

This document provides guidance regarding the arrangements that Colleges / Professional Services should put in place to protect staff and students operating science-based equipment that generates ultra violet (UV) light and to ensure compliance with the Control of Artificial Optical Radiation at Work Regulations.

General, daily exposure, for example, to sunlight are considered by other sources of information, available on the HSS Website.

Ultraviolet light is a type of electromagnetic radiation,

The following details types of control measures to protect operators and others from the risks associated with artificial sources of ultra violet light.

Use an alternative, safer light source that achieves the same result.

Use filters, screens, curtains.

Arrange remote viewing or dedicated rooms.

Restrict access to rooms with equipment to trained, authorised operators eg keypads, SALTO.

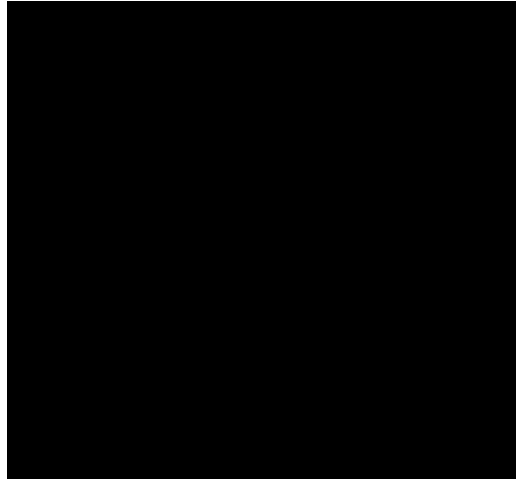
Use equipment fitted with safety interlocks, remote controls or time delays.

Check relevant safety signage displayed.

Train operators in best practice and provide appropriate information to them.

Issue Personal Protective Equipment (PPE) eg clothing, UV resistant goggles or face shield.

Display an Authorised Operators List ie those trained how to operate the equipment.



Warning Optical Radiation Symbol

Formally check all safety critical devices eg safety interlocks, access controls, time delays every 3 months to confirm their efficacy.

In addition, undertake regular inspections of the equipment and immediate working area to confirm controls remain in place. For example, relevant warning signs displayed, Safe Operating Procedures available, the Authorised Operator Lists up to date.

As part of the inspection process always check, PPE provided to protect operators is available and remains in good condition.

Gel Doc Imagers	Severe burns to skin and eyes from UV Exposure to hazardous substances	Operation of UV light interlocked with doors to protect against UV exposure Refer to COSHH Assessments as required
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Note: Highlighted items higher risk

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