

Amar Kaushik

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Professional Summary :-

Resourceful Electrical Engineer offering 17 years plus background developing & designing new electrical system and testing equipment. Proficient in VFD, High voltage cabling & preliminary electrical design. Comfortable handling multiple projects simultaneously with little to no supervision. Focused on power systems, automation and control. In-depth understanding of control and power delivery systems. Experienced in developing technical studies and investigations.

Skills :-

- Admirable experience in installing substation & managing contractors for industrial environment.
- Ability to operate and maintain plant machines.
- Exceptional knowledge of PLC programming and troubleshooting.
- Ability to resolve all problems and identify issues.
- Ability to interpret schematics and drawings.
- Deep knowledge of elementary and logic drawings.
- Good understanding of electrical codes and practices.

Work History :-

Electrical Manager

OCT 2024 - Till Date

Shree Krishna Paper Mills & Industries Limited, Rajasthan.

- Performed maintenance procedures & repairs on existing products & systems. Calibrated and repaired existing systems such as VFD (ABB,YASKAWA, MITSUBISHI), PCC/MCC, VCB/ACB, HT/LT Substation.
- Identified specific cables, connectors, fuses, circuit breakers and other electrical devices required for installation of monitoring systems.
- Proposed electrical product and system modifications to improve quality & efficiency, Monitored manufacturing operations of electrical devices for compliance with safety protocols.
- Prepared budgets by estimating materials, labour & construction costs.
- Performed analysis to evaluate power needs for various systems.
- Maintain accurate records of maintenance activities, equipment history and inventory.
- Ensure all electrical systems comply with safety standards and regulations.

Electrical Manager**Nov 2015 - Till Date****Shakumbhari Pulp & Paper Mills Ltd. Muzaffarnagar, Uttar Pradesh.**

- Performed in-depth electrical acceptance testing of complete hardware, including continuity & High-potential isolation testing.
- Evaluated installed electrical equipment and systems to isolate faults & implement corrective actions.
- Prepared technical documentation for operation, troubleshooting & maintenance of industrial systems. Inspected completed installations to observe operations & verify conformance to design and equipment specifications.
- Commissioning of 120 TPD Agro based Pulp Mill in Bindal Paper Mills Ltd.
- Commissioning of 150 TPD Paper Machine with Shakumbhari Pulp & Paper Mills Ltd.
- Commissioning of latest ACS-880 VFD synchronization on 170 TPD Paper Machine & ESP with Shakumbhari Pulp & Paper Mill Ltd.

Assistant Electrical Manager**Aug 2008 - Oct 2015****Dev Priya Industries Limited Meerut, Uttar Pradesh.**

- Prepared technical documentation for operation, troubleshooting & maintenance of industrial systems. Inspected completed installations to observe operations & verify conformance to design and equipment specifications.
- Eliminated downtime and maximized revenue by providing top project quality control.
- Monitored supply levels and identified cost effective materials to reduce project expenses.
- Upgrade Paper Machine 120 TPD to 200 TPD Kraft Paper Machine -1 with Dev Priya Industries Limited Meerut.
- Commissioning of 350 TPD Kraft Paper Machine-2 with Dev Priya Industries Ltd. Meerut.
- Improved operations through consistent hard work and dedication.
- Prepared technical documentation for operation, troubleshooting & maintenance & repair of AC Drive ABB- ACS-800, ACS-550, ACS-850.

Electrical Engineer**Nov 2007 - Jul 2008****Krishna Tissues Pvt. Ltd. Kolkata, West Bengal.**

- Reviewed technical documentation for operation, troubleshooting & maintenance of industrial systems.
- Visually inspected & tested machinery and equipment, performing routine preventive maintenance.
- Scheduled & undertook periodic maintenance on all electrical installations, ACB, MCC, PCC, APFC.
- Monitored operations of electrical devices, VFD, identified issues, analyzed information and provide solutions to problems.

Qualifications :-

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|---|----------------|-------------|
| ▪ B.TECH (Electrical Engineering) | 72.26 % | 2007 |
| Meerut Institute of Engineering & Technology , UPTU Lucknow | | |
| ▪ Intermediate (PCM) (U.P.BOARD) | 71.00 % | 2001 |
| ▪ High School (Maths, Science) (U.P.BOARD) | 72.00 % | 1999 |

Project Details :-

- Minor Project – “ Lead Acid Battery Charger”.

The objective of the project was supplying high surge current means that the cells maintain a relatively large power to weight ratio.

- Major Project – “ Radio Frequency Controlled Car”.

The objective focusing to develop the embedded system to create a RF Controlled Car which can be used for security and safety purpose.

Summer Internship :-

- LLOYD Electric & Engineering Ltd. New Delhi. Duration :- 04 weeks

Project Title :- Calibration of measuring instruments.

Description. :- Calibration is a comparison between measurements, one of known magnitude or correctness made or set with one device & another measurement mode in as similar a way as possible with a second device.

Programming Software :-

PLC	:-	ABB	-	AC800M,
		FORBES MARSHALL	-	MICROCON+
OPERATING SYSTEM	:-	CHMI, SCADA, VIJO LOOK , Control Builder		

Languages :-

English



Hindi



30th Jan 2025.

Amar Deep Kaushik