

Toolboxcard

Fire and Explosion Hazard

Applies to team leaders, employees, and subcontractors

A single spark is enough to cause an explosion

Fires are caused by a combination of flammable substances, vapors, and an ignition source.

- If in doubt, stop work.
- Safety comes before production.

Prevent fires

Before you begin, check the following:

- Remove flammable materials.
- Ensure adequate ventilation.
- Check for flammable vapors or gases.
- Know where the nearest fire extinguisher is located.
- Keep escape routes clear.



Hot work (welding, grinding, cutting)

When performing hot work:

- Shield against sparks.
- Remove flammable materials or cover them.
- Use welding fume extraction and ventilation.
- Check for smoldering debris afterward.

Working with Solvents

Paint, glue, sealant, and solvents can produce flammable vapors.

- Use only products with a label.
- Read the WIK (work instruction card) beforehand.
- Ensure proper ventilation.
- Keep fire and sparks away.
- Close containers after use.

Confined Spaces

Hazardous vapors can form in tanks and other confined spaces.

- **Always follow the procedure for Working in Confined Spaces and Post-Release.**
- Conduct gas measurements as needed.
- Always ensure ventilation and supervision.
- Stop immediately if the situation changes.

Collaboration

Work activities can have dangerous interactions with one another.

- Coordinate work activities in advance and protect colleagues and other contractors.
- Never weld or grind near painted surfaces or work involving solvents.

Fire or unsafe situation?

- Stop work immediately.
- Report it immediately to the team leader.
- Extinguish the fire only

