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POWER & GRID



An expert in energy and information technology, VINCI Energies (65,400 employees and revenues of 10.2 billion Euros) designs, carries out and maintains solutions for industry, services and local authorities.

Omexom in the UK & RoI delivers on the promise of the energy transition. From the design stage to maintenance, Omexom covers the full range of electricity infrastructure needs in Generation, Transmission, and Distribution as well as Substations. Omexom is totally independent when it comes to promoting technological options. With its expertise and in-depth knowledge of client processes, Omexom always chooses the best solutions to meet client expectations. Omexom is a VINCI Energies brand.

P339 - Graduate Commissioning Engineer - Substations - Perth

ROLE

Working from our Perth office, within the Substation Business Unit, the overall purpose of the role is to assist in the commissioning of Substations, and after gaining experience and completing a structured training programme, advancing to a Commissioning Engineer role.

The post holder will work closely with commissioning engineers, project managers, designers, commercial staff and operational staff to gain an understanding of the Substation industry and associated construction projects.

The successful candidate will be closely mentored by the Technical Manager to equip them with the required skills to progress to a commissioning role.

During this training period the candidate will gain experience in commissioning as well as project management, technical expertise, people management, financial management, procurement management; health, safety, environmental and quality management; business development, and commercial and contract awareness.

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Graduate Commissioning Engineer - Substations (cont'd)

ROLE (cont'd)

Duties will include but are not limited to:

- Assist with the completion of comprehensive design reviews before commissioning starts, identifying undesirable features and liaising with protection design team to find solutions.
- Assist with calculations of protection element settings and ensure the integrity of the overall protection schemes.
- Review and check final construction inspections followed by carrying out pre-commissioning testing activities on plant items. These may include wiring point-to-point tests, insulation resistance measurements, filling SF6 chambers with gas to the correct pressures, alignment and operation tests on disconnectors, earth switches.
- Carry out commissioning activities on plant items in line with manufacturers recommendations and Omexom commissioning procedures. This will include timing checks, characteristic checks, phase, rotation, polarity, resistance, and many more.
- Assist with injection tests in line with relay manufacturer's recommendations. Prove operation of all protection elements correct at setting.
- Provide formal technical sign-off on the project with the client-side representative before making live and putting to work.
- Produce method statements, test procedures and other detailed documentation required during commissioning. Hold commissioning site meetings and commissioning progress reviews and deliver on-site operational training for client staff.

ESSENTIAL

It is essential that the successful candidate is an excellent communicator with all stakeholders (internal and external), a technically-focused self-starter with the enthusiasm, motivation and initiative to succeed in this role. The jobholder must possess:

- 3rd level education in a relevant technical / engineering related discipline
- Ability to communicate accurate and technically sound information to all management levels
- Practical experience of using computers and complex software packages
- Commitment to displaying the highest safety and quality related standards
- Ability to plan commissioning works in a logical and efficient manner and manage/motivate those who contribute to the commissioning phase
- Meet program targets in a commercial environment. Able to work to tight program deadlines. Demonstrate previous experience of working under pressure.
- Full driving licence and access to a form of transport to travel within UK and Ireland
- Excellent communication and negotiation skills combined with the analytical and problem solving skills to reach realistic workable solutions within tight deadlines.
- Ability to use initiative to develop new approaches and improve systems.
- Good decision making and problem solving skills and the ability to work on own initiative with minimum supervision.

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Graduate Commissioning Engineer - Substations (cont'd)

GENERAL

This role will be predominantly based in Perth. However, the successful candidate must be flexible and willing to frequently travel to site and attend project progress meetings throughout Ireland and Great Britain.

Interested candidates should forward a CV to recruit@omexom.co.uk clearly indicating the role and reference number they are applying for. Candidates must demonstrate how they meet the above criteria in their CV, as this information will be used for short-listing purposes.

Omexom is an Equal Opportunities Employer

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