

# My Life

## 12 LIFESAVERS FOR EMPLOYEES



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## KNOW THE FACTS – AVOID DANGER TO LIFE!

Are there any accident hazards at my workplace with a high risk potential?

### 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.

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## THINK FIRST. THEN WORK. BUT SAFELY!

Do I always work consciously and first consider which hazards exist for my own life?

### The facts:

With 75 percent of the fatal accidents, the victims themselves had worked incorrectly and therefore had a direct influence on the accident occurrence.

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## CARELESSNESS KILLS!

Am I aware that careless behaviour can be fatal? How do I classify my own behaviour and that of my colleagues?

### 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.

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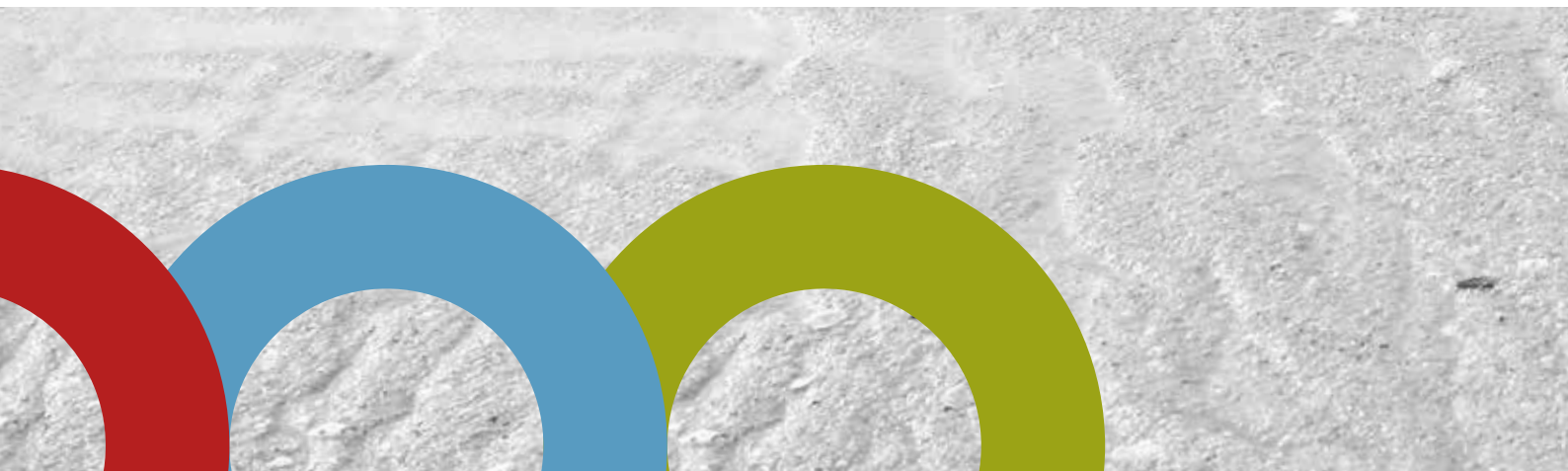
## ROUTINE CAN BE FATAL!

Am I amongst the group of the particularly experienced employees? Am I aware that in spite of my experience I need to reassess the risks in every situation? Does it occur that I unnecessarily place myself in danger?

### The facts:

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

[www.visionzero.global](http://www.visionzero.global)



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## OBSERVE SAFETY RULES – STAY ALIVE!

Am I aware of the company rules for safety at my workplace? Do I always follow these regulations for safe work?

### The facts:

100 individuals could still be alive if they had observed the company safety rules that were specified and known during their work.

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## SAFETY DEVICES. PPE. PROTECT YOUR LIFE!

Are the necessary safety devices available and do I use them for my own safety? Do I always use the necessary personal protective equipment (PPE)?

### 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.

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

Do I behave defensively and with foresight as a driver and concentrate on the traffic? Do I always seek eye contact with the driver and avoid blind spots as a pedestrian?

### 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.

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## MALFUNCTIONS. CLEANING. MAINTENANCE. HIGHEST DANGER!

During malfunctions in machines and plants, do I always observe the principle of never acting inconsiderately and on my own authority? In case of doubt, do I always first inform my supervisor?

### The facts:

During fault clearance, repair and cleaning works on machines and plants 60 individuals were killed because the work instructions were not observed or they improvised.



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## MANIPULATED SAFETY DEVICES KILL!

Am I sure that the safety devices do not show any deficiencies and function reliably? Do I report identified deficiencies? Do I understand that through manipulation to safety devices I do not only endanger myself but also subject my colleagues to a fatal hazard?

### The facts:

20 individuals were killed during work on machines and plants because the safety devices (e.g. safety light barriers, safety switches, barriers) had been dismantled or were manipulated.

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## FALLS KILL. NEVER WORK WITHOUT FALL PROTECTION!

Am I aware of the danger of falling from edges or from heights? Do I always secure myself against falling? Am I aware that even a plunge from a low height can have a fatal outcome?

### 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.

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## FALLING. TIPPING. COLLAPSING. DANGER TO LIFE!

Do I make sure that I avoid areas as far as possible in which objects can fall down? Do I observe the correct storage and steadfastness of objects? Do I use suitable lifting means during transport?

### 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.

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## EXPLOSION HAZARDS? SPECIAL DILIGENCE REQUIRED!

Do I know whether there are explosion hazards in my work area? Do I make sure that I only perform work in areas with fire or explosion hazards after approval and exclusively with suitable tools?

### The facts:

32 individuals were killed through explosions and their consequences.

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## 12 LIFESAVERS FOR EMPLOYEES

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.



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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](http://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".