

# The NOMAD Enquiry

J. Jacques, Ministry of Labour, France

P. Kurtz, BAuA, Germany

Members of ADCO-Machines NOMAD Task Force

# The NOMAD Enquiry

Communication between manufacturers  
and users of machines through  
instruction manuals

# Purpose of the Enquiry

To check the level of compliance of instruction manuals of machines with the current EU regulation requiring the provision by manufacturers of machines of quantitative information on noise emission

# ADCO-Machines

- The NOMAD Enquiry was conducted under the aegis of ADCO-Machines
- ADCO-Machines (**Machinery Directive Administrative Co-operation Working Group**) was created in 1999 in order to implement the principles and objectives of administrative co-operation between Member States in the field of Machinery Market Surveillance.

# Two PHASES

## Phase 1:

- From 2008 to 2012: European-wide enquiry with data collection, data analysis and decisions on actions
- Initiated by France and Germany
- Based on data provided by 12 EU Member States

## Phase 2:

- From 2013: launching of actions
- 7 EU Member States active

# A key feature of NOMAD

Many stakeholders concerned with different responsibilities

- Machine manufacturers
- Machine buyers
- Machine users
- National Authorities (Labour inspectors, market surveillance)
- Trade-unions
- Occupation Safety & Health organizations
- Notified bodies
- Standardizers

# Other features

- 1 500 instruction manuals collected and analysed
- Enquiry covers a wide variety of all kinds of machines in all kinds of industrial sectors
- 800 different manufacturers over the world

# Quality assessment

- The quality of manuals regarding noise was assessed against several criteria:
  - Presence/absence of data and information required
  - Compliance of data and information given with legal requirements
  - Credibility and representativity:
    - are data sensible?
    - are data representative of real use of the machine?
  - Legibility / Terminology



# Striking result!

- **80 %** of 1500 instruction manuals did not meet legal requirements
  - 35% of manuals do not conform and are unusable
  - 45% of manuals are not compliant but provide some correct information
  - 16% of manuals provide correct and understandable information
  - 4% of manuals provide correct and very clear information

# Conclusions of the NOMAD Enquiry

- In 8 cases out of 10:
  - Users cannot trust the noise emission data/information provided by manufacturers in instruction manuals
  - Even though users would have the « buy quiet attitude », they could not implement it when procuring machines

# The egg and the hen

- How to explain the situation revealed by NOMAD?
  - Is it because users do not have a « buy quiet » attitude?
  - Is it because manufacturers do not have a « selling quiet » attitude ?
  - Manufacturers often say: why should I invest in providing information that my clients never ask me for!
  - Why do users not ask manufacturers for information on noise emission?

# Actions decided by ADCO-Machines

To try and improve the situation revealed by NOMAD, EU Member States decided on a series of actions:

- Information of all stakeholders on legal requirements
  - Information campaigns
- Drafting of guidance documents for major stakeholders
- Targetted market surveillance campaigns
- Training of labour inspectors and market surveillance personnel
- Better involvement of Notified Bodies
- Improvement of standards regarding « information for use » and « noise test codes »

# One key action completed

- **The Guide for manufacturers**

ADCO-Machines NOMAD Task Force has drafted a Guide that will be widely circulated in 2016

# THE Guide for manufacturers

- Guide on how to report noise emission in instruction manuals and other literature in accordance with Machinery Directive 2006/42/EC and Outdoor Noise Directive 2000/14/EC



# Next key step

- **A Guide for buyers and users**

Both guides put together will constitute a key tool to improve the situation revealed by NOMAD and trigger buying quiet attitudes

# Expectations

- **It is hoped that the Symposium will bring new and good ideas on how to make manufacturers and users of machines talk together efficiently about noise with good quality noise emission information/data in hands**