

ROLE PROFILE SUMMARY

Role:	Electrical Commissioning Technician/Engineer
Reporting to:	Technical Manager Hardware
Reports within region:	Connected Energy Technical Centre, Unit 12 Hethel Engineering Centre, Chapman Way, Hethel, Norfolk NR14 8FB

Purpose of Role:	Work as part of a world leading multidisciplinary product development team in a rapidly growing business, to undertake testing and commissioning relating to Connected Energy E-STOR products
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ACCOUNTABILITIES

Listed:

1. Planning, undertaking and delivering test procedures of Energy Storage Systems and/or their major assemblies, such as: Factory Acceptance Tests (FAT), Design Validation Process (DVP) and Site Acceptance Testing (SAT)
2. Producing test reports and documentation that support product testing, installation, commissioning and certification within CE
3. Carry out commissioning of CE products and support client witness test, performance test and installation test
4. Liaising with customer, inspection agencies and nominated third party contract services
5. Provide customer training and familiarisation days regarding dissemination of operating instructions, explanation of functionality and system capability
6. Support customers and maintenance team providing expert advice to carry out both preventive and reactive maintenance

Role

As an Electrical Commissioning Technician, you will be responsible for coordinating, delivering and documenting test related tasks, to ensure that the Energy Storage products meet the expected performance standards of Connected Energy.

Your work will focus on:

- System performance and system validation
- Functionality verification
- Documenting and collating results in line with specification
- Customer compliance testing
- Problem resolution and liaison with CE engineering team regarding issues
- Dissemination of appropriate system operating instructions and methods, relevant to CE clients

Responsibilities

While the work will vary according to the project, you'll typically need to:

- Understand product/project functionality and test requirements
- Coordinate with the system contract assembler, any customer witness representatives and other CE departments involved in the project, especially the technical team
- Produce product documentation for internal and external use, as well as technical reports.
- Liaise with third parties including TSo, DNo, customer representatives etc regarding installation and commissioning
- Produce customer familiarisation documentation

Specific Skills Requirements:

You'll need to demonstrate:

- You have a working knowledge of LV/MV system/installation/machine design, with hands on experience during your career
- The ability to interpret the E-STOR products design and functionality, as well as competently interact with Contract Assemblers, Client representatives and the CE Technical team
- A background of commissioning Electrical Machines, Power Generation Systems or similar
- Ability to read design specifications, technical and electrical drawings
- Technical knowledge of: Transformers, Protection Selection, Earthing arrangements, Fault Current Calculations, EMC considerations, cable selection and routing
- You can produce high quality professional engineering documentation to support test, validation and certification
- Exceptional verbal and written interaction with customers, CE supply chain and technical staff.
- You are self-motivated, able to work in a competent and structured manner with minimum supervision
- An analytical and problem-solving approach to work
- An ability to multitask

Complementary skills:

- A knowledge and experience in drawing up electrical schematics, layouts and single line diagrams using appropriate CAD packages (AutoCAD Electrical or similar)

Potential complimentary career backgrounds:

- Electrical services industry including maintenance, design and commissioning
- Electrical engineering in either commercial or domestic building sector
- Electrical Machine manufacturer in the field of test, validation and commissioning
- Renewable energy installation, integration, planning, testing and commissioning
- Electrical Commissioning and Service engineer

SKILLS, EXPERIENCE AND QUALIFICATIONS REQUIRED FOR JOB ROLE

	Essential	Desirable
Skills <i>e.g.</i> Computer literacy Project Management Interpersonal	IT Literate <ul style="list-style-type: none"> ▪ Numerate ▪ The ability to make decisions ▪ Self-starter and driven ▪ Ability to work independently ▪ Exceptional verbal and written communication skills ▪ Report and document writing and presentation 	
Job Related Experience <i>e.g.</i> Number of years' experience required to do the role. Does the experience need to be industry specific	<ul style="list-style-type: none"> ▪ 3+ years working within a relevant electrical industry • Industry experience in an industrial design/fabrication/engineering environment • Experience in Fault-finding on electrical assemblies ▪ Experience in commissioning electrical systems 	<ul style="list-style-type: none"> • Renewable energy experience • Knowledge on relevant BS, EN and/or UL standards • The ability to use electrical draughting tools such as AutoCAD or similar
Industry Qualifications <i>e.g.</i> Professional Vocational, i.e. City and Guilds Educational (where appropriate)	<ul style="list-style-type: none"> ▪ HND/HNC in associated engineering discipline And / Or <ul style="list-style-type: none"> ▪ Relevant BTEC qualification ▪ IET Wiring Regulations 18th Edition (or knowledge of) 	<ul style="list-style-type: none"> • HV and LV knowledge

Additional Information

Immediate eligibility to work on the UK/EU

Driving License

Yes

Mobility

Needs to be able to travel in line with role requirements and spend nights away from home when required. Internationally but mostly Europe. 20% travel max.

Please send your CV and Covering letter to the email address below stating which Vacancy you are applying for.

FAO: Rachel Sarginson

Rachel.Sarginson@c-e-int.com

Unfortunately, due to the volume of applications we receive, we are not always able to contact everyone, however if you are invited for an interview, you will be contacted directly by the manager for the position.