

Requisition Number:

Job Description.

MIRA is a world-class, independent engineering consultancy, operating in multiple locations around the world, to support vehicle manufacturers and their supply chain with cutting-edge engineering and testing expertise .

We offer full-system design, test and integration expertise to automotive, defence, rail and transport industries and also specialise in developing low carbon and autonomous and co-operative driving technologies.

At our headquarters in the Midlands, we have access to one of the most comprehensive vehicle proving grounds which boasts 93km of test tracks and over 35 world-class test facilities and laboratories. Our facilities, combined with the engineering expertise of our 600 strong team makes MIRA Technology Park Europe 's number one location for transport sector R&D.

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|----------------------------|-------------------------------------|---|--------------------|
| Title of Job: | Propulsion Test – Senior Technician | | |
| Department: | Vehicle Emissions 453 | | |
| Grade: | 3K | | |
| Date Required: | ASAP | | |
| Salary Range: | Competitive | | |
| Number Required: | 1 | | |
| Location: | Nuneaton | | |
| Reason for Vacancy: | Sustained increase in workload | | |
| Contract Type: | Permanent: | x | Contractor: |
| Responsible To: | Powertrain Vehicle Emissions Leader | | |
| Subordinates: | None | | |

| Main Purpose of Job |
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| <ul style="list-style-type: none"> To complete testing projects on a range of propulsion systems (ICE, EV, xEV, Bio-Fuels) within our Propulsion Test and Development Centre (PTDC). Support wider Propulsion and Electromobility Group test programmes when required. |

| Key Functions |
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| <ul style="list-style-type: none"> To install propulsion systems onto PTDC dyno's inc. fabrication of mounts, connection of fuel/HV, oil, cooling and air systems. Run test beds using HORIBA STARS control software to customer specific test programmes. Primary test data analysis and reporting to engineering team. To lead test efficiency improvements with a focus on minimising customer costs Liaising with customer engineers to make sure testing requirements are met To run system checks and maintain equipment in optimal state, support diagnosis and rectification of facility issues Maintain inventory to enable maximum utilisation and reuse of available equipment and hardware. Keep historical logs of equipment failures to support future remedial actions. Follow HORIBA-MIRA processes and procedures, follow and support development of risk assessments, keep the working environment clean and tidy following 5S principles. |

| Essential Qualifications | Preferred Qualifications |
|---|--|
| <ul style="list-style-type: none"> Full Driving Licence HNC or equivalent in Engineering Discipline | <ul style="list-style-type: none"> HND/Foundation Degree in Engineering |

| Essential Experience | Preferred Experience |
|---|---|
| <ul style="list-style-type: none"> Completion of test programmes following pre-defined procedures within Engine Testing Environment An understanding of automotive systems and ability to diagnose faults | <ul style="list-style-type: none"> Engine test control software (STARS) Understanding of current generation gasoline , diesel and EV powertrains, and emissions components to be able to troubleshoot, perform assembly, strip and repair activities Test Procedure and Risk Assessments |

| Essential Skills | Preferred Skills |
|---|---|
| <ul style="list-style-type: none"> Excellent communication skills Strong computer skills, in particular MS Office | <ul style="list-style-type: none"> ETAS INCA h/w & s/w |

| What is the candidate likely to be doing now? |
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| <ul style="list-style-type: none"> Engine Laboratory Test Senior Technician Vehicle Technician Race Team Technician |

| Other information |
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| <p>The candidate should:-</p> <ul style="list-style-type: none"> Be prepared to work required shift pattern (moming, afternoon and night) and flexible extended hours when necessary. Support additional Emissions facilities where required as well as the wider business. Be competent to be able work alongside customer engineers, Type Approval Authorities, HORIBA MIRA engineers or unsupervised to carry out work programmes Be competent to carry out unsupervised - Planned Facility Maintenance and Repairs together with maintaining appropriate stock levels of consumables Have good interpersonal skills and the ability to integrate into a team working environment. Work to required Health & Safety standards and ensure that company quality standards are adhered to |