

Requisition Number:

Job Description.

HORIBA MIRA is a global provider of pioneering engineering, research and test services to the automotive, defence, aerospace and rail sectors. We work in close collaboration with vehicle manufacturers and suppliers around the world, providing comprehensive support ranging from individual product tests to turnkey engineering design, development and build programmes.

With over 70 years' experience in developing some of the world's most iconic vehicles, our engineers utilise the latest test facilities and simulation tools to make vehicles and journeys safer, cleaner, more efficient and rewarding.

Title of Job:	Propulsion Project Engineer		
Department:	0453 – Engine Test and Vehicle Emissions		
Grade:	4N		
Date Required:	ASAP		
Salary Range:	Competitive – suitable to the banding		
Number Required:	1		
Location:	Nuneaton		
Reason for Vacancy:	Current project engineer leaving the business		
Contract Type:	Permanent:	Yes	Contractor:
Responsible To:	Tom Scurlock		
Subordinates:	None		

Main Purpose of Job
To deliver and support the co-ordination of customer projects throughout the powertrain and emissions department.

Key Responsibilities
<ul style="list-style-type: none"> •To liaise with technical authorities regarding any type approval activities happening within the facilities. Supporting the facility to ensure total compliance with the regulations and advise on customer projects •To support internal research projects working closely alongside global Horiba Colleagues. •To support the engineering team in all aspects of Vehicle Emissions test processes, test procedures and operational excellence •Robustly manage any issues and risks using a structured problem and risk resolution process, such as 8D •Provide a Customer Focused operation and provide assurance using customer direct contact, customer feedback and lessons learned activities •Commercial awareness to ensure opportunities are identified and developed with focus on future investment plan requirements •Good communication skills to liaise with customers, suppliers, technician and engineering teams •High level of organisation/administrative ability. Proactive with a minimal supervision. •Ability to deliver on several projects at once whilst balancing conflicting priorities and requests.

- Fully understand the requirements of vehicle test programmes and ability to communicate the requirements clearly to the team.

Essential Qualifications	Preferred Qualifications
<ul style="list-style-type: none"> • Degree in Automotive or Mechanical Engineering • Full Driving Licence For Passenger Cars 	<ul style="list-style-type: none"> • Masters in Automotive or Mechanical Engineering

Essential Experience	Preferred Experience
<ul style="list-style-type: none"> • Project delivery experience and good presentation skills • Exhaust emissions testing experience (NEDC/WLTP/FTP/RDE) • Good understanding of emissions measurement procedures • Knowledge and understanding of emissions regulations • Understanding the role of engine management systems • Understanding of diesel, gasoline and alternative engine technologies • Emissions aftertreatment technologies e.g. 3-way catalyst, oxidation catalyst, LNT, SCR, DPF, GPF • Experience of Hybrid and EV technologies and testing requirements 	<ul style="list-style-type: none"> • Experience of type approval and certification processes • Exposure to Horiba test lab equipment • Instrumentation experience • Experience of calibration tools e.g. INCA, DiagRA, ATI. • Knowledge of STARS VETS software

What is the candidate likely to be doing now?

- Similar role at an automotive OEM, Tier 1 supplier

Other information

- Candidates for this role should be prepared to work extended hours and travel overseas on project work.
- Be competent to be able work alongside customer engineers, Type Approval Authorities, HORIBA MIRA engineers or unsupervised to carry out work programmes
- Be competent to organise and or carry out unsupervised - Planned Facility Maintenance, deal with Breakdowns and Repairs
- Have good interpersonal skills and the ability to integrate into a team working environment both locally and internationally
- Work to excellent Health & Safety standards and ensure that company quality standards are adhered to
- Use initiative and employ appropriate innovation to work tasks.
- Have good attention to detail
- Have good problem-solving skills