

5th October 2023



JOB VACANCY: ELECTRICAL DESIGN ENGINEER

Celebrating 36 years in the industry, Cova Security Gates is a leading designer and manufacturer of high-quality perimeter security products. Designed to be functional and reliable, we pride ourselves on delivering perimeter security products that protect people and places.

From our Gatwick-based factory, we deliver a full turnkey solution from design, and manufacture to installation of our products, all around the world.

We are looking for an electrical design engineer to join our design team in delivering innovative solutions as new threats emerge. As a member of our design team, you will work with our clients to determine their requirements. You will produce bespoke electrical drawings in accordance with the latest legislation using the latest electrical control technologies available. You will write PLC programs and oversee factory testing of the overall product.

We will of course offer product familiarisation and training. After time you'll support other members of the Design team, and our field service engineers out on the road.

You'll actively be involved in our research and development for new innovative products we are looking to bring to market in 2024. From time to time, you will attend trade shows and seminars to learn about developments in the industry.

Key responsibilities:

- Liaising with clients by email, phone, and when necessary, attending meetings either remotely or in person on site.
- Project managing the design, manufacture, programming, and testing of electrical control systems.
- Fault finding and prevention.
- Keep up to date with relevant design standards and legislation.
- Design of control systems.
- Research, development, and Implementation of new technologies.

To meet the requirements, you must have:

- Minimum 4-5 years of Electrical Design experience or University Graduate would be considered.
- Minimum Degree in Electrical Engineering.
- Knowledge of using AutoCAD Electrical.
- Knowledge in PLC Programming (LD Programming Language).
- Project Management skills.
- Full UK Driving License.

Experience preferred:

- HMI & MODBUS Protocol.
- UPS System knowledge.
- Variable Frequency Drive knowledge.
- Hydraulics.

Cova Security Gates Ltd, Unit C1 Sussex Manor Business Park, Crawley, West Sussex, RH10 9NH

t +44 (0) 1293 553 888

e recruitment@covasecuritygates.com

w covasecuritygates.com

Company No: 02108888

VAT No: 443150875

Registered Address: As Above

