



Laser Safety in Higher Education video - Summary

The Video - which was produced by the University of Southampton in 1986 - is in five parts. Although now somewhat dated, especially with respect to laser classification, it remains one of the few safety training videos that deals specifically with laser hazards, and is required viewing for all intending users of lasers.

1 LASER RADIATION AND THE BODY

- Difference between laser radiation and white light.
- How the eye focuses laser radiation.
- Blink reflex and short-pulsed lasers.
- How different wavelengths of radiation affect different parts of the eye.
- The difference in the effect of shore96(e)4(c)4(t of shoff)6(c5.17 541.99 Tm[(-)] TJETBT1 0 0 1 259.13 5

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- Administrative Controls.
- Personal Protection (including types of goggles).

4A OTHER RISKS

- Semiconductor lasers.
- High-powered lasers.
- Flammable solvents.
- The lethal combination of high-voltage electricity and high-pressure cooling water.

4B PRECAUTIONS

- Aligning pulsed and invisible lasers.
- Skin protection.
- Choice of goggles.
- Study of laser safety.
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