 VDL STEELWELD	WORK INSTRUCTION	Date: 01-01-2025	Enterprise Management System
<h1>Torch cutting</h1>			

1. Purpose

The purpose of the instruction is to explain how to perform the work safely, in accordance with VDL Steelweld guidelines and applicable laws and regulations.

2. General

Torch cutting is accompanied by sparks, intense heat, radiation, gases, noise and the like.

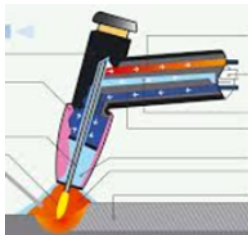
3. Risks

- Exposure to toxic metal substances and harmful gases
- Use of caustic and corrosive chemicals
- Exposure to harmful noise levels
- Insufficient shielding and/or fastening of moving parts
- Forced posture
- Metal splinters from sanding, grinding and hammering metal
- Electrocution, explosions and fire hazard

4. Measures

- Check the safe operation of the equipment before use
- Avoid use of too much or too little oxygen
- Extinguish the flame during brief interruptions in the work
- Cordon off the workplace adequately
- Maintain proper posture while performing the work
- Wear personal protective equipment (PPE) to protect against heat and radiation, especially the eyes, face and hands
- Protect the auditory organs against noise with PPE
- Protect the respiratory system against metal dust with PPE
- Be sure the gas cylinders that are used are standing firmly and protected against falling
- Keep fire extinguisher close to welding and cutting work area
- Torch cutting only by certified personnel
- Never wear a safety vest during torch cutting

5. Picture



6. Pictograms

7. Required PPE



- Keep the burner orifices clean
- Maintain a clean work area free of obstructions and combustible materials
- Wear protective clothing that protects against sparks
- Keep suitable fire extinguishing equipment within reach



- Do not place flammable substances near the work area
- Do not stand or remain in an awkward/bad posture too long
- Avoid related activities, such as grinding, chipping, etc., as much as possible

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