



Controls/Automation Engineer

Crowley Carbon is an energy efficiency company that runs engineering projects for our manufacturing plant and commercial building customers, saving them money on their energy bills and reducing their carbon footprint in the process.

Underpinning all of our project work is our IoT platform called C3 (C Cubed = Carbon Control Centre), that monitors the efficiency of our customer sites, confirms savings are still in place, and helps identify further savings.

Crowley Carbon are looking for a number of keen engineers to grow the C3 deployment team as our customer base worldwide continues to grow.

The Role

- Initial site audits - site audits for control and automation system design will require a knowledge of new and existing PLCs, HMIs and associated IO to be installed onsite to cover the requirements of the project.
- Control system hardware design and pricing - design will comprise of hardware selection including based on the control and IO requirements to complete the project, this includes panel design for housing all associated equipment.
- Design and program PLC control systems - design, programming, commissioning, onsite testing and handover of projects from concept through to delivery.
- Design, test and implement HMI and SCADA systems.
- Develop, debug and validate Control System software programs - plus existing controls written by others will sometimes require debugging, fault finding & modification
- Direct dealings with Project Manager &/or customer - good communication skills both spoken and soft skills to ensure smooth delivery of install with and scheduling of works.
- Onsite commissioning and testing - all control solutions will require controls engineer to travel to site after equipment install to commissioning and thoroughly test controls strategies and associated hardware.
- Documentation - all documentation must be gathered and stored appropriately throughout project as it is required for handover during the handover stage. This includes: initial site reports, control design and costings, logic drawings, quotes, RAMS, commissioning docs, handover docs, technical datasheets, H&S forms etc.
- Communication skills - clear communications with team lead, project managers, account managers, customers, suppliers, contractors, C3 Dev team, C3 support team etc.

Skills & Experience Required

- Candidates are required to have experience with the following in order of importance: Siemens (S5, S7), Allen Bradley (SLC, Compact, MicroLogix), Mitsubishi and Rockwell.
- Candidates are required to have work experience in controls & automation engineering.
- Candidates are required to have a good documentation & reporting skills including Google Docs.
- Candidates are required to hold an engineering degree at or above NFQ Level 8.
- Candidates are required to have a minimum of 2 years experience in a similar role.
- Candidates are required to have excellent communication skills.

Location

We are based in [Powercourt House](#) near Enniskerry, in north Co. Wicklow. Our customer sites are spread throughout Ireland, the UK, Europe, the Middle East and North and South America. You'll need to be keen to do lots of travelling. And yes, we have quite possibly the coolest office space in the world. Check it out:



Cool Planet Experience

Opening in early 2018, the Cool Planet Experience will introduce Ireland's first interactive climate change experience! The foundation's work is supported by the staff and the profits of Crowley Carbon, and many other enthusiastic corporate sponsors. Find out more [here](#).

As well as working on your core role at the company, you will have a chance to contribute to this and other social and environmental responsibility projects happening at Crowley Carbon from time to time.

To apply for this role please send your cv to careers@crowleycarbon.com