROJECTS

- DC Motor for electric point machine.
- Industrial Fan development