# **Job title:** Instrumentation Engineer

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| Main purpose |
| * Provide instrumentation support/advice to physical modellers and projects;
* Deployment and recovery of instrumentation on projects;
* Undertake internal calibration of instruments;
* Configuration and set up of wavemakers;
* Ongoing development of the Laboratory – control, data acquisition, technology
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| Main duties |
| * Fault finding and problem solving – wavemakers and instrumentation;
* Maintain the asset management system for all instrumentation that the Physical Laboratory current holds;
* Ensure all instrumentation calibration records are maintained;
* Undertake cost estimating for internal projects and development;
* Communication with internal project managers and staff;
* Support to all aspects of the laboratory workload as required;
* Ensure and maintain safe working practises throughout the physical modelling facilities
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| Job specific duties |
| * Deployment of wave probes, cables, pressure transducers, cables and associated logging equipment;
* Ensure that stock of materials/consumables within the electronic laboratory is kept to sufficient quantities;
* Produce documentation – calibrations, recovery of instrumentation;
* Adherence to Health & Safety requirements relevant to laboratory environment and work;
* Organise annual external calibrations by third party.
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| Group | Physical Modelling |
| Reports to | Laboratory Manager |
| Responsible for | N/A |
| Date agreed | April 2024 |