



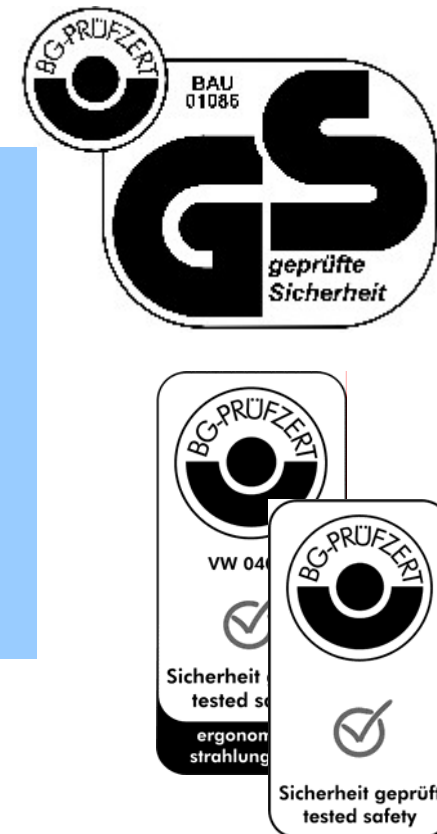
Standardisation, Testing and Certification – Practical Experiences from the Perspective of Occupational Safety and Health Institutions

