

## 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 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.

|                         |  |     |                       |
|-------------------------|--|-----|-----------------------|
| <b>Title of Job:</b>    | Homologation/Certification Engineer    |     |                       |
| <b>Department:</b>      | Certification & Homologation (D0403)   |     |                       |
| <b>Grade:</b>           | 3N                                     |     |                       |
| <b>Date Required:</b>   | 01/06/2022                             |     |                       |
| <b>Salary Range:</b>    | £28,000 - £35,000                      |     |                       |
| <b>Number Required:</b> | 1                                      |     |                       |
| <b>Location:</b>        | HORIBA MIRA, Nuneaton                  |     |                       |
| <b>Contract Type:</b>   | <b>Permanent:</b>                      | Yes | <b>Contractor:</b> No |
| <b>Responsible To:</b>  | Certification and Homologation Manager |     |                       |
| <b>Subordinates:</b>    | None                                   |     |                       |

### Main Purpose of Job

- Providing Homologation services to internal and external customers including assisting in the overall Certification Function.

### Key Functions

Assist in projects relating to product homologation in, but not limited to, the following fields:

- Road vehicles
- Construction machinery and other outdoor noise emitting equipment
- Motorway Barriers

Other core activities include:

- Writing proposals
- Test witnessing on site and at third party premises
- Performing various type approval tests and assessments
- Project Management of Homologation/Certification test programmes on and off site

- Preparation of Technical Documentation
- Liaison with Regulatory Authorities, including VCA and RDW
- Assist with product Conformity Assessment for UKCA/CE marking
- Technical reviews and assessments of documentation
- Project administration

| Essential Qualifications  | Preferred Qualifications  |
|---|---|
| <ul style="list-style-type: none"> <li>• Degree (minimum 2:2) in Electrical/Mechanical engineering</li> </ul> | <ul style="list-style-type: none"> <li>• ISO 9000 or equivalent Lead Auditor</li> </ul> |

| Essential Experience   | Preferred Experience   |
|--|--|
| <ul style="list-style-type: none"> <li>• Minimum 2 years experience of working in a homologation department, technical service, test or engineering consultancy environment.</li> <li>• Ability to work autonomously on own initiative and convert knowledge gained in one field to other similar fields.</li> <li>• Practical understanding of Mechanical and/or Electrical engineering principals.</li> <li>• Ability to manage multiple commitments in an effective manner and prioritise where necessary.</li> <li>• Basic understanding of vehicle engineering.</li> <li>• Confident person, able to work well in challenging situations and can adapt to a changing role as the department grows.</li> </ul> | <ul style="list-style-type: none"> <li>• Knowledge of testing and an ability to interpret requirements to the customer.</li> <li>• Knowledge of vehicle Type Approval requirements</li> <li>• Knowledge of and UKCA/CE Marking requirements for Outdoor Noise, Construction products, EMC or RED regulation</li> <li>• requirements</li> </ul> |

#### What is the candidate likely to be doing now?

- Working in a homologation, technical service, test or engineering consultancy environment that provides the opportunity for the candidate to cover the essential experience requirements.

#### Other information

- Core working hours between 8.00am – 4.15pm but flexibility required based on business needs.
- Hybrid working role with a blend of office and home working as required.
- Occasional foreign travel.
- The candidate must display an attitude of flexibility and ability to adapt knowledge gained swiftly to similar disciplines. They must also be able to demonstrate an ability to understand and interpret legislation effectively as this will be a major customer deliverable. They will, on occasions be required to create detailed reports containing test outcomes through to updates on legislative requirements.
- The nature of the department means a great deal of training will be 'on-the-job' so the candidate must have an ability to learn quickly and be self-motivated.
- Fluency in English.