

**JOB DESCRIPTION**

POST TITLE	Software Systems Engineer		
DIVISION/DEPARTMENT	Technical Controls		
REPORTS TO	Senior Software System Engineer	GRADE	5

**AIM**

The design, development, commissioning and operational support of controls systems to support the design, development and operation of the accelerators and/or beamlines on the Diamond Synchrotron Light source.

**ACCOUNTABILITIES**

- Design and develop the Control Systems
- Commission and diagnose faults in installed Control Systems.
- Provide operational support and analysis of installed Control Systems
- Interface with internal customers, including Engineers and Scientists, at all stages of the development life cycle to, for example, develop requirements, track project progress, and verify operation of Control Systems
- Contribute to the processes and associated software development to support the design of Control Systems throughout Diamond.
- Report on progress in all areas on a periodic basis.
- Support of contractors and suppliers of turn key Control Systems.
- Maintain and develop technical expertise in software development
- Maintain a current knowledge of the Control Systems on other, comparable, beamline and accelerator projects.

**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.**