

PERSON SPECIFICATION
Graduate Engineer (Mechanical); ProAMP Project
Vacancy Ref: N1498

Criteria	Essential/ Desirable	* Application Form / Supporting Statements/ Interview
A first degree in Mechanical, Mechatronic or Computer Aided Engineering or a related subject (1 st or 2 nd class) awarded within the past three years.	Essential	Application form
A practical understanding of design techniques.	Essential	Supporting statements/Interview
An ability to design and develop mechanical systems using one or more recognised CAD software tools.	Essential	Supporting statement / interview
An ability to use FEA software tools to simulate mechanical and thermal loads on mechanical systems, and where necessary, use the findings to iteratively improve the original design.	Essential	Supporting statement / interview
An ability to select appropriate sub-systems from suppliers' brochures and web sites.	Essential	Supporting statements / interview
Excellent communication skills.	Essential	Application form /Interview
Ability to work independently to achieve objectives in a timely manner.	Essential	Supporting statements / Interview
Demonstrable experience of working well as part of a team, particularly those involved with achieving technical objectives.	Essential	Supporting statements/Interview
Ability and willingness to learn new skills, both technical and non-technical.	Essential	Supporting statements/Interview
An enthusiastic attitude to problem-solving and project-based work.	Essential	Interview
Accurate record keeping.	Essential	Application form/Interview
Ability to travel to various locations, to visit industrial sites and meet project collaborators.	Desirable	Interview
Be conversant with industry design standards.	Desirable	Application form/Interview
An ability to select, qualify and liaise with suitable pre-fabrication suppliers.	Desirable	Supporting statements/Interview
An ability to assemble and test components and sub-systems.	Desirable	Interview

- **Application Form** – assessed against the application form, curriculum vitae and letter of support. Applicants will not be asked to answer a specific supporting statement. Normally used to evaluate factual evidence eg award of a qualification. Will be “scored” as part of the shortlisting process.
- **Supporting Statements** - applicants 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.