

Warning Slurry system

On this farm there is a slurry system

Health, fire and explosion hazardous gases are formed when the slurry ferments. See precautions below and take appropriate action.

Hydrogen sulphide is toxic

Hydrogen sulphide is toxic for both humans and animals. Within 1-2 minutes of mixing and pumping slurry, lethal amounts of hydrogen sulphide gas can be released.

ATTENTION!



When pumping slurry

- no other work should be carried out in the stable, and pumping should occur late in the workday
- breathing apparatus with gas filter must be used – if possible, be two persons on the job
- ample air flow must be ensured to diminish the concentration of hydrogen sulphide.

Hydrogen sulphide is dangerous

Hydrogen sulphide can paralyze the sense of smell, and therefore you are not aware of the danger before consciousness occurs. Poisoning can happen in stables, pump pits, slurry storage tanks, slurry tankers, etc.

The risk of gases being released is greater in farms where large amounts of slurry are kept for longer time periods. By long term storage the only safe way to avoid the toxic gases is that humans and animals are not present in the stable, when the slurry is mixed or pumped.

Hydrogen sulphide poisoning

If the animals in the stable are showing signs of poisoning, the pumping and mixing must be stopped immediately. **Do not enter** the stable without wearing a breathing apparatus with its own air supply.

If a breathing apparatus is not available, a specialist crew with breathing apparatuses must be called in.

Help can be called at:

Company name:

Phone number:

Planning and organization of work with slurry

Everyone working with slurry in the stable must be thoroughly trained and instructed. The instruction must contain information about safe operation of the slurry system when pumping – possibly mixing and back flushing.

Malfunctions should be reported to the owner or the operator, so that the work can be planned and carried out safely.

Safety equipment such as safety belt, safety wire and breathing apparatus are kept here:

In case of malfunction, contact:

Name:

Phone number:

First Aid

See first aid instructions. Even if an unconscious person wakes up and claims he is ok, an ambulance should be called. When calling, it must be advised, that it is a slurry system accident.

Updated:

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