



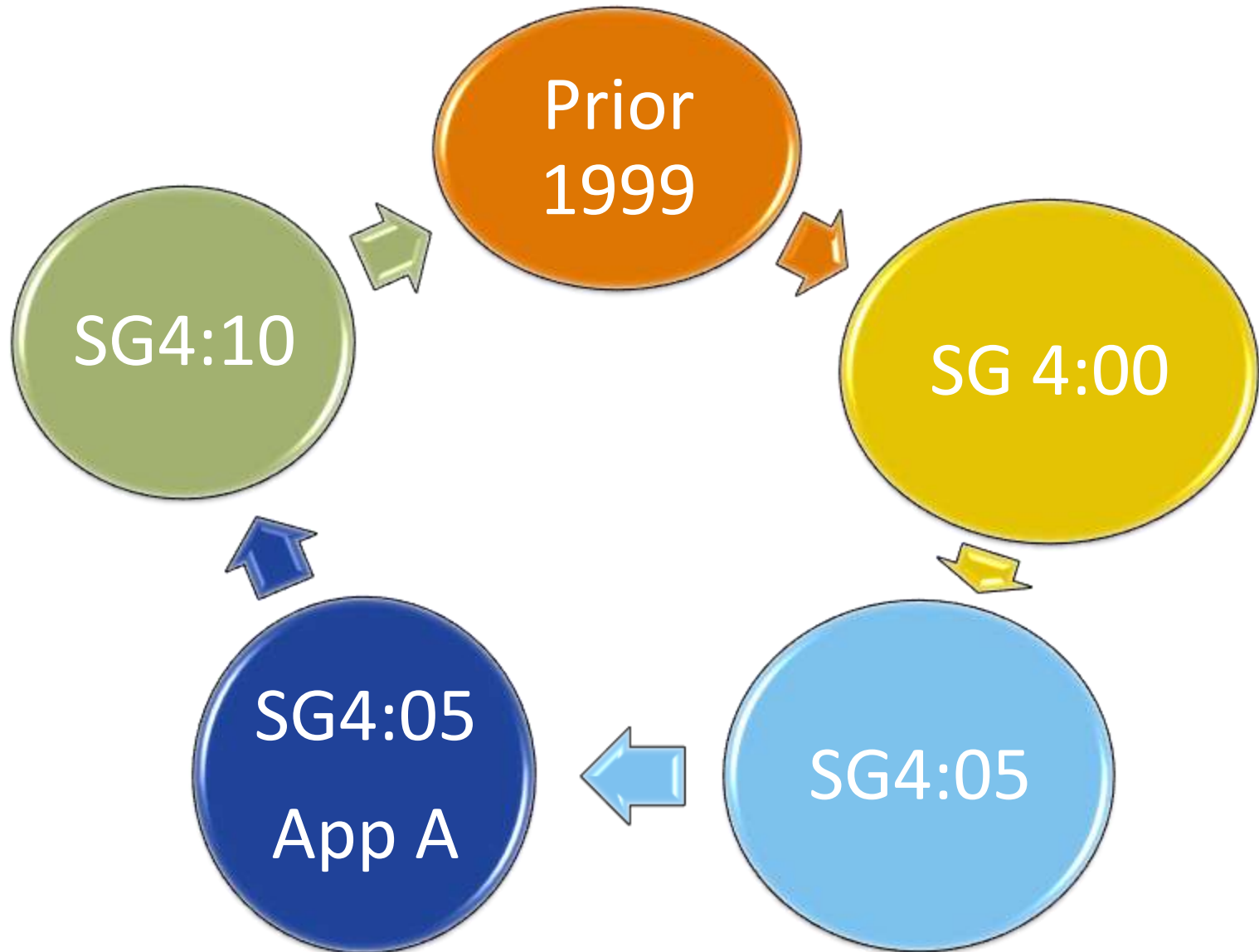
Scottish House Builders Health & Safety Forum

SG 4:10 Preventing Falls in Scaffolding

Presentation By Mark Clarke

Clarke Health & Safety Consultants Ltd

The History of Scaffolders Falling From Scaffolds



Pre-SG4:00









SG4:10

“Have the four SG 4: procedures improved the standard of safety for scaffolders”

“YES”





