

**JOB DESCRIPTION**

**Research Technician in High Precision Fabrication, Grade 6**

**Vacancy Ref: XXXX**

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| **Job Title:** Research Technician | **Present Grade:** 6P |
| **Department/College:** Engineering  |
| **Directly responsible to:** Prof. Claudio Paoloni |
| **Supervisory responsibility for:** N/A |
| **Other contacts**  |
| **Internal:**Dr Rosa Letizia, Mr Vincent Da Costa, lead research technician of the TWT Fab centre and PDRAs. Other academics, technical and research staff in the Engineering Department as appropriate |
| **External:**  Project partners, equipment manufacturers and suppliers, service engineers and specialist contractors. External users of equipment.  |
| **Major Duties:**Major Duties:* To contribute to the design and fabrication of parts by CNC milling and lathe and their assembly with the required precision and accuracy
* To contribute to testing of mechanical parts
* And / or contribute to assembly of parts by welding including TIG welding, diffusion bonding, brazing and any other mechanical process for advanced manufacturing of parts (training will be provided where necessary).
* Contribute to the assembly of whole mechanical systems
* To maintain the laboratories of the research group in good order and be flexible for changeover between projects.
* Responsible of sourcing and stock control of materials, consumables and equipment.

Health & safety:* To ensure compliance with all relevant health & safety requirements whilst undertaking duties.
* To ensure that allocated areas are kept in good order and that safety devices are in place and operational.
* To ensure that all waste produced is disposed of in accordance with departmental and university procedures.

General duties:* To take responsibility with the raising of purchase orders, ensuring compliance with University financial regulations.
* To work co-operatively with the other members of the technician team in support for all the aspects of the research projects.
* To undertake any other duties as required, commensurate with the grade or below as directed by the research leader Prof. Claudio Paoloni.
* To undertake personal and professional development in accordance with the post requirements.
* To support engagement and dissemination activities.
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