

Moving driver parts

THE HAZARD:

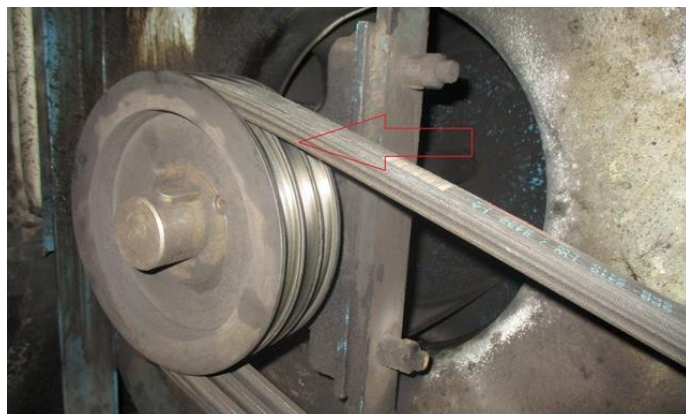
Unprotected rotating shafts, drivers and vee-belts pose the hazard of hair, clothes, fingers or personal protective equipment getting caught and pulled into the machine.

CRITICAL SITUATIONS:

For particular maintenance work on moving driver parts, machines and aggregates are stopped and the protective casings removed.

Attention: The appliances may start unexpectedly! Usually, this is caused by an unintentional automatic or manual activation. Rotating driver parts of fans, vents and air conditioning units may also suddenly start moving due to pressure differences.

Dangerous activities include checking vee-belts or the application of vee-belt spray, for example with air conditioning units on board. If an unexpected movement sets in, fingers may get between the vee-belt and the wheel. Likewise, if protective gloves or clothes get into the moving parts and are pulled in, it may lead to serious hand and finger injuries.



Source: BG Verkehr

TIPS FOR THE CREW

Do not underestimate the risk of unexpected revolving movements. Pay particular attention to your safety with vee-belts.

Get informed:

- Read details and instructions by the manufacturer
- Observe SMS of the shipping company / operating instructions

Activate safety systems:

- Switch off machine / aggregate and secure against automatic or manual restarting
- Use existing log out/tag out methods
- Use existing mechanical safety mechanisms

Avoid air pressure differences:

- Close ventilation flaps and doors
- In the entrance area: restrict access and point out dangerous activity with warning sign

Do not work alone in hazardous situations:

- Check: Is supervision or safeguarding necessary?

Take off your PPE protective gloves:

- Protective gloves **must not (!)** be worn at machines with rotating parts. Entanglement hazard!

SHIPOWNER / VESSEL'S COMMAND:

It is your responsibility to organise safe working conditions for your crew. Check:

Have you prepared a risk assessment?

- Are hazards and protective measures outlined?
- In particular regarding vee-belts, such as in air conditioning units?

Are there instructions for the crew?

- Are operating instructions or procedures for the safe execution of activities and tasks provided?
- Do they specify protective measures against unintentional activation and rotating?

Is instruction provided?

- Have the employees been instructed in the safe operation of the machines and equipment?
- Have you arranged special instructions for work with moving driver parts with or without protective casings?

Are the protective measures up-to-date?

- Are the casings inspected regularly for functioning, completeness and condition?
- Is a log out/tag out method required?
- Do not wear gloves when working with machines with rotating parts: **Does everybody know that?**

**THINK AND ACT
SAFELY**



INFO
Chapter

D1, D7, D10, A4