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|  **JOB DESCRIPTION** |

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| **POST TITLE** | Beamline Scientist (Generic) |
| **DIVISION/DEPARTMENT**  | Science |
| **REPORTS TO** | Principal Beamline Scientist | **GRADE** | 5 |

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| **AIM** |
| To collaborate with the Principal Beamline Scientist for the commissioning and operation of the beamline. Work closely with other scientists and support groups within Diamond to ensure smooth operation of the beamline providing beam time to the scientific user community. |

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| **ACCOUNTABILITIES** |
| * Provide operational support for the beamline, including responsibility for the day-to-day safe operation of the beamline, interact closely with the users of the facility.
* Act as a single point of contact (Local Contact) for a proportion of user experiments providing specialist technical/scientific advice.
* Collaborate on beamline upgrades and development projects, including taking specific responsibility for certain components of the beamline such as the design, manufacture, installation, testing and commissioning phases.
* Manage the day-to-day coordination of support groups at Diamond to implement beamline upgrade projects, to improve the quality of the beamline, develop solutions for emerging problems, and ensure its smooth operation.
* Develop own research in an area relevant to the beamline and disseminate the results.
* Procurement of beamline components, including writing system specifications, the management of contracts and liaison with suppliers.
* Manage the development, procurement, testing, installation, and maintenance of bespoke scientific equipment and software to perform novel experiments on the beamline and the peripheral laboratory.
* Advise on the development of data acquisition, visualization and analysis software and be involved in commissioning of new software.
* Give advice to users on proposal submissions and help develop the user community.
* Actively participate in beamline reviews including preparation of documentation, contributing to identify areas for improvement.
* When required perform duties for the wider organisation: e.g. membership of interview panels, committees or working groups.
* Promote Diamond externally; including for example public outreach activity and engaging with the scientific community.
* Assist in the long-term development of the beamline in specific area of expertise.
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| Appendix |
| Appendix Specific I15-1 - in addition to the above accountabilities the post holder will also:1. Engage actively with new and existing user communities who will benefit from I15-1 through participation in conferences and workshops.
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Because of the changing nature of our business your job description will inevitably change. You will, from time to time, be required to undertake other activities of a similar nature that fall within your capabilities as directed by management.

As this is a generic job description, it should not be amended or modified.  If there are key accountabilities that specifically befall the role holder, these are to be attached to the job description by way of an appendix. The content of the generic job description will be reviewed by the Science Directors from time to time and any changes will be communicated accordingly.