

# Proof of Training

## “Compulsory Mixer”

Date:

Name of Trainee:

Company:

Operation/Department:

Training location:

### Participants:

Name, first name

Signature

Trainee

Superior, for acknowledgement



Not like **that!**

**ACCIDENT  
HAZARD  
POINT**

# Compulsory Mixer

**The location:** The accident occurred in the compulsory mixer of a ready-mix concrete operation.

**The situation:** The mixing manager wanted to clean the mixing trough. Meanwhile, a colleague who was unaware of the manager's intention, started the compulsory mixer in order to empty the remaining concrete. The manager was pulled in by the mixing unit.

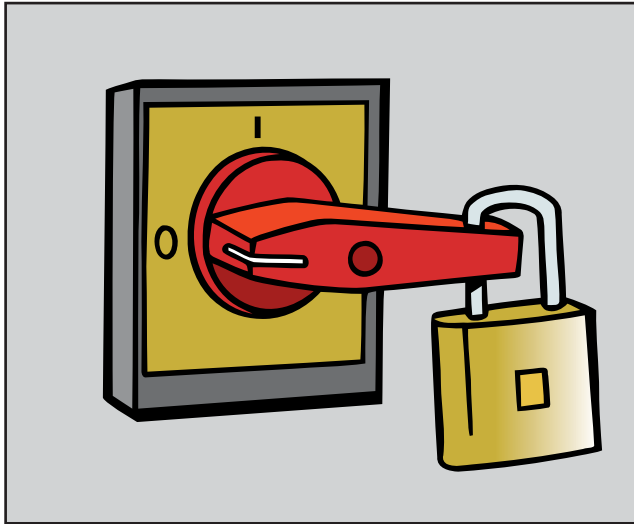
**The mistake:** Prior to entering the mixing trough, the employee should have shut off the unit and safeguarded it against restart.

**The consequences:** The employee was fatally injured by the running mixing unit.

Act now!



Like this!



Before starting any work in the mixing trough, turn off the unit and safeguard it against restart.



Safe work on concrete mixers requires that responsibilities and clear work steps are defined in advance.



Personal protective equipment must be used for cleaning purposes.



Safe access must be provided for the purpose of cleaning the mixing trough. Cleaning must always be done from a safe location.

## For more information:

Practical handbook Building Materials – Stone – Earth

- A 2.11 Mixer
- D 1.3 Bucket conveyor
- D 4.1 Protective grid with magnetic switch
- D 4.7 Cleaning system in mixer

[www.bergbau-bg.de](http://www.bergbau-bg.de), [www.stbg.de](http://www.stbg.de)

Please also observe the company-internal regulations.

# Checklist

## “Compulsory Mixer”

In your capacity as a responsible entrepreneur/manager please ensure that the following points are covered:

Does your company clearly regulate the responsibilities re: working on compulsory mixers?	<input type="checkbox"/> Yes, completed/ is in place	<input type="checkbox"/> Not, will be done until by
Has the topic ‘Working on compulsory mixers’ been considered as part of your hazard assessment?	<input type="checkbox"/> Yes, completed/ is in place	<input type="checkbox"/> Not, will be done until by
Does your company have an operating manual regarding work on compulsory mixers?	<input type="checkbox"/> Yes, completed/ is in place	<input type="checkbox"/> Not, will be done until by
Do you provide instructions to employees with regard to work on compulsory mixers?	<input type="checkbox"/> Yes, completed/ is in place	<input type="checkbox"/> Not, will be done until by
Are your employees able to shut off the unit and safeguard it against restart (for example, with a pad lock)?	<input type="checkbox"/> Yes, completed/ is in place	<input type="checkbox"/> Not, will be done until by
Do your employees know how to safely shut off all energy types (electrical, hydraulic, and pneumatic)?	<input type="checkbox"/> Yes, completed/ is in place	<input type="checkbox"/> Not, will be done until by
Is it possible to protect electrical, hydraulic or pneumatic parts against inadvertent movements (e.g. sliders, flaps)?	<input type="checkbox"/> Yes, completed/ is in place	<input type="checkbox"/> Not, will be done until by
Do you undertake regular monitoring to ensure that work on compulsory mixers is done in a safe manner?	<input type="checkbox"/> Yes, completed/ is in place	<input type="checkbox"/> Not, will be done until by
Do your employees use the prescribed personal protective equipment?	<input type="checkbox"/> Yes, completed/ is in place	<input type="checkbox"/> Not, will be done until by
Do you encourage your employees to report defects?	<input type="checkbox"/> Yes, completed/ is in place	<input type="checkbox"/> Not, will be done until by
Do your employees ensure that the compulsory mixer workplace is clean and orderly?	<input type="checkbox"/> Yes, completed/ is in place	<input type="checkbox"/> Not, will be done until by