SG4:10

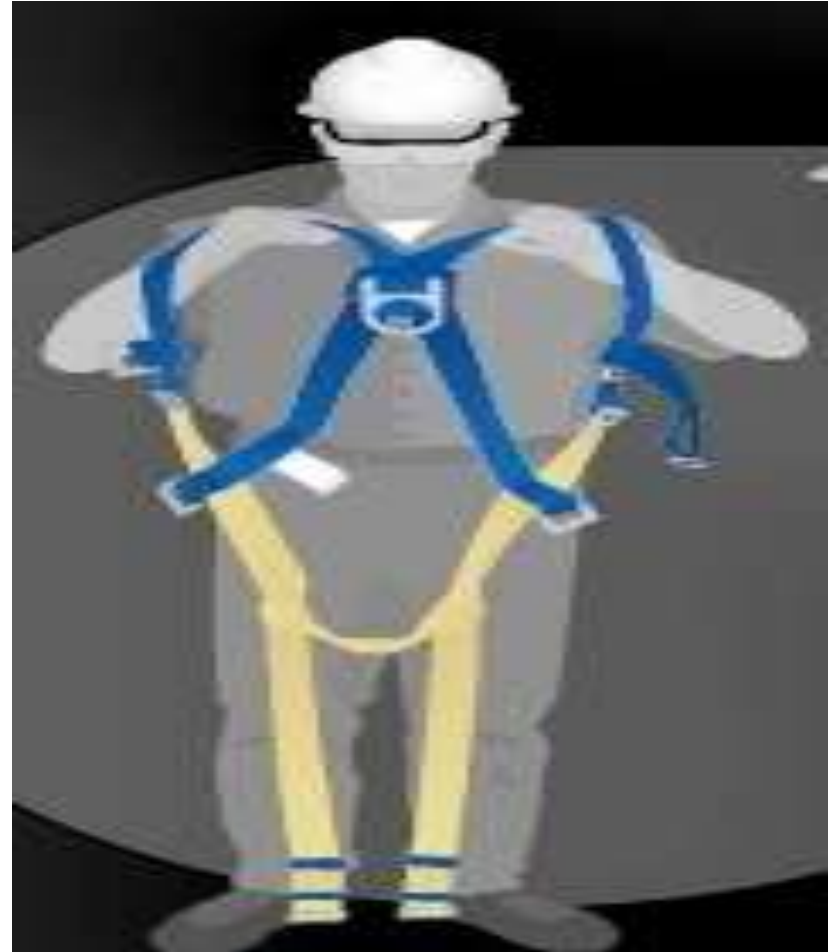
- There are still people who are working on sites and the streets who are putting themselves and other peoples lives at risk



Donning a Harness:

STEP 1

Hold harness up by
shoulder straps and
ensure leg straps hang
free













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SG4:10

- **For the majority of Scaffold Companies SG4:10 is working, there scaffolders are returning home from work each day.**
- **The SG4:10 Safe System of Work is not based on just one system or one method of working**



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EST. 1874 RESTAURANT

Lillywhites

Personnel Prohibition Notice

The scaffolder was not using his
harness



SG4:10

‘Preventing Falls in Scaffolding’

1st January 2011

‘This latest version of SG4 clearly defines the installation and use

SCAFFOLDERS SAFE ZONE

.....for the life of the scaffolding structure as essential.

This safe zone ensures collective fall protection is in place for the vast majority of the scaffolding operation.

HM Chief Inspector of Construction (HSE)
states in his forward in SG4:10 that

“...Whether it is during or post installation of
any scaffolding works, the HSE’ s inspectors
will expect to see clear evidence of
compliance”

YOU HAVE BEEN WARNED

The new SG4 gives a balanced view of
'collective fall prevention' methods for
creating the

SCAFFOLDERS SAFE ZONE

Collective fall protection **MUST** always be
considered ahead of systems that rely on

