

My Responsibility

12 LIFESAVERS FOR MANAGERS



1

KNOW THE FACTS – AVOID DANGER TO LIFE!

It is my responsibility to make my employees particularly aware of accident hazards posing a high risk potential. I ensure that company specifications are followed and work is accomplished safely.

The facts:

90 percent of all fatal work accidents were caused through only five accident types. In twelve years, these five accident types alone have cost 270 human lives.

2

RISKS: IDENTIFY. MANAGE. PRESERVE LIFE!

I am responsible that hazards are systematically determined for all activities, the necessary protective measures are specified and that the risks are managed.

The facts:

With every third fatal work accident there was either no or only an insufficient risk assessment.

3

ACT AS A ROLE MODEL! LOOK! ACT!

I am aware of my function as a role model. My actions are consistent and predictable and I immediately intervene with unsafe methods.

The facts:

Carelessness was involved with two out of three fatal work accidents. The hazard was so apparent that the managers and the person suffering the accident should have known it.

4

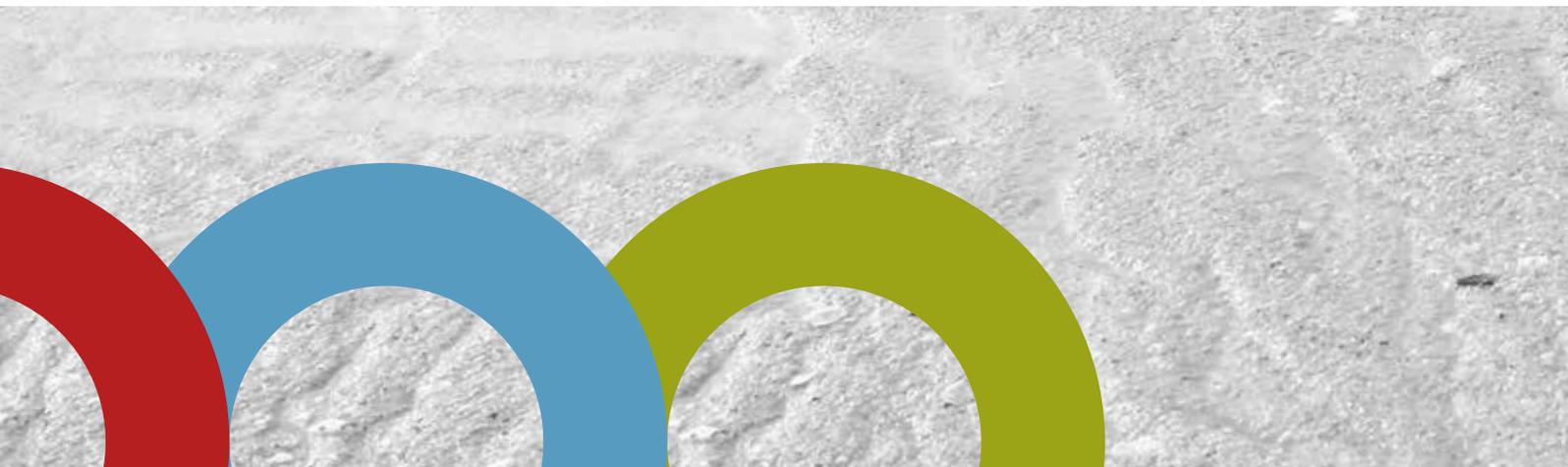
ROUTINE. EXPERIENCE. CAN BE FATAL!

I especially observe the work behavior of the experienced employees. I encourage all employees to always give safety the highest priority and in case of doubt to say STOP.

The facts:

"Old hands" carry the greatest risk of suffering a fatal accident. More than every third person suffering an accident belongs to the age-set of the 45 to 54 year-olds with particularly long experience.

www.visionzero.global



5

SAFE WORK: SPECIFY! INSTRUCT! CHECK!

For all activities, I specify how work has to be performed safely. I ensure that the instructions are given comprehensively and understandably. I personally make sure that my employees have understood and follow the specifications.

The facts:

In one out of three fatal work accidents, the safe mode of work was either not or only insufficiently specified, or the instruction was deficient. Therefore, those suffering the accident did not have the necessary understanding for working safely.

7

VEHICLES. EARTHMOVING MACHINES. FORKLIFT TRUCKS. DANGER TO LIFE!

It is my responsibility to minimize the risks with the use of our vehicles through suitable measures. This includes a traffic concept, secure traffic routes, deficiency-free vehicles and a considerate behavior of all traffic participants.

The facts:

In one out of three fatal work accidents, vehicles (e.g. wheel loaders, trucks, dump trucks, forklift trucks, cars) were involved. Hereby 100 individuals, including nearly 30 pedestrians were killed.

6

SAFETY DEVICES. PPE. ESSENTIAL FOR LIFE!

I ensure that the necessary company safety devices and the personal protective equipment (PPE) are available and always used. I am a good role model and immediately address incorrect behavior.

