

Requisition Number:

23013

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 75 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. Our suite of 37 major test facilities, 100km of specialised proving ground and wealth of engineering experience, combined with our expanding international presence, means we are confident that we can achieve our vision – that by 2025 every journey in the world will be positively influenced by us.

Progress towards achieving our vision has been significantly accelerated through the creation of MIRA Technology Park, Europe's largest transport technology R&D cluster. By applying our advanced engineering, test and validation capabilities to our customers' challenging programmes, we are already shaping journeys of the future.

Title of Job:	Electrical Test Technician/Engineer (on shift)			
Department:	EMC 0452			
Grade:	Technician / 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:	Recent leaver			
Contract Type:	Permanent:	Yes	Contractor:	No
Responsible To:	Team Leader			
Subordinates:	None			

Main Purpose of Job

As the successful candidate you will be responsible for performing electrical testing on a wide variety of military and/or automotive components and sub systems in accordance with various international or military standards and vehicle manufacturer (VM) test specifications.

HORIBA MIRA provide test services to our customers to ensure their automotive components / systems are assessed in both the electrical and the electromagnetic environment in which they operate. Electrical testing includes assessments for the disturbances generated inside the vehicle by, for example, ignition systems, generator and alternator systems, electric motors and actuators. Automotive transients such as power supply disturbances, voltage dips / drops, voltage impulses, voltage ripples, cranking impulses, load dump impulses, reverse polarity, electrostatic discharge etc are all tests which the successful candidate would be trained to perform.

Working within the EMC Component Delivery Team you will ensure tests are delivered to schedule and to HORIBA-MIRA quality standards.

Key Functions

Key Responsibilities will include, but are not limited to:

- Testing automotive electrical components to assess their performance and durability against both international, VM or MIL specific requirements
- Deliver directly to the HORIBA MIRA technical lead responsible for the customer project
- 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
- Operations team liaison
- Test equipment set up and strip down
- Support double or triple shift rotas (pattern rotates each week)

Essential Qualifications	Preferred Qualifications
<ul style="list-style-type: none"> • ONC/D (BTEC Level 3) in Electrical/Electronic Engineering 	<ul style="list-style-type: none"> • HNC/D (BTEC Level 4) in Electrical/Electronic Engineering

Essential Experience	Preferred Experience
<ul style="list-style-type: none"> • Electrical Engineering background in automotive or military sector • Good communication/interpersonal skills • Computer literate • Ability to work with detailed technical documentation • Familiar with test measurement equipment & fault finding • Shift working 	<ul style="list-style-type: none"> • EMC knowledge • High Voltage experience • CAN/LIN diagnostics • Automotive electrical/mechanical background • DEF STAN 61-5

What is the candidate likely to be doing now?

- Finishing apprenticeship in relevant industry
- Working in an electrical workshop / test environment
- Automotive electrician
- Test Technician/Engineer at an EMC Laboratory
- Test Technician/Engineer in MIL sector

Other information

- Shift work is a prerequisite
- Full driving licence prerequisite
- Military clearance may be required
- Training provided
- Local applicants preferred to minimise the impact of commuting whilst working shifts
- Flexible working may be required
- Lone working