



GEOMAGNETIC INSTRUMENTATION ENGINEER

The British Geological Survey (BGS) is one of the world's leading and forward thinking geological science institutes with a focus on both public good science for government and geoscientific research to understand earth and environmental processes. A vacancy has arisen for a highly motivated and enthusiastic Geomagnetic Instrumentation Engineer to be based at our BGS office in Edinburgh.

You will provide on-site field engineering support to the Natural Environment Research Council (NERC) UK and overseas geomagnetic observatory network. You will also monitor the quality and performance of real-time data from the magnetic observatory system in co-operation with data analysis staff and react to system failures. You will plan and make measurements as part of the annual UK magnetic survey programme (in cooperation with other engineering staff and after a period of training). In addition you will assist geomagnetic engineering staff with the development, fabrication, testing and deployment of new instrumentation and infrastructure.

You should have an Honours Degree/Diploma in an engineering discipline or equivalent work experience together with a minimum mathematical qualification of A-level or Scottish Higher or evidence of similar capability. In addition you should have an understanding of engineering systems in an area such as electronics, electrical systems, communications or IT. You should have a thorough understanding of digital data acquisition theory. Being willing and able to learn new scientific theories and engineering skills will be an important part of being successful in this role.

You must be able to communicate engineering problems and concepts to other engineers and show examples of technical problem solving ability. Whilst being able to work on your own and show initiative, you must also be comfortable in a team and be a strong communicator, both verbally and in writing. The post involves fieldwork so you must hold a valid driving licence, be confident to be able to travel and work alone in remote environments and be competent in rough terrain and personally resilient in fieldwork conditions.

Starting salary will be between £19,937 per annum to £23,640 per annum depending on qualifications and experience (pay award pending). Working hours will be 37 per week excluding lunch breaks. A generous benefits package is also offered, including a company pension scheme, childcare allowance, 30 days annual leave plus 10.5 days public and privilege holidays.

This is advertised as a full time post but we will consider applications from those who require more flexible arrangements.

Applications are handled by the RCUK Shared Services Centre; to apply please visit our job board at http://www.topcareer.jobs/Vacancy/irc174693_5019.aspx and submit your up-to-date C.V. and covering letter, which clearly outlines why you are applying for this post and how you meet the criteria described in this advertisement. Applicants who would like to receive this advert in an alternative format (e.g. large print, Braille, audio or hard copy), or who are unable to apply



online should contact us by telephone on 01793 867003, Please quote reference number IRC174693.

Closing date for receipt of application forms is 21 January 2015.

The Natural Environment Research Council is an equal opportunities employer and welcomes applications from all sections of the community. People with disabilities and those from ethnic minorities are currently under-represented and their applications are particularly welcome. The British Geological Survey is an Investors in People organisation. There is a guaranteed Interview Scheme for suitable candidates with disabilities.