

Legislative Update

What has changed since the last meeting?



Helge Homann; legislative updates
12.11.2015

German regulation for the use of work equipment

„Betriebssicherheitsverordnung“ (BetrSichV)

- Ordinance on Industrial Safety and Health –

*...concerning the **protection** of safety and health
in the provision of work equipment and its use at work,
concerning **safety** when operating installations subject to
monitoring and
concerning the **organization** of industrial safety and health at
work...*

has been updated on the 1st of July 2015

Adjustment of work equipment to state of the art

Adjustment of work equipment?

What happens to **older work equipment**?

When should **protective measures** be adapted?

Protection-goal based requirements for work equipment

- **Suitable** for the **conditions** at the workplace;
- **Suitable** for the **type of work** to be performed;
- The **operating conditions** and stresses adapted;
- Have **safety-related** equipment



Requirements for **work equipment** directly from the BetrSichV

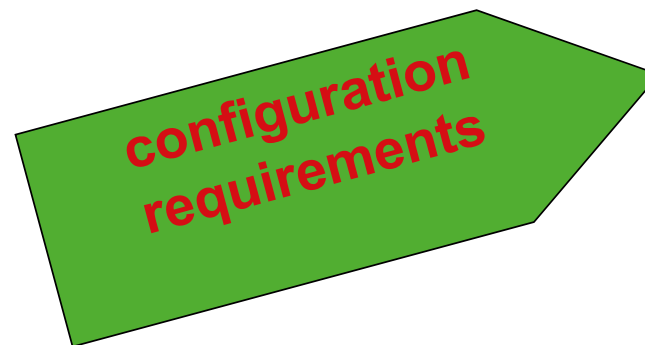
- Usually Annex I (still valid BetrSichV) or text in regulation conjunction with Annex 1 (new BetrSichV)

...didn't change at all...



Requirements for work equipment, which apply to its legislation on health and safety:

Must comply with the applicable legislation on safety and health, in particular those for implementation of **EU directives and, or national directives**, at the time of **first providing** by employers or when the workingequipment has been **available** on the market (new BetrSichV)



Example

Accident on a catering truck, the door of the lifting platform could be opened in the raised position, in which a signal lamp lit as a visual warning.

An operator fell off a height of 3 m and got injured badly.

Truck was built after **12312-2: 2003**

The new standard **12312-2: 2014** requires a guard controlled interlocking system for that door!

How must the user deal with this problem??

major question

Has the user or the owner customize all GSE to the new standards?



standardization



EN 1915 - GSE (4 Parts)

General Requirements

| | | |
|---------------|--|-------------------------|
| Part 1 | Basic safety requirements | published |
| Part 2 | Stability and strength requirements, calculations and test methods | Q 4/2016* |
| Part 3 | Vibration measurement methods | stopped workitem |
| Part 4 | Noise measurement methods | stopped workitem |

* proposed publication by CEN and national standards bodies

EN 12312 – Ground Support Equipment (20 Parts)

| | | |
|----------------|---|-----------|
| Part 1 | Passenger Stairs | published |
| Part 2 | Catering-Vehicles | published |
| Part 3 | Conveyer Belt Vehicles | Q 4/2015* |
| Part 4 | Passenger Boarding Bridges | published |
| Part 5 | Aircraft Fuelling Equipment | Q 2/2016* |
| Part 6 | Deicers and deicing/antiicing equipment | Q 1/2016* |
| Part 7 | Aircraft movement equipment | Q 1/2017* |
| Part 8 | Maintenance stairs and platforms | Q 2/2016* |
| Part 9 | Container/Pallet loaders | published |
| Part 10 | Container/Pallet transfer transporters | Q 1/2017* |

*proposed publication by CEN and national standards bodies

**Once this standard is cited in the Official Journal of the European Communities under that Directive and has been implemented as a national standard in at least one Member State,

EN 12312 – Ground Support Equipment (20 Parts)

Part 11 Container/Pallet dollies and loose load Trailers ☹️

Part 12 Potable water service equipment

Q 3/2015**

Part 13 Lavatory service equipment

Q 3/2015*

Part 14 Disabled/Incapacitated passenger boarding equipment

published

Part 15 Baggage and equipment tractors

Q 2/2016

Part 16 Air start equipment

Q 1/2017

Part 17 Air conditioning equipment

stopped workitem

Part 18 Oxygen/Nitrogen units

stopped workitem

Part 19 Aircraft jacks, axle jacks and hydraulic tail stanchions

stopped workitem

Part 20 Ground power equipment (help wanted)

stopped workitem

*proposed publication by CEN and national standards bodies

**Once this standard is cited in the Official Journal of the European Communities under that Directive and has been implemented as a national standard in at least one Member State

Problems in practice after finalize standards

- 12312-1 passenger stairs
 - platform width
 - moveable by hand
 - guardrails
- 12312-2 catering-trucks
 - platform width
 - half size cabin / full size cabin
- 12312-9 highloader
 - access to front-platform
 - falling from heights

new brochure...

