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Subject: Senior Electrical Engineer

Dear Sir/Madam,

I have dedicated over 15 years to the field of electrical engineering. My career began with hands-on work in the assembly of control and power supply cabinets, as well as electrical installations on machines. Shortly after, I started creating my first PLC programs and electrical designs.

During this formative period, I had the invaluable opportunity of building complete machines independently, from the initial electrical design, electrical assembly to the PLC programming and start-up.

After earning my engineering degree in 2012, I took on the role of head of the electrical engineering department of the company. Where I managed the electrical designers, PLC programmers and electricians. From 2014 onward, I took on the critical responsibility of signing off on the company's Risk Assessment for machinery, a document required for compliance with Brazilian safety labour law (ART - Technical Responsibility Note, Normative: NR12), where I hold both technical and legal accountability. In 2020, I embarked on an exciting opportunity to work in Germany for a start-up company in the aerospace industry. There, I was responsible for ensuring the electrical safety of machines and equipment within the production organization (vEFK). Additionally, I played a key role as a sponsor for the systems testing team, where I was involved in prototyping, developing electrical designs, and providing essential technical support for machinery.

In support of my application, I have attached a copy of my CV. It shows that I will bring important skills to the position, including:

- Experience with electrical Design.
- Knowledge of electrical and safety standards (ISO13849-1, ISO60204-1, ISO12100, Machinery Directive, etc..).
- Experience developing Risk Assessments (PL Determination, Category assessment, Risk Analysis HRN method).
- Experience developing documentation (technical file) and calculations: PL calculation (SISTEMA), Heating Calculation (Rittal), Manuals, etc.
- Knowledge of technical specifications and good practices for machinery.
- PLC and HMI logical language knowledge.
- Pneumatic schematics knowledge.
- Troubleshooting on machinery.
- Committed, reliable, and tenacious.

I would greatly appreciate the opportunity to discuss further and explore how my skills can contribute to your team. Thank you very much for considering my application and for taking your time to analyse this Cover Letter and CV.

Yours sincerely
Matheus N. Hageman