



AgriSafetyNet

Agricultural Safety Through Lifelong Learning

2019-1-SK01-KA202-060645

Module 2 GENERAL HAZARDS AND PREVENTION



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Case Study 1

Accident at work which caused serious injury

They had an older sewage truck on the farm. During the last 2 monitoring visits, the inspection of the pressure equipment evaluated the condition of the tank: "I recommend using the pressure vessel only as a pressureless storage tank due to weak technical state".

The employees decided to fertilize the rapeseed with urea. To fill the sprayer, they used a faecal car on which they had to run a compressor through the PTO shaft, which created pressure in the container, and thus filled the sprayer through a hose. During the pumping, the employees stood about 7 m from the sewage truck and were turned their backs on it. One of the employees heard only a muffled sound, while the second one was hit by a faecal hatch.

Violation: §9 par. 2 of Act no. 124/2006 Coll. (unfavorable condition of the source of the accident, suffering condition).





Case Study 1

Accident at work which caused serious injury

What was the employer supposed to do?

The employer had to carry out a simple risk assessment to determine:

1. What could happen?

- injuries to employees who used the machine as both a pressure and non-pressure vessel
- injury to the public when the machine moves on public roads
- causing an environmental accident

2. What is the probability that any of these things will happen?

High when taken into account:

- that the inspection technician of the pressure equipment evaluated the condition of the tank in the last 2 reports: "I recommend using the pressure vessel only as a pressureless storage tank due to technical wear"
- movement of the machine on public roads
- gradual aging of the machine (material degradation)

3. What are the possible consequences (binding)?

- injury, (potentially fatal).

4. What control measures should he take if he assessed the situation in advance?

- at least avoid using the tank as a pressure vessel (by marking the vessel, disabling the compressor)
- discard the machine, ask a professional to recycle it
- sell the machine as scrap metal



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PROJECT CONSORTIUM



Defoin



**HOF UND
LEBEN**
Jeder Tag ein Vermögen.



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