

## JOB DESCRIPTION

<b>Job Role</b>	Fuel Cell Systems Engineer (all grades)
<b>Location</b>	Role based in Lutterworth (consider Northampton, South Wales or Germany)
<b>Reports to</b>	Principal Systems Engineer
<b>The Company</b>	
<p>Hypermotive are a well-respected and dynamic engineering and manufacturing business, focussed on the e-mobility transport. Hypermotive specialise in the design and tier 1 manufacture of high and low voltage power distribution systems and wiring harnesses for sectors including automotive, motorsport, commercial vehicle, rail, marine and aerospace. We are also recognised as one of Europe's most experienced hydrogen fuel cell system integrators.</p> <p>Joining Hypermotive would make you a key part of a highly experienced, engaged and dedicated team - delivering a wide range of projects at the cutting edge of e-mobility and zero-emissions technology.</p>	
<b>The Role</b>	
<p>A key member of the Hypermotive Fuel Cell Engineering team, the Fuel Cell Systems Engineer will be responsible for the derivation of requirements for fuel cell development and integration projects across a range of vehicles and applications.</p> <p>You will be responsible for working with our supply chain of global fuel cell manufacturers to select the right technologies for the application, and lead the mechanical, electrical and controls integration of the fuel cell and associated systems. You should have good knowledge of hydrogen PEM and/or other fuel cell technologies and the applicable standards and regulations for deployment.</p> <p>You will work on highly varied projects, across a wide range of vehicles (automotive, aerospace, motorsport, commercial vehicle, off-highway, rail etc.), focusing on the development and integration of fuel cells. Your input will directly contribute not only to the successful delivery of the project but also support the success and growth of the business.</p> <p>Within this role you will provide Systems Engineering support across the entire engineering V-cycle. Your responsibilities will include:</p> <ul style="list-style-type: none"> <li>• Engaging with customers and other key stakeholders to support the generation of fuel cell project requirements,</li> <li>• Support the development of fuel cell simulation models including chemical, electrical and control systems,</li> <li>• Support the development of fuel cell control systems using model-based code and/or embedded C/C++ software development environments,</li> <li>• Support the verification and validation of fuel cell systems,</li> <li>• Support fuel cell system integration, commissioning and testing,</li> <li>• Provide customer technical support,</li> <li>• Provide project/product life cycle management.</li> </ul> <p>You will work closely with the other functions within the engineering team to ensure right first time, on-time delivery of the project within budget. You will support design review, team, supplier</p>	

and customer meetings as required and seek to resolve any issue assigned to you in a timely manner.

Alongside this, you will support the development and roll-out of Hypermotive's quality processes and supporting tools associated with your work and build Hypermotive's engineering capability to support business growth.

**Education and Skills Requirements**

Educated to degree level in engineering or other relevant discipline,  
2-5+ years' experience in relevant role and industry (dependent on grade).

**Skills & Experience Required:**

- Fuel cell engineering experience in automotive / motorsport / transport industry,
- Knowledge of, and experience of working to, automotive, aerospace, rail or similar engineering standards and processes,
- Appreciation of ISO 26262, UN ECE Regulation 10, UN ECE Regulation 100 and relevant fuel cell and hydrogen standards,
- Experience of working in a customer-facing environment,
- Experience in working on the delivery of time-pressured projects.

**Personal attributes:**

- Flexible attitude
- Team player
- Self-motivated
- Proactive approach to work
- Able to multi-task across several projects at one time

**Hypermotive can offer:**

- Interesting, varied and challenging work
- Good rates of pay and generous holidays
- Wide range of projects across multiple sectors
- Highly flexible working arrangements
- Pension, healthcare scheme and other benefits