The facts:

Although the necessary safety devices or the personal protective equipment (e.g. safety belt in vehicle, fall protection, locking device) were in place and functional, they were not used with every fifth fatal work accident.

8

MALFUNCTIONS. CLEANING. MAINTENANCE. GREATEST DANGER!

I am responsible for the planning and monitoring of safe working procedures with fault clearance, repair and cleaning work on machines and plants. I make sure that the specifications are observed.

The facts:

In this area, 60 people were killed due to lacking or ignored working instructions.



9

FUNCTIONING SAFETY DEVICES? SAVE LIVES!

I ensure that the effectiveness of all safety devices is regularly verified and that deficiencies are resolved. In addition, I make sure that the safety devices are used as intended.

The facts:

20 individuals were killed during work on machines and plants because the safety devices (e.g. safety light barriers, safety switches, locking devices) had been dismantled or had been manipulated. The managers had either not noticed this or had even tolerated it.

10

FALLS KILL! PREVENT IT FROM HAPPENING!

I make sure that working at heights is performed safely through technical measures and that the necessary personal protective equipment is consistently used. As far as possible, we avoid performing works on ladders.

The facts:

47 individuals were killed through falling from high working levels. The lowest fall height was less than one meter. Working on ladders and flat roofs (breaking through) can have a fatal outcome.

11

FALLING. TIPPING. COLLAPSING. DANGER TO LIFE!

I instruct my employees to stay out of areas wherever possible where a hazard through tipping parts or falling objects cannot be completely excluded. I ensure that the storage and transport is performed in ways that nothing can fall or tip over.

The facts:

45 individuals were struck dead by tipping parts or falling objects. Often the steadfastness was not given or loads were not secured against falling.

12

EXPLOSION HAZARDS! TAKE MEASURES!

I carefully assess whether there are explosion or fire hazards in my area of responsibility and take the necessary measures. I make sure that the employees only perform works in hazardous areas after approval and exclusively with suitable tools.

The facts:

32 individuals were killed through explosions and their consequences.

My Responsibility
12 LIFESAVERS FOR MANAGERS

The German social accident insurance institution for the raw materials and chemical industry (BG RCI) covers more than 30,000 companies with some 1.4 million insured employees. Next to ensuring rehabilitation and compensation in the case of an accident at work, while commuting or due to an occupational disease, BG RCI focuses on prevention in its member companies. Committed to VISION ZERO, BG RCI conducted a study of 303 fatal work accidents to determine the highest risks.

The results are the 12 LIFESAVERS for employees and the 12 LIFESAVERS for managers, explaining concisely and hands-on what needs to be done to help preventing severe accidents.



Picture credits:

Title picture: ©Mutual de Seguridad C. CH. C., Chile

Inner pages: ©aquar - stock.adobe.com

09/2017

International Social Security Association

Published by

The International Section of the ISSA on Prevention in the Mining Industry

Hunscheidtstraße 18

DE-44789 Bochum, Germany

www.issa.int/prevention-mining

ISSA MINING – GLOBAL NETWORKING FOR PREVENTION

ISSA Mining globally cares for safety, health and wellbeing in mining, connecting stakeholders who are sharing passion, responsibility and professional interest in occupational safety and health for mining. Mining corporations, associations, researchers and academics, governments and their agencies, trade unions, suppliers and other stakeholders are invited partners. Whoever deals with the safety, health and wellbeing of mine workers is a potential member of the ISSA Mining community.

Under the umbrella of the ISSA, the International Section on Prevention in the Mining Industry, in short ISSA Mining, aims to bring forward social security in mining, particularly in the field of prevention. By means of worldwide cooperation, the not-for-profit organization ISSA Mining aims to achieve acceptable working, OSH and social conditions in mining enterprises of all sizes – small businesses included! ISSA Mining is clearly committed to the prevention strategy VISION ZERO, the vision of a world without occupational accidents and work-related diseases. The highest priority is to prevent fatal and serious work accidents and occupational diseases. VISION ZERO is the goal of a comprehensive culture of prevention and the strategic backbone of ISSA Mining's work.

With more than 100 members around the world and board members from five continents, the independent organization ISSA Mining is a part of the global network of the International Social Security Association (ISSA), headquartered in Geneva, Switzerland. ISSA Mining hosts and joins international congresses and workshops focused on health and safety. Uniting a vast array of stakeholders, the companies and their economic reality stay in the focus while pursuing the ultimate goal: to protect the life and health of every miner!

The ISSA Mining Media Series

ISSA Mining's media is published in three categories:

- ISSA Mining Network – Explaining what we do and how we do it
- VISION ZERO Strategy – Basic knowledge on the VISION ZERO prevention strategy
- VISION ZERO Practice – Tools to put the 7 Golden Rules into practice in mining companies

This publication is part of the series "VISION ZERO Practice".

