



## Operating Instructions

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Chair of Material Science

Signature :

### Application Area

This operating instruction contains general rules  
for using electrical hand workshop tools

### DANGEROUS FOR HUMANS AND ENVIROMENT



Danger by using electrical hand workshop tools can appear from the electrical current, flying away workpieces, turned out of control tools, cuts, crimpings, falling down workpieces, coiling as a result of rotating tools, noise and dust.

It should be ensured that only examined tools and devices are used and the devices should be technically examined at least every six months.

### PREVENTIVE MEASURES AND BEHAVIOR RULES

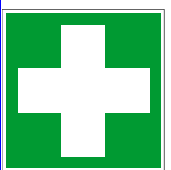


- It is allowed to use only appropriate and examined hand tools and accessories.
- Before the use of new equipment read and take into account the operating instructions.
- Insert/clamp into electrical hand devices only certified tools (e.g. by polishing and cutting-off wheels).
- Control electrical equipment with both hands, at safe conditions and handable rotation moments.
- Do not dismount or block the protection devices.
- Within highly explosion vulnerable areas use only explosion protected machines.
- Put on you only closely lying work clothes.
- Upon the working environment use only your personal protection equipment: hard hats, protection shoes, ears protection, eye protectors, gloves (not by rotating devices) etc.

### BAHVIOR IN CASE OF DEFICIENCIES

Exchange immediately all defective tools and accessories, respectively let a specialist to repair them. Inform the laboratory personnel about damages.

### BEHAVIOR IN CASE OF ACCIDENTS, FIRST ASSISTANCE



- Inform yourself where surgical dressings are kept.
- In case of an accident think not only how to save the hurt person and render first help, but also how to secure the accident scene.
- Bandage immediately also smaller injuries. Visit a doctor, if work inability is envisioned due to the injury.
- Inform immediately your superior about each accident.

Make sure that at each emergency, first aid cases are recorded, e.g. in a collective book.

### MAINTENANCE, DISPOSAL

Repairures, maintenance work and supervisions may be accomplished only by assigned persons.

### CONSEQUENCES OF NEGLIGENCE

Health damage, injuries.