Hans-Joachim WOLFF
Hauptverband der gewerblichen
Berufsgenossenschaften

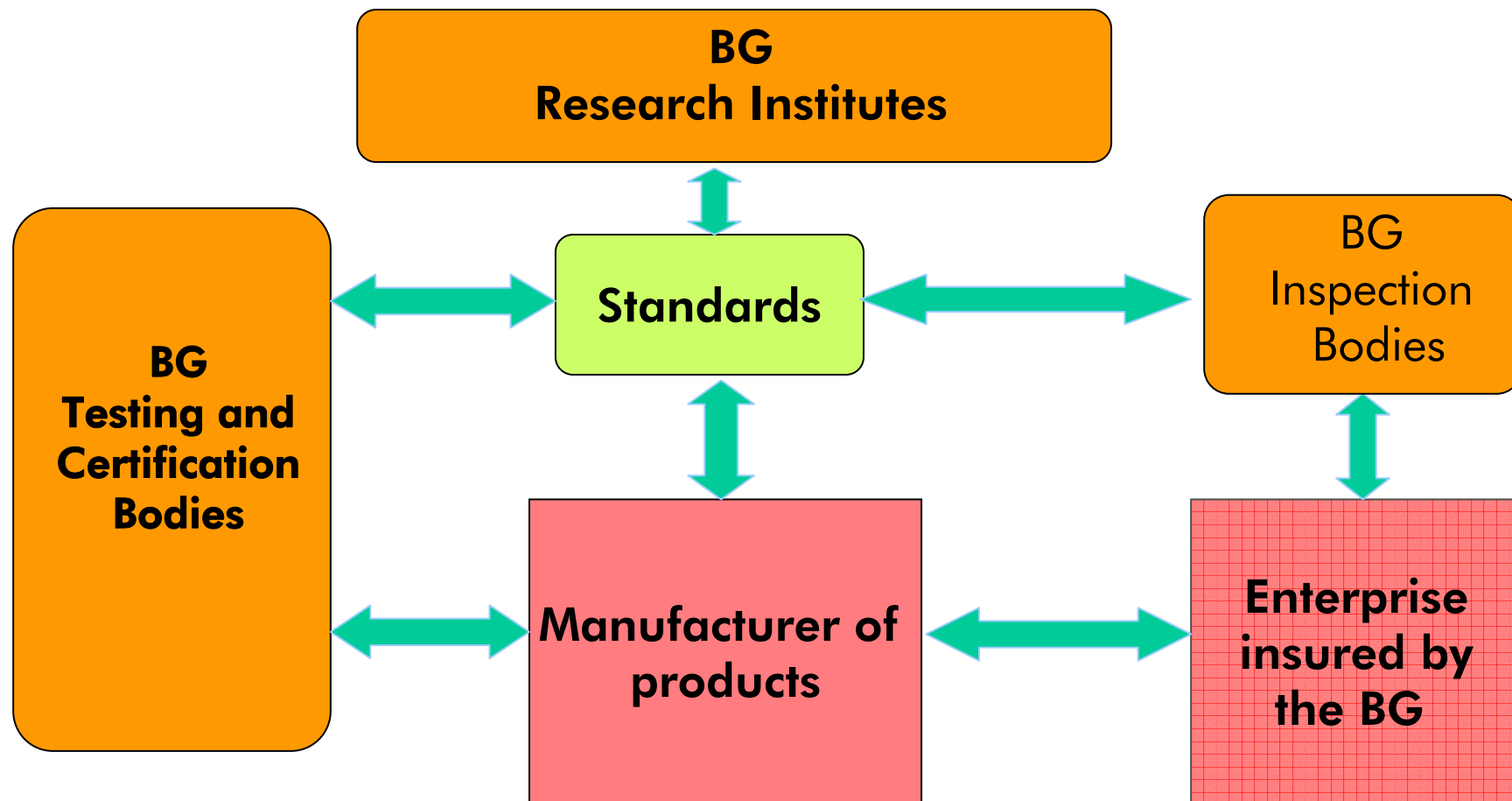


■ Testing and Certification in the HVBG

- 19 testing and certification bodies
- 2004: More than 3.500 certificates issued



Interaction: Research – Testing - Inspection – Standardisation



■ Contribution to Standardisation

220 experts of the BGs are active in

- 570 national
- 360 European
- 80 international

standardisation committees



■ Contribution to Standardisation

- Participation in the development of standards
 - 264 German standards projects
 - 480 European standards projects
 - 212 international standards projects

