



Diamond User Code 6: Extremes of Temperature



Hazards



Heat burns – above 70 °C



Cold Burns – below 0 °C

Risks

Where there is a risk of contacting a very hot or very cold surface, or persons being affected by a high level of heat or cold generated by equipment, this must be identified in the experimental risk assessment and suitable controls identified.

Controls

Make sure that people carrying out hot or cryogenic processes are competent and trained in their use

Limit access to areas which may contain these hazards

Guard very hot or very cold items from contact

Provide suitably rated PPE

Ensure that the work place is ventilated to allow the ambient temperature to be stable

Ensure regular rest breaks and ensure fluids are taken on in hot environments

Ensure good house keeping to prevent fires

Contact

If you have any questions regarding safe working with extreme temperatures, contact the SHE group. Diamondshe@diamond.ac.uk.