

Job Description.

HORIBA MIRA, (hereafter known as 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. 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 2024 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:	Mechanical Technician		
Department	D459 (Quatro Park)		
Grade:	3K		
Date Required:	ASAP		
Salary Range:	Competitive		
Number Required:	One		
Location:	Quatro Park, Basildon		
Contract Type:	Permanent:		Contractor: Yes
Responsible To:	Principal Engineer – D459		
Subordinates:	None		

Main Purpose of Job
<p>Technician in the component test lab at Quatro park</p> <ul style="list-style-type: none"> • Support the engineering team with input to rig design • Test Rig prototype build - Including metal working, pneumatics and fitting • Vibration system set-up and axis / sample changes. • Key enabler of testing throughput in the Component & Environmental Test labs

Key Functions

- Regular technical input into the team regarding customer rig and fixture requirements
- Production of materials and time quotes to support test program fixture requirements
- Work flexibly in a team across various disciplines to ensure rigs and fixtures are delivered on time and within budget.
- Design then build mechanical test rigs from drawing and or physical samples.
- Ensure project /rig build requirements meet MIRA Environmental and H&S standards
- Reporting of H&SE problems within the lab to the Lab Supervisor or Function Manager
- Uphold the MIRA values and apply the dep't and company ethos.
- Apply Continuous Improvement (CI) and 5S processes to strengthen the laboratory technical offering.

Essential Qualifications

- 5 years proven experience/track record in a test or related engineering environment designing & building mechanical rigs / fixtures and general assemblies.

Preferred Qualifications

- Mech Eng BTECH/HNC/ apprenticeship or equivalent or 10 years + proven experience/track record in a test or related engineering environment

Essential Experience

- 5 years experience in a mechanical build environment.

Preferred Experience

- 5 years experience designing and building one-off electro/mechanical assemblies including operation of metalworking equipment (lathe / mill etc).

What is the candidate likely to be doing now?

Working in a test environment producing electro-mechanical rigs and fixtures

Other information