

Lasers

The main hazard associated with the use of lasers is damage to the eye, but skin damage may result if the beam power intensity is high. There is also a potential fire hazard associated with the use of high powered lasers.

There are four classes of lasers (Class 1-4), Class 1 being the weakest.

- Class 1 lasers are safe under all viewing conditions.
- Class 2 lasers are not to be aimed at vehicles or personal head height.
- Class 3A lasers are only to be used in controlled areas, with restricted access and warning signs in place.
- Classes 3B and 4 are not permitted on Interserve worksites without authorisation.
- If an area is a laser controlled area, take note of signs and barriers and do not enter unless authorised to do so.
- Do not work in a laser controlled area unless you have been advised as to what precautions you should take, which should include what personal protective equipment is required.
- In addition, you should never enter any area where radiographic testing work is being carried out. Always obey the warning signs and barriers.

Questions:

- 1 Where are lasers used in construction?
- 2 What are the risks?
- 3 What controls should be in place?

Further Information:- CIP Manual, Section 30