



## Diamond User Code 5: Lasers and UV



### Hazards

Damage to eyes – arc eye, blindness  
Damage to skin – burns, increased risk of cancer  
Ignition source – fire risk  
All depend on the power of the source

### Risks

The experimental risk assessment must identify the use of laser or UV sources and employ suitable control measures for the risks, specific to the experiment.

### Controls

Display warning signs  
Enclose sources of laser or UV radiation  
Ensure that interlocks are visually in good working order  
Make sure beam stops are correctly positioned  
Prevent access to persons who are not involved with the experiment  
Last resort, use PPE to protect against exposure – gloves, correctly rated goggles and coveralls

### Contact

If you have any questions regarding the safe use of lasers or UV sources contact the SHE group. [Diamondshe@diamond.ac.uk](mailto:Diamondshe@diamond.ac.uk).



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