

**PERSON SPECIFICATION**

**RESEARCH ASSOCIATE /SENIOR RESEARCH ASSOCIATE**

| Criteria | Essential/ Desirable | Application Form/ Supporting Statements/ Interview\* |
| --- | --- | --- |
| Experience in performing laboratory experiments and/or associated techniques (examples include, but not limited to extensional rheometry, rotational rheometry, image analysis, high-speed videography) | Essential | Supporting Statements/Interview |
| A PhD in quantitative volcanology, fluid dynamics, or a related discipline | Essential | Application Form |
| Experience of quantitative research such as study design, managing projects, quality assuring and analysing and interpreting data | Essential | Supporting Statements/Interview |
| Excellent communication skills; able to communicate with internal and external researchers at all levels | Essential | Supporting Statements/Interview |
| Publications record appropriate to stage of career including first author research publications in peer-reviewed journals | Essential | Application Form |
| To convey an appropriate rationale and interest in applying for this post  | Essential | Interview |
| Effective interpersonal skills including evidence of working collaboratively within a team and providing appropriate guidance for colleagues | Desirable  | Interview |
| Experience in extensional rheology and associated fragmentation/breakup theory.  | Desirable  | Supporting Statements/Interview |
| Experience in the rheology of complex materials such as bubble and/or particle suspensions. | Desirable  | Supporting Statements/Interview |
| Knowledge of other science areas related to the post (e.g., pyroclasts and magma fragmentation) and how to scale laboratory analogue experiments. | Desirable  | Supporting Statements/Interview |

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* **Application Form** – assessed against the application form, curriculum vitae and letter of support. Applicants will not be asked to make a specific supporting statement. Normally used to evaluate factual evidence eg award of a PhD. Will be “scored” as part of the shortlisting process.
* **Supporting Statements** - applicant are asked to provide a statement to demonstrate how they meet the criteria. The response will be “scored” as part of the shortlisting process.
* **Interview** – assessed during the interview process by either competency based interview questions, tests, presentation etc.