

## ANNEX I<sup>(1)</sup>

### REFERENCE FACTORS

(Article 3 (2), Article 4 (a) and (b) and Article 6 (2))

#### 1. Characteristics of the load

The manual handling of a load may present a risk particularly of back injury if it is:

- too heavy or too large,
- unwieldy or difficult to grasp,
- unstable or has contents likely to shift,
- positioned in a manner requiring it to be held or manipulated at a distance from the trunk, or with a bending or twisting of the trunk,
- likely, because of its contours and/or consistency, to result in injury to workers, particularly in the event of a collision.

#### 2. Physical effort required

A physical effort may present a risk particularly of back injury if it is:

- too strenuous,
- only achieved by a twisting movement of the trunk,
- likely to result in a sudden movement of the load,
- made with the body in an unstable posture.

#### 3. Characteristics of the working environment

The characteristics of the work environment may increase a risk particularly of back injury if:

- there is not enough room, in particular vertically, to carry out the activity,
- the floor is uneven, thus presenting tripping hazards, or is slippery in relation to the worker's footwear,
- the place of work or the working environment prevents the handling of loads at a safe height or with good posture by the worker,
- there are variations in the level of the floor or the working surface, requiring the load to be manipulated on different levels,
- the floor or foot rest is unstable,
- the temperature, humidity or ventilation is unsuitable.

#### 4. Requirements of the activity

The activity may present a risk particularly of back injury if it entails one or more of the following requirements:

- over-frequent or over-prolonged physical effort involving in particular the spine,
- an insufficient bodily rest or recovery period,
- excessive lifting, lowering or carrying distances,
- a rate of work imposed by a process which cannot be altered by the worker.

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## ANNEX II<sup>(2)</sup>

### INDIVIDUAL RISK FACTORS (Articles 5 and 6 (2))

The worker may be at risk if he/she:

- is physically unsuited to carry out the task in question,
- is wearing unsuitable clothing, footwear or other personal effects,
- does not have adequate or appropriate knowledge or training.

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- (1) With a view to making a multi-factor analysis, reference may be made simultaneously to the various factors listed in Annexes I and II.
- (2) With a view to multi-factor analysis, reference may be made simultaneously to the various factors listed in Annexes I and II.