

## **EU Conference "Perspectives of Control Banding"**

**21 / 22 June 2011 at BAuA, Dortmund (Germany)**

**Supported by the International Technical Group (ITG) "Control Banding" (WHO / ILO)**

### **Objectives**

Since December 2010 the extended provisions on safety data sheets (acc. to regulation no. 453/2010 from 20 May 2010) in the EU chemicals regulation REACH allows the use of control banding approaches to recommend risk management measures. This is another remarkable milestone in the young history of Control Banding in Europe, which has started with HSE's COSHH Essentials in 1999. In the last decade the idea of making risk assessment transparent and understandable for SME without specific chemical knowledge by using bands derived from easy available information has spread world-wide, supported by an International Technical Group (ITG) "Control Banding" of WHO and ILO.

This is the first European Workshop organised by the Federal Institute for Occupational Safety and Health (BAuA) in Germany with support by the ITG following six international (ICBW) and regional control banding workshops in Asia, South and North America since 2001. Taking into account the most popular CB tools in Europe: COSHH Essentials (UK), Stoffenmanager (NL) and EMKG (DE) the conference focuses on three main topics:

1. Control Banding and REACH
2. Scientific Basis of Control Banding and new developments
3. Control Banding implementation: communication, training and education

The conference will outline European contributions to the second 5-years-workplan (2011 - 2016) of the ITG. It should be a starting point for new co-operations and collaborations on CB in Europe and beyond. And it will hopefully win new friends and partnerships for the CB idea.

**The conference is planned for about 60 invited experts with interest in Control Banding. The working language is English.**

**Start: June 21st at 1 pm**

**End: June 22nd at 1 pm**

**Location: Federal Institute for Occupational Safety and Health (BAuA)  
DASA Working World Exhibition  
Friedrich-Henkel-Weg 1 - 25  
DE - 44149 Dortmund (Germany)**

**Conference Program (2nd Draft, May 2011)****June 21st****13.00 Opening session****DASA – lecture hall**chair: Rüdiger Pipke

(Head of department "Hazardous Substances and Biological Agents", BAuA, DE)

Welcome

Isabel Rothe (Head of BAuA, DE)

Keynote I: Chemical Safety at work - challenges in past, present and future


Helmut Klein (Federal Ministry for Labour and Social Affairs, BMAS, DE)

Keynote II: COSHH Essentials - will a decade of experience help us to meet the REACH challenge

Christine Northage (Health and Safety Executive, HSE, UK)

**14.00 Introduction to the workshops**

- Control Banding and REACH  
Andreas Ahrens (European Chemicals Agency, ECHA, FIN)
- The scientific basis of Control Banding and new developments  
Maikel van Niftrik (TNO, NL)
- Control Banding implementation: communication, training and education  
Dave Zalk (University of California, Lawrence Livermore National Laboratory, USA)

**15.30**coffee break **16.00 Workshops****I. Control Banding and REACH****I - 502**chair: Eva Lechtenberg-Auffarth (BAuA, DE)

Part 1: introductory notes

- New REACH module Stoffenmanager 4.5 and communication with CHESAR  
Christian Schumacher (ArboUnie, NL)
- EMKG-Expo-Tool: basics, application, performance, perspectives  
Gudrun Walendzik (BAuA, DE)
- ECETOC-TRA – basics, application, performance, perspectives  
Alison Margary (Shell International Ltd; )
- Assessing chemical safety in the supply chain - a formulators' perspective  
Johannes Tolls (Henkel AG & Co. KGaA, DE )
- ECHA's perception and activities concerning exposure models in CSR and eSDS  
Andreas Ahrens (ECHA, FIN)
- CB and the extended SDS - towards a set of EU Control Guidance Sheets  
Dirk Henckels (Qualisys, DE)

Part 2: discussion with help of key questions:

- How can Control Banding (CB) help chemicals producers and importers to bear the challenge of REACH to set up exposure scenarios for more than 100.000 chemical substances to be registered in the next 7 years?
- How can CB ease risk communication for substances via Chemical Safety Reports and Extended Safety Data Sheets?
- How can CB support Downstream users in performing their CSR according to REACH Annex XII?

## **II. Scientific basis of Control Banding and new developments**

chair: Maikel van Niftrik (TNO, NL)

**I – SG 12**

Part 1: introductory notes

- Stoffenmanager - calibration and validation  
Maikel van Niftrik (TNO, NL)
- Evaluation of EMKG  
Martin Tischer (BAuA, DE)
- E-TEAM: Validation of REACH Tier I – models  
Martin Tischer (BAuA, DE).
- GHS and hazard bands – example of Stoffenmanager  
Christian Schumacher (ArboUnie, NL)
- Validation program for control guidance sheets  
Jörg Fritzsche (BAuA, DE)
- ATEX module Stoffenmanager  
Paul Beumer (ArboUnie, NL)
- Fire & explosion risk – a future EMKG module  
Iris Schweitzer-Karababa (BAuA, DE)

Part 2: discussion with help of key questions:

- How reliable are the semi-empiric approaches for exposure modelling and hazard banding in current CB tools?
- Do task-related Control Guidance Sheets reduce exposure to the level expected from the theoretical background?
- Which attempts are made for extending the range of CB for fire and explosion risks?

## **III. Control Banding implementation: communication, training and education**

**I – E 40**

chair: Dave Zalk, Lawrence Livermore National Laboratory, USA

Part 1: introductory notes (10 min):

- Operational analysis of Stoffenmanager  
Henri Heussen (ArboUnie, NL)
- CB training for OSH professionals  
Annette Wilmes (BAuA, DE)

- GIZ Chemicals Management Guide  
Alberto Camacho (GIZ, DE)
- CB in social media and PIMEX Videos  
Henri Heussen (ArboUnie, NL)
- CB in tertiary education
  - o Paul Swuste (Delft University of Technology, NL)
  - o Tobias Keller (University of Wuppertal, DE)
- EU-OSHA experience and role  
Elke Schneider (European Agency for Safety and Health at Work, EU-OSHA, ES)

Part 2: discussion and preparation with help of key questions:

- How do SME accept current CB tools to fulfil their legal duties in occupational safety and health?
- How can CB be part of training courses und university education?
- What are the best ways, target groups, tools and gadgets to promote CB?


**18:30 Get-together** (until 19.30)

## **June 22nd**

**9.00 Workshops**

Continued: discussion and preparation of report

**10.00**

coffee break 

**10.30 Workshop Results (plenary)**

chair: Rolf Packroff, BAuA

Results of workshop I: CB and REACH  
Eva Lechtenberg-Auffarth (BAuA)

Results of workshop II: Scientific basis and new developments  
Maikel van Niftrik (TNO)

Results of workshop III: CB implementation  
Dave Zalk (LLNL)

**12.00 Closing session: European perspectives and contributions to the global development strategy 2011 - 2015 of the WHO / ILO ITG Control Banding**

**12.30 End of conference**

**13.00 DASA Working World Exhibition - guided tours**

- special exhibition: nano!
- general exhibition (on your own)