

Requisition Number:

23185

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.

The combination of our Electromagnetic Compatibility (EMC) engineering experts and our extensive range of state-of-the-art test facilities, means that we are a world-leader in engineering design, test and consultancy. With the rapid growth in automated vehicle systems, complex powertrains and wireless technologies our EMC engineering services provide excellent career opportunities.

Title of Job:	EMC xEV Test Technician / Engineer		
Department:	EMC 0452		
Grade:	3K Technician, 3N Engineer (depending on experience and qualifications)		
Date Required:	Immediately		
Salary Range:	£26 - £35k depending on experience 41.25 hours per week (8.25 hours per day) Shift premiums payable on base salary		
Number Required:	1		
Location:	HORIBA-MIRA Nuneaton		
Reason for Vacancy:	New position/growth		
Contract Type:	Permanent:	Yes	Contractor: No
Responsible To:	Component Delivery Team Leader		
Subordinates:	None		

Main Purpose of Job
<p>As the successful candidate you will be responsible for performing testing on a wide variety of electric vehicles (EVs) vehicles, automotive components and sub systems in accordance with various international standards and vehicle manufacturer (VM) test specifications.</p> <p>Working within the EMC Team you will ensure tests are delivered to schedule and to HORIBA-MIRA quality standards</p>

Key Functions

Key Responsibilities will include, but are not limited to:

- Testing vehicles, automotive / electrical components in Electrical Laboratories
- Detailed reviews of test specifications and test plans
- Executing the tests in accordance with H-M procedures
- Maintain detailed and accurate log-books and test records
- Perform quality checks and analysis on test output
- Customer liaison
- Project manager liaison
- Test equipment set up and strip down
- Support double shift rota – work demand dependant

Essential skills for this role would include:

- Good communication/interpersonal skills
- Computer literate

Essential Qualifications	Preferred Qualifications
<ul style="list-style-type: none"> • 3-5 GCSEs • ONC/D (BTEC Level 3) in Electrical/Electronic Engineering 	<ul style="list-style-type: none"> • Degree in Electrical/Electronic Engineering or related subject (EMC Test Engineer) • HNC/D (BTEC Level 4) in Electrical/Electronic Engineering (EMC Test Technician) • Equivalent time served experience

Essential Experience	Preferred Experience
<ul style="list-style-type: none"> • Electrical Engineering background • Good communication/interpersonal skills • Computer literate • Ability to work with detailed technical documentation • Familiar with use of oscilloscopes and voltmeters 	<ul style="list-style-type: none"> • Electric Vehicle / High Voltage background • 12V/ 24V Automotive electrical background • CAN diagnostic knowledge • EMC/RF knowledge • Shift work

What is the candidate likely to be doing now?

- EMC Test Engineer within a commercial and / or automotive test Laboratory

Other information

- Shift work is a prerequisite
- Full driving licence prerequisite
- Training provided
- Flexible working may be required