



PLATIT a.s. designs, develops, manufactures and programs high-tech PVD standard coating units, being part of the family-owned independent Swiss technology company PLATIT AG. With about 150 employees, service, support and sales offices in Europe, North America and Asia as well as a broad network of distributors worldwide, PLATIT has installed over 550 coating systems and maintains close partnerships with its customers.

For our team in **Šumperk, Czech Republic**, we are looking for a

Senior Electrical Engineer 100%

Job Summary

We are seeking a highly skilled and experienced **Senior Electrical Engineer** to lead and support the design, development, and implementation of electrical systems for PVD equipment. The role requires both hands-on engineering and technical leadership to ensure that products meet performance, safety, and compliance requirements.

Key Responsibilities

- Lead the **design and development** of **electrical systems**, including power distribution, control circuits, and PLC-based systems (Beckhoff).
- Create and review **electrical schematics, wiring diagrams**, and BOMs using EPLAN, Vault.
- Oversee **hardware selection** (sensors, actuators, drives, PLCs) and ensure compliance with industry standards (e.g., CE, IEC, UL).
- Coordinate with mechanical, software, and production teams to ensure **seamless system integration**.
- Lead **root-cause analysis** and troubleshooting for electrical issues during prototyping, testing and for machines in the field.
- Provide **risk assessment** for the electrical design to ensure compliance with applicable norms
- Collaborate with purchasing and suppliers for component specifications and cost optimization.
- Manage and mentor junior engineers and technicians.

- Drive continuous improvement and implement best practices in electrical design and documentation.
- Prepare and maintain **project documentation**, test plans, and reports.

Qualifications

- Master's degree in electrical engineering
- Education in electrical engineering – Government Regulation no. 194/2022 §7
- Minimum **7–10 years** of relevant experience in industrial or machinery environments.

What we offer:

- Working in stable and promising company
- Access to unique technologies
- Stimulating work in a dynamically developing company
- Bonus directly dependent on performance and capability
- Share in profit
- 5 weeks of holiday
- Pension contribution
- Contribution towards sport and culture activities
- Possibility of further education
- Company catering

If you are interested in this position, please send your complete CV via email with the reference "Senior Electrical Engineer" in the subject line to: h.karnikova@platit.com