- Output over the last 10 years: **973 standards**



Ref: BGZ-Report 2/2004



■ Testing of Respiratory Protective Equipment



■ Research Accompanying the Development of Safety Equipment



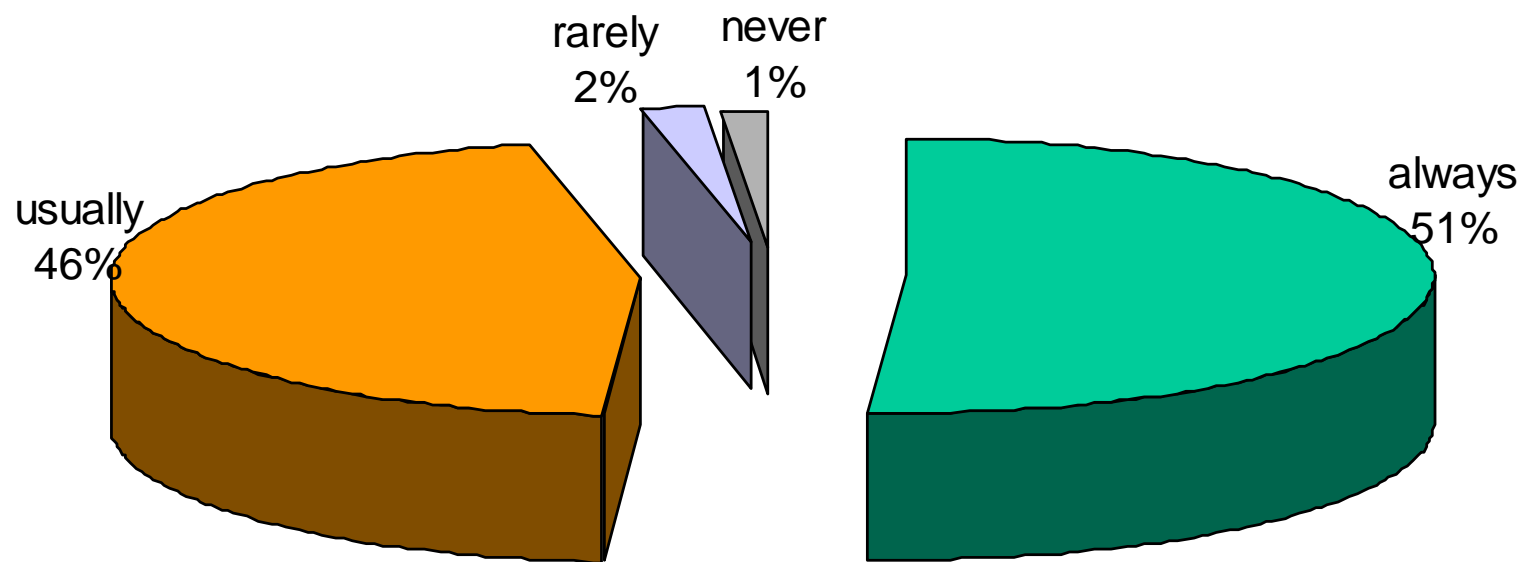
Example:
Laser scanner

■ Industrial Truck with Laser Scanner



■ Application of Standards

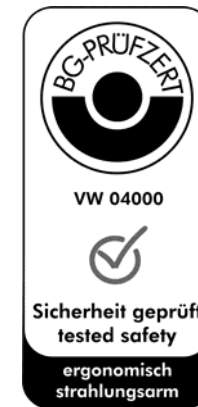
Product development on the basis of European standards?



