

Handbook – Prevention of dropped objects, Revision 4 2018

Håndbok

Forebygging av
fallende gjenstander

REVISJON 4
2018

Sfs: Anbefalt praksis 024/2018 – del 1

**Presentation of
changes in revision 4**

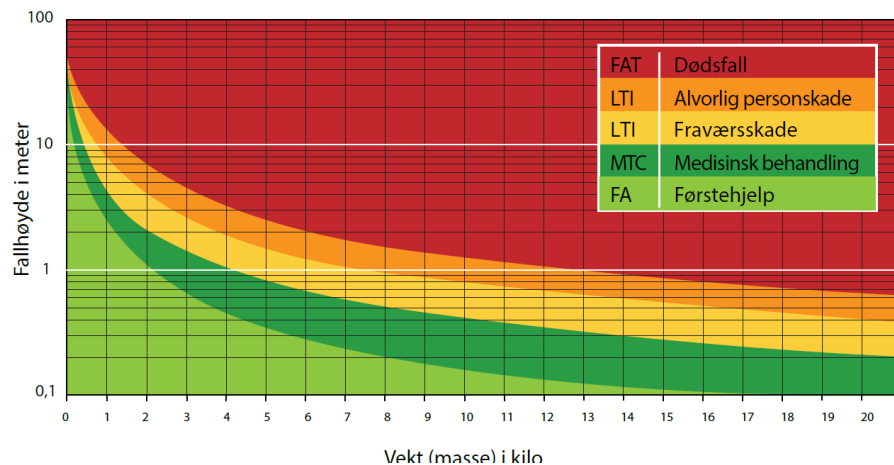
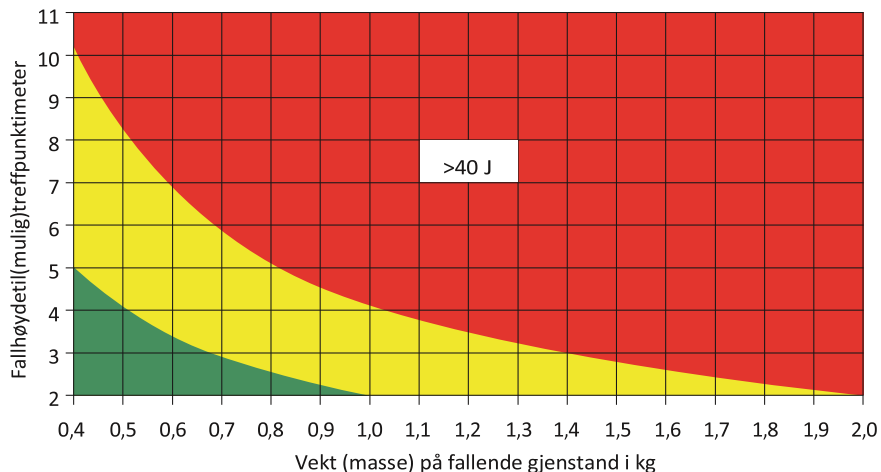


DO handbook Rev 4 – Main changes

- New format, new and clearer partition and colour codes
- New figure for fall energy/preliminary classification
- Wire clamps no longer recommended
- Wrist straps no longer recommended
- Weak-Link max 1 kg
- Securing of tools above 5kg now same as below 5kg
- Safety nets included as a good barrier

New figur – Fall Energy

- Feedback that colour in old version was «wrong»; red is used in serious injuries
- No change under 40 Joule:
0-20J: First Aid/no injury
20-40J: Medical treatment
- Over 120J: Poss. fatality (similar to Drops figure)
- Area 40-120 Joule split in 2:
40-80J: LTI / DAFWC
80-120: serious pers. injury



Wire clamps no longer recommended

Chapter 4.7:

- Wire clamps shall not be used as primary installation in the construction of lifting equipment, and shall not be used for lifting operations.

Reason:

- Unsafe if used incorrectly
- Clamps are weaker than the wire rope itself
- In line with new standard «Securing of tools at height»

Wrist straps no longer recommended

Reason:

- Slipping tools can easily cause damage
- Wrist straps can get caught in surrounding structure etc; and potentially also in rotating equipment.
- Wrist straps are not practical during transport; which means you need to change fastening point at height
- Use of bags or belts reduce the risk related to the above points



58 Chapter 5

Tools heavier than 2 kg shall not be attached to the worker during the work. !

The use of wrist straps is not recommended practice. !

The use of a bag or belt is recommended.

Weak-Link maks 1 kg

Reason:

- Large dynamic forces can result in forces 30 times higher than the weight of the tool itself
- Weak-Link for a 2 kg tool must therefore be strong enough to hold/lift an adult person (including the safety factor)
- A Weak-Link like this has no practical function

Securing of tools above 5kg now same as below 5kg

- The previous version of the handbook distinguishes between tools above and below 5kg. This was misleading as 6 out of 7 recommendations for tools over 5kg were the same as for tools below 5kg
- The requirement that safety devices for tools over 5 kg must be certified lifting equipment has been removed; There are therefore no longer special requirements for tools over 5 kg
- Recommendation not to secure tools over 2kg to the body is retained.

Other changes

- Partition more like DROPS book
- Use of text boxes with important info
- Better link with the rest of SfS recommendation 024
- Updated references/regulations
- Updated risk and barrier descriptions
- New chapter on lifting equipment
- Info re dimensioning of safety wire included
- Changes «shall» and «should» in line with Norsok use
- Removal of «company names» (bolts)
- Many other minor changes and more text + new pictures