StBG: Statutory Accident Insurance for...

- aggregates and quarries
- cement
- ready mixed concrete
- asphalt mixing plants
- gravel and sand
- lime and gypsum
- precast concrete/blocks
- recycling
- oil and gas
StBG: Statutory Accident Insurance for...

- 5,400 companies
- 11,000 subsidiaries
- 141,000 employees

- aggregates and quarries
- cement
- ready mixed concrete
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- oil and gas

5,400 companies
11,000 subsidiaries
141,000 employees
Occupational Diseases - Suspected Cases

- 47.84 %

1996: 926
1997: 795
1998: 768
1999: 723
2000: 685
2001: 644
2002: 552
2003: 451
2004: 481
2005: 483

0.42 %
Occupational Diseases - Top 7 of Suspected Cases

- Noise: 154
- Spinal Column: 176
- Skin diseases: 103
- Lung cancer/asbestosis: 53
- Asbestosis: 25
- Lung cancer/Silicosis: 17
- Silicosis: 15

Yearly cases:
- 2003: 6
- 2004: 16
- 2005: 22
- 2006: 14
- 2007: 16
- 2008: 6
Occupational Diseases - New Pensions

![Bar Chart showing new pensions for occupational diseases from 1996 to 2005. The chart indicates a decrease in the number of new pensions from 149 in 1996 to 81 in 2005.](chart_image)
Occupational Diseases - Top 6 of New Pensions

- Silicosis
- Noise
- Lung cancer/Asbestosis
- Mesotheliom (Asbestosis)
- Skin diseases
- Lung cancer/Silicosis

Yearly counts for the period 2003 to 2005:
- 2003: 32, 21, 5, 4, 7, 10
- 2004: 20, 7, 5, 5, 6, 7
- 2005: 33, 23, 5, 7, 5, 6

Graph showing the number of new pensions awarded for each occupational disease category over the three years.
Yearly Pension Payments (2005)

2005 - Silicosis:
1,200 Cases = 12,000,000 Euro

2005 - Noise:
800 Cases = 3,000,000 Euro
The StBG Mobile Units
The X-Ray Mobile of the StBG
The X-Ray Mobile of the StBG
The X-Ray Mobile of the StBG
Silica Dust: Exposed Workers and Lung Examinations

- Exposed workers: 13,685 in 1996, 10,729 in 2005
- Lung examinations per year: 4,110 in 1996, 3,305 in 2005
Campaign to Raise Awareness: Dust Free Work

- Information Brochure
- Worker’s Newspaper
- Video „dust free“
- CD-ROM
- Lung-Demo Model
- Charts for Workers
- Checklists
The Audiomobile of the StBG
The Audiomobile of the StBG
Noise: Exposed Workers and Hearing Examinations

- Hearing examinations per year: 19,914 (1996), 13,995 (2005)
90% of the companies have less than 50 employees!
average: 26 employees per company
Occupational Safety Act (ASiG)
Statutory basis for Occupational Medical Care

- for every company
  - company physicians
  - and safety experts

- for companies up to 50 employees
  - Employers model
Employers model

- training and motivation courses for employers
- advice and medical check-ups by company physicians
- advice by safety engineers
Training and Motivation Courses

Part 1
(2 days)
basics
responsibility

Part 2
(2 days)
health protection
noise, dust, ergonomics

Part 3
(2 days)
safe technology

Part 4
(2 days)
safety management
organisation

Further Training
every 3 years
2 days
3 Causes for the New Approach

1. Extended legal scope to prevent accidents, occupational diseases and work-related health hazards with all suitable means.

2. General agreement for a cooperation with the legal health insurances in the prevention of health hazards due to work & extended action framework for them.

3. „Bonn Declaration for Prevention“: Establish a Health Network!
Analysis: Health Report for the Extractive Industry
Illness in the Extractive Industry

Days absent due to unfitness for work per 100 insured persons

- Mental Disorders
  - All branches of industry: 101
  - Extractive industry: 66.2

- Digestive System
  - All branches of industry: 100.1
  - Extractive industry: 98.8

- Cardiovascular System
  - All branches of industry: 117.2
  - Extractive industry: 71.4

- Respiratory system
  - All branches of industry: 254.7
  - Extractive industry: 195.85

- Injuries
  - All branches of industry: 293.9
  - Extractive industry: 211.7

- Muscles/skeleton
  - All branches of industry: 482.75
  - Extractive industry: 393.1
Diseases of the cardiovascular and the muscular and skeletal system occur very often in the extractive industry.
They are long-term illnesses and an important cost factor.

Causes:
- Lifting and carrying
- Non ergonomical working position
- Lack of exercise and activity
- Consumption of alcohol and nicotine
- Unhealthy nutrition and overweight
- Stress and insecure job situation
New Approach for the Industry

Good Health for Good Business
New Approach for the Industry

Improving the Qualification of StBG-Advisors

Good Health for Good Business
Improving the Qualification of StBG-Advisors

- Work-related health risks
- Soft factors and soft skills
- Strategic and network knowledge for health at work
- Economical aspects of health prevention
New Approach for the Industry

- Improving the Qualification of StBG-Advisors
- Good Health for Good Business
- Organising Events, Seminars and Conferences
1. German Health Conference for Extractive Industry

- Kick off activity
- 600 participants
- High-level executives
Seminar “Stress Management for Better Success”

- Target group: employers, company managers, plant managers, etc.
- Duration: 1.5 days
- Content: detecting stress, managing stress, exercises
- More than 150 participants
New Approach for the Industry

- Improving the Qualification of StBG-Advisors
- Good Health for Good Business
- Organising Events, Seminars and Conferences
- Developing Adopted Tools
Developing Adopted Tools

Guidelines including checklists, contact-information, company-agreements for:

- Stress at work
- Cardiovascular diseases
- Diseases of the muscular and skeletal system
- Alcohol and drugs
- Nicotine / protection of non-smokers
- Older workers
- Workplace bullying
Motivation Video „Healthy Living“

- 20 minutes each
- Health-related subjects
- Advice and motivation
- Examples of good practice
- Background reports
- Tips and talk
New Approach for the Industry

- Improving the Qualification of StBG-Advisors
- Installing Networks
- Developing Adopted Tools
- Organising Events, Seminars and Conferences
- Good Health for Good Business
Installing Networks

Industry Associations

Non-Profit Orgs.

Service Providers

Accident Insurances

Unions

Physicians

Health Insurances

[Diagram showing connections between different entities]
Good Neighbourhood-Approach

Cooperation between small and major enterprises:

- Sharing health facilities
- Joint sports groups
- Joint health campaigns
- Joint health promoting activities
New Approach for the Industry

- Developing Tools
- Adopted
- Installing Networks
- Introducing Health Management Tools
- Improving the Qualification of StBG-Advisors
- Organising Events, Seminars and Conferences
- Good Health for Good Business
- Developing Adopted Tools

Good Health for Good Business
Introducing Health Management Tools

Quality Standard for Good Health

Introduce a quality seal including a health audit to promote the corporate image and offer an incentive for workplace health promotion.
New Approach for the Industry

- Improving the qualification of StBG-Advisors
- Introducing health management tools
- Installing networks
- Good Health for Good Business
- Organising events, seminars and conferences
- Developing adopted tools