



Position **Applications Engineer**

Location Buckingham, UK

About us Delphi Technologies is a global provider of vehicle propulsion technologies and systems. Our mission is to make vehicles with cleaner emissions and better performance that drive further on any source of power. We offer pioneering propulsion solutions for conventional, hybrid, electric light and commercial vehicles and aim to be the partner of choice for all our stakeholders. Delphi Technologies also provides leading aftermarket service solutions for the replacement market. Headquartered in London, UK and listed on the NYSE, we operate technical centres, manufacturing sites and customer support services in 24 countries and employ more than 20,000 people around the world.

Owned by Delphi Technologies, Hartridge is a cutting edge, engineering driven business focusing on high performance, automotive diagnostic solutions within the aftermarket segment. Products cover GDI, DPF, Diesel, Hybrid and Electric applications and use the latest in connected technology to ensure market leading user experience. All products are controlled by bespoke design software applications providing direct contact between Hartridge and the machines in the field. Work in this area is critical to the future roadmap for the business as it continues to evolve and find new opportunities in the dynamic and exciting automotive industry.

Business units

Powertrain Systems – Fuel Injection Systems

Our gasoline and diesel fuel injection systems and powertrain products deliver greater efficiency for traditional and hybrid light and commercial vehicles.

Powertrain Systems – Powertrain Products

We offer high quality Powertrain Products to help optimize performance, emissions and fuel economy.

Powertrain Systems – Electronics & Electrification

Our internal combustion engine control modules and power electronics provide better efficiency, reduced weight and lower cost for our OEM customers while also making these and other components easier to integrate for all levels of electrification.

Aftermarket

With a presence in more than 150 countries, and a global network of service centres, Delphi Technologies aftermarket provides OE specification end-to-end solutions for passenger cars and commercial vehicles to garages and technicians worldwide.

The position Reporting to the Applications Engineering Manager, the **Applications Engineer** is a critical role within the Hartridge operation. The Applications Engineer will be responsible for supporting the development of conceptual fuel injection test solutions for the Hartridge core product range and

OE partner approved solutions from concept through to completion.

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| - Key responsibilities | <ul style="list-style-type: none">• Developing new product specifications (internal and external)• Designing and executing experiments to prove new machine / control concepts.• Provide lead engineer on R&D projects ensuring the product specification is being met.• Writing project technical documentation (eg. Specifications, timing plans, acceptance test procedures, user manuals, applications guides) |
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What we are looking for

Experience

- Ability to write, update and develop technical specifications.
- Ability to reach technical drawings and an understanding of mechanical design principles
- Advanced user with oscilloscope/s to analyse electrical drive and sensor feedback
- Experience with R&R testing techniques
- Ability to effectively communicate technical application requirements to other engineering functions.
- Basic CAD experience i.e. opening drawings, opening assemblies (ideally Solidworks)
- Knowledge of Diesel Common Rail and Gasoline Direct fuel injection systems and their working principles on engine
- 3 years + experience within an R&D proof of concept environment
- Previous knowledge & experience with hydraulic and electrical control systems, ideally pressure / flow control and quantity measurement
- Proficient with Microsoft Word, Excel. Specifically Excel skills to manipulate technical data.
- Microsoft Project knowledge

Non-Essential but Desirable Requirements:

- Experience with hydraulics, pneumatics, mechanical assemblies and electrical layouts.
- Design for manufacture, service and test.
- Vehicle control systems.

Expected skills & competencies

- Degree qualified (or equivalent)
- Understanding of Diesel Fuel Injection systems and internal combustion engines an advantage
- Be a team player, comfortable working in a small team and building strong professional relationships.
- Have the ability to organise and take responsibility for their own work.
- Have a proactive approach to work and be good at problem solving and suggesting new ideas.
- Have the ability to communicate effectively at all levels both internally and with customers.
- Be flexible and keen to assist in a variety of ways on a variety of projects.
- Be confident and have a "Can Do" attitude.

- A multi-tasker and a finisher
- Must be willing to "think outside the box" and willing to take calculated risks

Our values

Transparency, Inclusion, Excellence and Respect (T.I.E.R Values) are the foundation of everything we do at Delphi Technologies.



TRANSPARENCY

We say it how it is. You can rely on us

We are straight talking and take a no nonsense approach

High challenge and high trust and no surprises – we tell the whole story, not just part of it

Integrity is the license to operate



INCLUSION

We all have a voice

It's important to openly express our thoughts and feelings

We listen and respect what others are saying too

Our ways of working allow us to bring our whole self to work

We appreciate all of our stakeholders



EXCELLENCE

Our customers come to us, because we exceed their expectations

Our ability to listen and adapt sets us apart

We are ambitious, determined and driven by a growth, agile and innovative mind-set, striving for progress every day



RESPECT

People come first

Safety is our overriding priority

This is our company and we are all accountable for its success

Recognition of our people is second nature to our leaders

Personal boundaries matter and we take care of each other

We collaborate with positive intent and have fun succeeding together

Join the company that is helping make vehicles drive cleaner, better and further.

If you would like to apply or find out more, please email lincoln@hartridge.com. For applications please attach your CV and include a sentence such as "I hereby consent to the processing of my personal information in accordance with Delphi Technologies' privacy policy (www.delphi.com/privacy-policy) and applicable regulations for the purpose of managing my application."

For more information about Delphi Technologies, please visit www.delphi.com.

For more information about Delphi Technologies Aftermarket, please visit: www.delphiaftermarket.com.

For more information about Hartridge Ltd, please visit: www.hartridge.com

Delphi Technologies is an equal employment opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, sex, religion, national origin, gender identity, sexual orientation, disability status, protected veteran status or any other characteristic protected by law. Candidates for positions with Delphi Technologies must be legally authorized to work in the United States on a permanent basis. Verification of employment eligibility will be required at the time of hire. Visa sponsorship is not available for this position.