



Safety instructions

Safety instructions for users of abrasive products from sia Abrasives

Improper use of abrasive products is dangerous and can lead to injury. Hazards are also posed by dust, chips, grit breakage, by the rotating abrasive product or the belt breaking or flying off, by touching the abrasive product when it is running, by noise, vibration, improper use or non-use of personal protective equipment, by electric shocks as a result of electrostatic charge, and by risk of fire and explosion from chips, dust and sparks.

For this reason, conduct a hazard analysis of all abrasive processes, paying particular attention to the following:

- ▶ Observe the instructions provided by the manufacturer of the machine and the abrasive product.
- ▶ Use all of the safety and protective devices provided by the machine manufacturer.
- ▶ Do not perform any abrasive operation without using the protective devices. Protective guards are compulsory when using angle grinders with operating speeds > 63 m/s.
- ▶ Check the suitability of the abrasive product for the intended application. When wet grinding, only use abrasive products specifically intended for that purpose.
- ▶ Only use qualified, properly instructed personnel.
- ▶ Wear personal protective equipment depending on the application (protective gloves, protective goggles, face mask, respirator, hearing protection, leather apron, safety boots). No loose hair, clothes or jewellery.
- ▶ Use extraction systems.
- ▶ Transport, store and mount abrasive products with caution. Do not use any damaged abrasive products.
- ▶ Check that the abrasive product is mounted correctly; always centre round abrasive products when mounting them and only use suitable backing pads/backups. Press abrasive products with a hook and loop or self-adhesive system firmly on the entire contact surface. Mount belts with a directional arrow in the correct direction.
- ▶ Remove highly flammable materials from the surrounding area. Prevent or reduce electrostatic charge.
- ▶ Do not exceed the maximum operating speed. Conduct a trial run after the abrasive product has been mounted. Do not tilt the machine when cut-off grinding. Do not put hand-held machines down until they have come to a complete standstill.
- ▶ Dispose of abrasive products in accordance with local regulations.