

Job Title:	Electrical / Controls Design Engineer
Hours of work:	35 hours per week (this is a full-time post)
Contract:	Fixed Term Contract (until 30.9.2022)
Salary:	Competitive
Location:	Located in Swansea or Gloucester (with possible UK -wide Travel)

About the project:	<p>The Active Building Centre is an ambitious, high profile, project of national importance.</p> <p>Active Building Centre Ltd, a Government-backed Research and Technology Organisation (RTO), are collaborating with industrial and academic partners to mobilise and deliver applied research, product development, commercial engagement and the realisation of a comprehensive demonstrator portfolio.</p> <p>Our goal is to revolutionise construction through the deployment of active buildings – transforming the energy and construction industry through new innovative building design.</p> <p>Growing from the success of existing Active Buildings we are developing an ambitious portfolio of advanced multi sector demonstrators which are sustainable, perform better, are more comfortable and will significantly contribute to decarbonisation.</p> <p>As part of a highly skilled team looking to transform the energy and construction industry and drive policy change, you will be open to new ideas, bring fresh thinking, and be ready to play your part in delivering the case for Active Buildings.</p>
About the role:	<p>Active Building Centre Ltd. is looking for an experienced, Electrical / Controls Design Engineer to join the Engineering team.</p> <p>You will need to have a background in electrical low voltage and high voltage wiring design and details. An added advantage would be exposure to control and Instrumentation design engineering or support.</p>
Key Responsibilities:	<ul style="list-style-type: none"> - Design and detailing of electrical wiring systems for various applications - Develop detailed electrical wiring diagrams and layouts - Control panel design

	<ul style="list-style-type: none"> - Exposure to Designing control systems - Identification and selection of C&I equipment for compliance with project documentation / requirements. - Testing, maintaining and modifying existing systems. - Design in accordance with the engineering good practice, state-of-the-art and the international rules and standards as well as the project specific requirements. - Any other duties as Directed by the Chief Technology Officer of Active Building Centre Ltd. (or their nominated representative).
<p>Person specification:</p>	<p><u>Essential criteria:</u></p> <p>Experience: A minimum of 5 years' experience as an Electrical / Controls Design Engineer</p> <p>Knowledge and Skills:</p> <ul style="list-style-type: none"> - Robust understanding of electrical engineering principles - Experience of designing new electrical systems - Exposure to designing or technically supporting C&I systems including knowledge of hardware-based control logic and/or software-based control;