

PERSON SPECIFICATION

Details on the qualifications, experience, skills, knowledge and abilities that are needed to fulfil this role are set out below.

**Job Title: Postdoctoral Research Associate
(Greenhouse Gas Group)**

Department: Earth Sciences

	Essential	Desirable	Tested by Application Form/Interview/Test
Knowledge, Education, Qualifications and Training			
PhD qualification in measurement of greenhouse gases	X		Application, interview
First Aid at work (or willingness to be trained)		X	Application, interview
Skills and Abilities			
Ability to complete instrumental procedures without supervision	X		Application, interview
Familiarisation with laser spectrometers and / or infra-red analysers for atmospheric analysis		X	Application, interview
Excellent computing skills to process	X		Application, interview
Experience in setting up and testing instrumentation		X	Application, interview
Experience with measurement of atmospheric gases and quantification of emissions		X	Application, interview
Written, oral and listening communication skills	X		Interview
Ability to prioritise and schedule own workload	X		Interview
Experience			
Of working in adherence to health and safety procedures and precautions in routine processes	X		Application, interview
Of isotopic analysis of atmospheric gases		X	Application, interview
Of handling large datasets	X		Application, interview
Of mathematical and statistical analysis of data	X		Application, interview
First author experience of publishing research		X	Application, interview
Other requirements			
Ability to physically undertake the duties associated with the role, including manual handling	X		Application, interview
Full driving license to drive the research group survey vehicle		X	Application, interview
Availability to carry out UK field research	X		Interview
Availability to work variable hours		X	Interview
Occasional evening and weekend work		X	Interview
Able to commence work between 1 November and 1 December 2024	X		Interview