

TITLE	Electrical Design Engineer
REPORTING TO	Control & Instrumentation Manager
WHERE & WHEN	Wallyford Monday - Friday 37 hours
ABOUT US	
<p>Here at LOGAN ENERGY, we are INNOVATIVE, ENGAGING, and FAST-PACED, and our goal is to deliver the future today. If you're INQUISITIVE, CREATIVE, and enjoy working collaboratively with like-minded people, this is the place for you.</p> <p>Logan Energy has extensive experience and a proven track record in delivering projects and solutions in the hydrogen and clean energy sectors. We specialise in integrated engineering solutions incorporating hydrogen technologies including, production, refuelling, storage, distribution, and fuel cells. We offer a full turnkey service from project inception and feasibility, design development, manufacture, installation, operation, and maintenance.</p> <p>We have over twenty-six years of expertise in hydrogen and fuel cell technologies and to date we have built and installed hydrogen production & refuelling stations for the UK and European markets and have also installed, commissioned and maintained over 1MWe of fuel cells providing heat, power and cooling in landmark buildings in the UK.</p>	
PURPOSE OF ROLE	
To design electrical systems for use cases of Hydrogen ranging from Refuelling stations to Fuel cell systems.	
DUTIES	
<ul style="list-style-type: none"> • Design of electrical panels for various hydrogen systems • Generating electrical designs that are compliant with BS7671 and ATEX regulations • Working with other Engineering disciplines to provide an integrated solution • Preparation of Bills of Material and specifying components that comply with specification • Preparation of Technical file documentation and assisting with the O&M Manuals • Ensure that the H&S, quality, and environmental procedures are followed • Maintain the projects ATEX documentation i.e. Atex registers etc • Supporting the customer services team 	

MAIN DELIVERABLES IN ROLE

- Whole Electrical design projects, with associated documentation and drawings
- Cost and schedule compliant designs

PERSON SPECIFICATION

Experience

- Basic to intermediate proficiency of EPLAN
- Awareness and designing to comply with various earthing philosophies
- Design of control panels based on Siemens controllers and power distribution
- Basic knowledge of ATEX Directive and Standards

Skills

- Strong Team working skills
- Hands-on designer
- Project Management skills
- Excellent Attention to Detail
- Excellent Time Management skills
- Logical thinker with pro-active mindset
- Great initiative
- Strong Communication at all levels both verbal and written

Education

- Electrical engineering degree

Desirable

- Master's degree in a relevant Electrical engineering discipline
 - Electrical engineering experience: building and civil
 - Understanding of HV distribution