

Main hazards



- Electric current (electric shock, sometimes fatal)
- Radiation and noise (glare or eye inflammation, skin burns, hearing damage)
- Fumes and gases harmful to health (respiratory illnesses, poisoning)
- Fire and explosions



Safety rules

- Use safe welding machines and follow the instructions in the operating manual.
- Use only by trained personnel.
- Check the condition of the device and cables before each use.
- Ensure good conductivity between the grounding cable and the workpiece.
- Before starting work, switch on the extraction system and adjust it if necessary.
- Use cables protected by sheaths and equipped with insulated connection sleeves.
- Wear welding gloves with gauntlets.
- Wear a welding helmet with a suitable protective filter or a protective screen.
- Wear eye protection, even when removing slag.
- Wear clothing made of flame-retardant materials.
- Wear safety shoes.
- Protect others from glare (e.g., close the curtain).