



CROWLEY
CARBON

Powerscourt House, Enniskerry, Co Wicklow
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www.crowleycarbon.com

Position: Controls Specialist

General Description:

Emrill Energy Services,

Our team is comprised of leading advisors who plan, design, manage and deliver energy efficient solutions and sustainable projects and programmes. Emrill's building services team provides the full range of energy services and solutions including mechanical (HVAC) and electrical design. Due to the team's continued success and a growing pipeline of work, we are seeking a Controls Specialist to join this dynamic, client focussed and dedicated team. Reporting to the Business Unit Manager, this position is full-time and based in our Dubai office. Applicants must have experience in the building services sector.

Requirements:

The successful candidate will have knowledge and working experience of Siemens, Tridium, Honeywell, Trend, Building Management Systems (BMS).

Candidate Specification:

Approximately 3 - 5 years experience working as a Mechanical Engineer or Design Drafter
Degree in Mechanical engineering or an equivalent qualification
Strong understanding of BMS (Building Management System) controls theory
Strong understanding of HVAC and associated plant
Ability to design Mechanical HVAC systems / redesign retrofit requirements based on modified Energy requirements
Solid understanding of design principles for mechanical building services
A strong history of working with BMS (Building Management System) and ability to diagnose faults readily.
Good knowledge of Building Management Systems (above)
Service small projects experience
Must be prepared to travel regularly to client sites



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Familiarity with AutoCAD
Good report writing skills
Project management skills
Skills

All Energy Optimisation projects involve many different elements, and the coordination of many different designers and contractors for completion. This position will liaise with the Solutions Design Team / Account Manager / Project Manager and will display an ability for ownership of tasks and for exploring opportunities to add value to job accomplishments.

Multiple departments may carry the responsibilities of different assignments, The various departments to be considered include Solution Design Engineering, Specialized Lighting Design, Programming and Software Development (which can include several specialised IT components such as the implementation of an Energy Management System, and / or Automated Continuous Commissioning), along with other specialisations tailored to each project.

This role will involve direct communication with Account manager and in turn Customers in the Industrial sectors and will primarily involve project management of Energy Optimisation Projects. Direct liaison with the Account Manager and Customer continues throughout the duration of the project, from the initial concept design for energy optimisation through to completion on site, and often includes communication thereafter in the case of a maintenance contract for some of the specialised inputs to a site.

The Controls specialists should also hold detailed local knowledge of all Planning and Building Regulations, and in particular, all requirements relating to Fire Certification. This is essential to ensure the integrity of an existing building or plant is not at risk while Energy Optimisation works are carried out on a site.



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Additional skills required:

Project Management,

Process Improvement,

Energy Auditing,

Planning,

Knowledge of Health & Safety Regulations,

Knowledge of Planning and Building Regulations,

Performance Management,

Tracking Budget Expenses,

Report Generation.

Knowledge of Word, Excel and Powerpoint essential.