

# Radiation Safety

## Safety Rules in Physics Laboratory

This is a list of suggested "do's and don'ts" for laser users to bear in mind when working in physics laboratory. It should help students to work safely.

- Do not look into a laser beam.
- Keep room lights on brightly if possible.
- Remove personal jewellery. Watches, rings, etc. act as reflectors.
- Locate and terminate all laser beams. Make sure that all beams are terminated with a suitable beam dump which is capable of handling the power of the laser beam.
- Keep beams in a horizontal plane below eye level, preferably at waist height.
- Don't bend down below beam height.
- Wear laser safety protection. Be certain that you have suitable eyewear provided and wear it. Protect skin as well as eyes. Don't put bare hands into a laser beam.

## Useful Links

Department of Health, Radiation Health Unit

- [Guidance Notes on the Storage of and Accounting for Radioactive Substances](#)
- [Understanding Radiation](#)

Electrical and Mechanical Service Department

- [Laser Safety Guidance Notes for Industry, Display and Entertainment](#)
- [Safety Guidelines for Laser Products](#)

## Occupational Safety & Health Council

- [\(LS\) Laser Safety](#)
- [\(RA\) Certificate of Competence in Ionising Radiation Protection](#)
- [\(XRAYC\) Certificate of Competence in Safe Use of X-Ray Irradiating Apparatus](#)

## Radiation Board of Hong Kong

- [Licence Application](#)

## Download

- [Registration of Laser User \(Class III & IV\)](#)
- [Registration of Radiation User](#)
- [Withdrawal of Laser User \(Class III & IV\)](#)
- [Withdrawal of Radiation User](#)