



Universität Bremen

Safety instructions
according to § 9 BetrSichV

Responsible person: K. Sebald

Working area:
Physikalische Praktika

Applicable to employees, tutors
and students

Workplace:
S3180, S3040, S3100, ...

Field of application

Experimental lamps with housing

Halogen lamp 12V/100W (Spindler&Hoyer)
Reuter lamp 6V/30W (Leybold)

Hazards for humans and the environment



Risk of burns due to hot surfaces

Protective measures and rules of conduct

- Carry out a visual inspection before using, report any damage or unusual conditions (heat, odour) to the technical staff immediately
- Only use lamps as intended
- Pay attention to the maximum supply voltages depending on the lamp type
- Protect against impact and falling, risk of breakage!!!
- Defective lamps are only to be replaced by technical staff; first allow the lamp to cool down and disconnect it from the supply voltage
- Protect from splashing water, do not switch on wet devices
- Do not cover ventilation slots or light outlet openings, heat build-up!
- Do not touch the lamp housing during operation, it gets hot!!!
- Protect the connecting cable from mechanical/thermal damage

Behaviour in the event of a malfunction

- Switch off the device immediately
- pull out the mains plug
- Inform technical staff

First Aid – Emergency call (0)112



- Depress emergency stop!!!
- Pay attention to self-protection!!!
- Provide first aid, inform first aiders, consult a doctor in the event of medical problems

Maintenance / Appropriate disposal

- - Repairs are only to be carried out by technical staff
- Dispose of the lamps in the residual waste, lamp housings in the electronic waste, contact: Hotline 60088

Date: _____ Signature: _____