

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. 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 2020 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:	Crash Lab De-Prep Technician		
Department:	D451 - Crash		
Grade:	2R		
Date Required:	Immediate		
Salary Range:	As per MIRA salary scales £21,600 - £30,900		
Number Required:	1		
Location:	MIRA, Nuneaton		
Contract Type:	Permanent:	<input type="checkbox"/>	Contractor: Yes
Responsible To:	Crash Lab Supervisor		
Subordinates:	None		

Main Purpose of Job
<ul style="list-style-type: none"> • Strip vehicles following a crash test • Thoroughly Check Instrumentation Post-test • Prepare Instrumentation for upcoming tests, supply prep technicians with critical equipment • Critical Test Photographic Coverage • Prepare vehicles for crash testing • Fit instrumentation • Run data acquisition system

Key Functions
<ul style="list-style-type: none"> • Check previously crashed instrumentation with DAS check box • Place in "good to go" instrumentation store in liberty (KANBAN) • Send damaged instrumentation for repair • Action Calibration recalls for team

- Prep instrumentation trolleys for next test (once folders/spec/job card is provided by Engineer/admin). Proactively chase this.
- Log missing equipment/transducers in excel Vehicle Prep Checklist
- Track instrumentation quantities based on service level agreement with calibration. look ahead to future tests to raise shortages
- Take all photographic coverage of crash tests (undersides, pre, post, ATD out, undersides)
- Liaise with Test Engineer for prep/de-prep requirements
- Painting and draining of test vehicle
- Weighing and ballasting of test vehicle
- Follow test processes, procedures and QA quality control
- Make best use of time by working around prep activities. Also report timing issues or early finishes following crash t-card timing
- Fabrication skills essential – cutting, grinding, drilling
- Support photographic coverage where necessary (backup option)
- Support crash PPM system, particularly equipment checks
- QA status checks, action cal recall list. Also Crash improvements/modifications etc
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- H&S support by highlighting any issues seen or recommendations for improvements, follow all Risk Assessments, Safe Systems of Work, Procedures, use Personal Protective Equipment etc
- Work to UKAS 17025

Essential Experience	Preferred Experience
<ul style="list-style-type: none"> • Vehicle workshop experience • Automotive experience • Familiar with automotive terms and vehicle components • Instrumentation and data acquisition 	<ul style="list-style-type: none"> • Previous 1-2 years in automotive industry • Vehicle safety or crash test related • Test facility based experience • Automotive electrical systems knowledge • High speed camera experience • FARO CMM experience

Essential Qualifications	Preferred Qualifications
<ul style="list-style-type: none"> • City and guilds or equivalent 	<ul style="list-style-type: none"> • Electrical/Electronic Qualifications • FLT Licence • Crane Licence

What is the candidate likely to be doing now?

- Test facility based role or vehicle workshop role

Skills / Other information

- Excellent English based communication skills
- Excellent timekeeping
- Ability to learn new skills quickly and be receptive to skills being taught

- Think outside the box to contribute to developing unique tests for specialist product tests
- It may be required to work overtime, shift pattern including some occasional weekends
- Capable of working in a dynamic & ever changing environment
- Excellent attention to detail
- Able to multitask & manage multiple tasks at once
- Able to self task & progress work without constant direction
- Able to work individually or as part of a team
- Capable of driving delivery of tests forward, whilst keep quality at the forefront
- Able to liaise with test engineers, good communication

- It may be required to work overtime, shift pattern including some occasional weekends