



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

Power supplies
from 50 to 1000VAC and/or from 120 to
1000VDC
Ballasts Spectral lamps (Spindler&Hoyer)
Universal choke (Leybold),
which are operated with mains voltage

Hazards for humans and the environment



Life-threatening body currents possible in case of
- improper use
- defective devices and/or connecting cables

Protective measures and rules of conduct

- Only use appliances with a valid inspection sticker (DGUV V3)
- Carry out a visual inspection before starting up, report any damage or unusual conditions (heat, odour) immediately to the technical staff and switch off the appliance immediately if necessary
- Only use the appliance as intended
- Do not open the appliance
- Protect from splashing water, do not switch on wet appliances
- Do not cover ventilation slots or heat sinks
- Do not pull the plug out of the socket by the connecting cable
- Do not lift the device by the cable
- Protect the connecting cable from mechanical/thermal damage
- Use shockproof test leads from 50VAC/120VDC
- Do not connect devices in parallel

Behaviour in the event of a malfunction

- Switch off the appliance immediately and pull out the mains plug
- Inform technical staff
- Fuses should only be replaced by technical staff by disconnecting the appliance from the power supply

First Aid – Emergency call (0)112



- Press emergency stop!!!
- Pay attention to self-protection!!!
- Provide first aid, notify first aiders, consult a doctor in case of complaints

Maintenance / Appropriate disposal

- - Inspection in accordance with DGUV regulation 3 every 18 months
- - Repairs can only be carried out by qualified electricians
- - Disposal in electronic waste, contact: Hotline 60088

Date: _____ Signature: _____