

Role Profile



TITLE	Electrical Design Engineer
REPORTING TO	Control & Instrumentation Manager
WHERE & WHEN	Wallyford Monday - Friday 37 hours
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	
<ul style="list-style-type: none"> • Whole Electrical design projects, with associated documentation and drawings • Cost and schedule compliant designs 	
PERSON SPECIFICATION	
<p>Experience</p> <ul style="list-style-type: none"> • 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