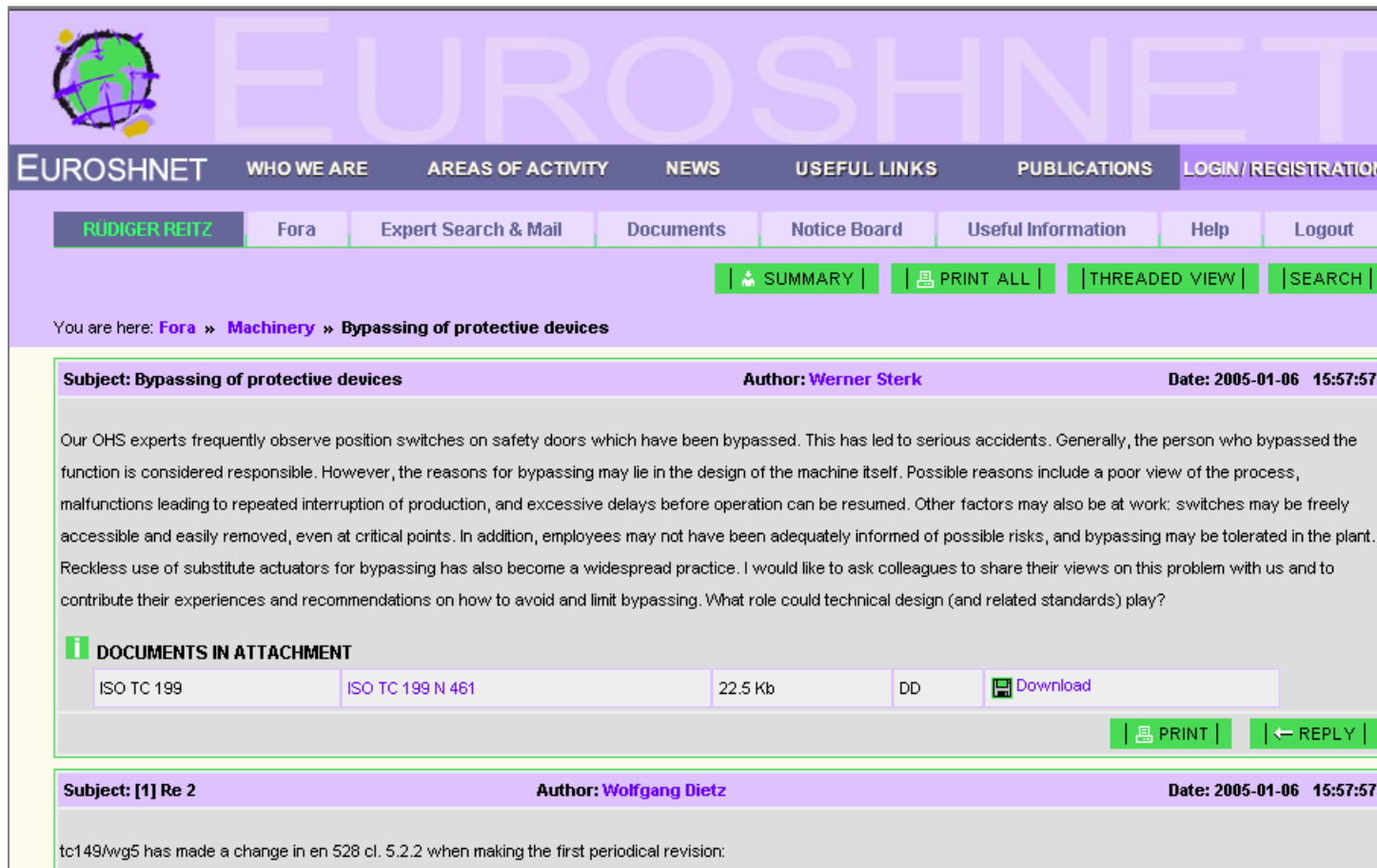
■ Testing and Certification in the HVBG



- 2004: more than 3.500 certificates issued
- 70% thereof on the basis of voluntary tests for the GS or BG mark



■ Network of Occupational Safety and Health Experts






The screenshot displays the EUROSHNET website interface. At the top, there is a navigation menu with links for WHO WE ARE, AREAS OF ACTIVITY, NEWS, USEFUL LINKS, PUBLICATIONS, and LOGIN/REGISTRATION. Below this, a secondary menu includes FORA, Expert Search & Mail, Documents, Notice Board, Useful Information, Help, and Logout. The user 'RUDIGER REITZ' is logged in. Action buttons for SUMMARY, PRINT ALL, THREADED VIEW, and SEARCH are visible. The breadcrumb trail indicates the current location: You are here: [Fora](#) » [Machinery](#) » [Bypassing of protective devices](#).

Subject: Bypassing of protective devices **Author: Werner Sterk** **Date: 2005-01-06 15:57:57**

Our OHS experts frequently observe position switches on safety doors which have been bypassed. This has led to serious accidents. Generally, the person who bypassed the function is considered responsible. However, the reasons for bypassing may lie in the design of the machine itself. Possible reasons include a poor view of the process, malfunctions leading to repeated interruption of production, and excessive delays before operation can be resumed. Other factors may also be at work: switches may be freely accessible and easily removed, even at critical points. In addition, employees may not have been adequately informed of possible risks, and bypassing may be tolerated in the plant. Reckless use of substitute actuators for bypassing has also become a widespread practice. I would like to ask colleagues to share their views on this problem with us and to contribute their experiences and recommendations on how to avoid and limit bypassing. What role could technical design (and related standards) play?

DOCUMENTS IN ATTACHMENT

ISO TC 199	ISO TC 199 N 461	22.5 Kb	DD	 Download
------------	------------------	---------	----	--

Buttons:  PRINT |  REPLY

Subject: [1] Re 2 **Author: Wolfgang Dietz** **Date: 2005-01-06 15:57:57**

tc149/wg5 has made a change in en 528 cl. 5.2.2 when making the first periodical revision:

■ Bridge across the river Tarn near Millau, France



Architect: Lord Norman Foster

Pylon: 342 meters of height
(highest viaduct pylon ever built)