

Working with bandsaw

1. Goal

The purpose of this safety instruction is that, after reading the instructions, the employee is aware of the risks associated with the defined work and that he can perform it safely

2. General

A bandsaw (also written band saw) is a saw with a long, sharp blade consisting of a continuous band of toothed metal stretched between two or more wheels to cut material. Advantages include uniform cutting action as a result of an evenly distributed tooth load, and the ability to cut irregular or curved shapes like a jigsaw.[1] The minimum radius of a curve is determined by the width of the band and its kerf. Most bandsaws have two wheels rotating in the same plane, one of which is powered, although some may have three or four to distribute the load. The blade itself can come in a variety of size and tooth pitch (teeth per inch, or TPI) which enables the machine to be highly versatile and able to cut a wide variety of materials including wood, metal and plastic.

3. Risks

- Detachment of the product during sawing
- Machine tipping over during use
- Metal splinters or fragments coming into eyes
- Touching rotating parts of saw
- Irritation of the coolant to the skin

4. Measures

- Attach the machine to the floor
- Support long parts to be sawn by means of conductors
- Wear the personal protective equipment as prescribed
- Use the machine only when the protective caps are attached
- Firmly tighten the product before starting the machine
- Wear long sleeves as protection against sparks and coolant

5. Picture



6. Pictograms



7. Required PPE



- Make sure that the saw does not lean on the product when starting the machine
- Only use machines that are identifiable as checked in accordance with NEN 3140
- Wear the required protective equipment
- Check that the switch is OFF before plugging the plug into the socket
- Wear long hair in a tail or under a cap / helmet
- Wear protective clothing that is resistant to sparks
- Make sure you are familiar with the MSDS of the coolant (if used)



- Do not use the machine when it is not stable on the floor
- Do not wear loose clothing near the machine or when operating the machine
- Do not work with the machine if you haven't had training or are not familiar with it
- Don't use the machine in a wet or moist area

Owner:

Status:

Document code:

HSE Coordinator

Released

I.01.29

Page 1 of 1