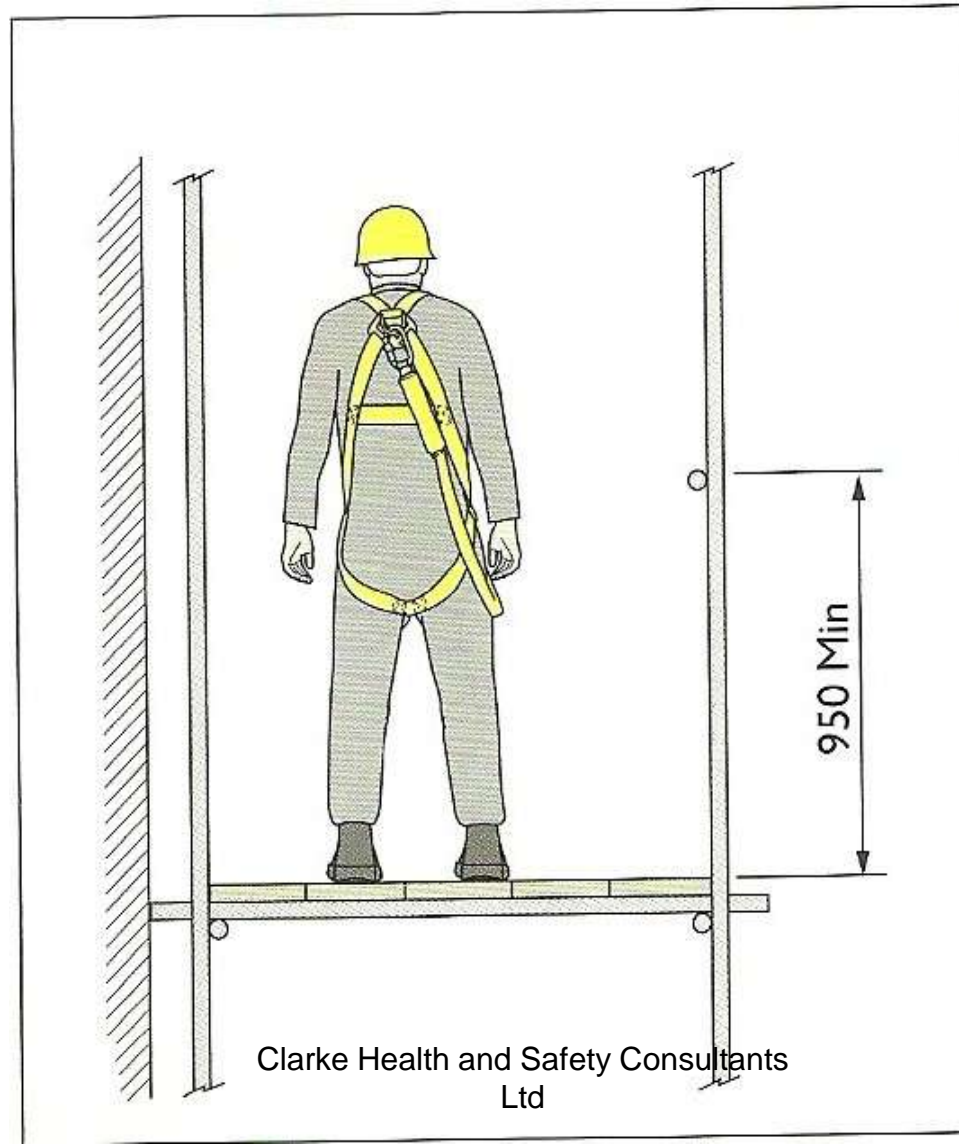
Personal Fall Protection Equipment

The HSE will no longer accept the unprotected
traversing element of the tunnelling method

**YOU MUST USE THIS SYSTEM WITH SUITABLE
EDGE PROTECTION**

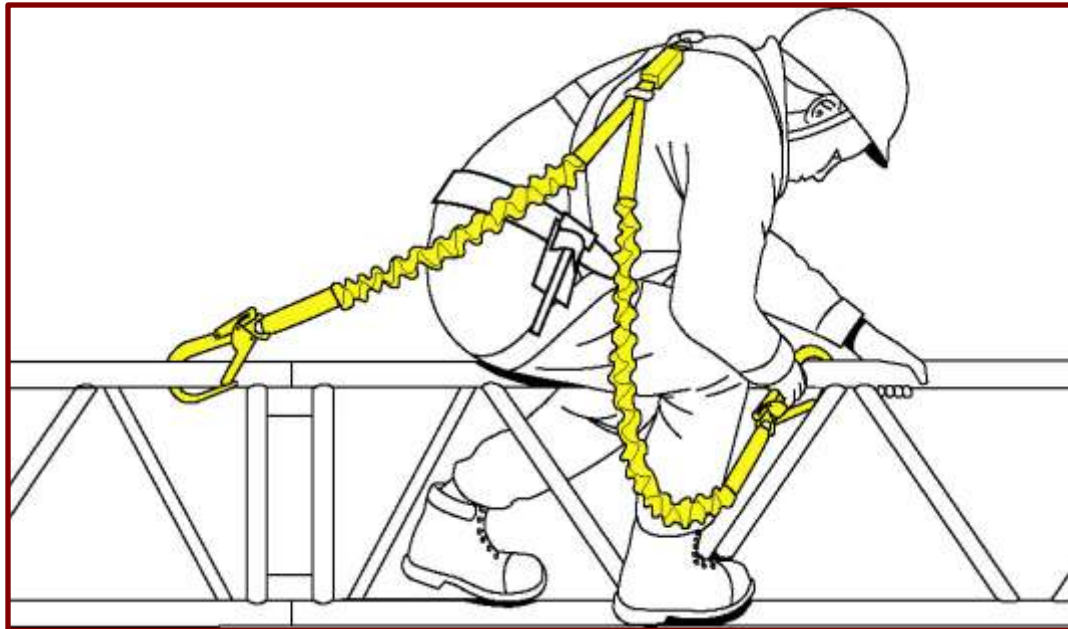
Scaffolder Safe Zone

This is not a working platform – this is your safe zone



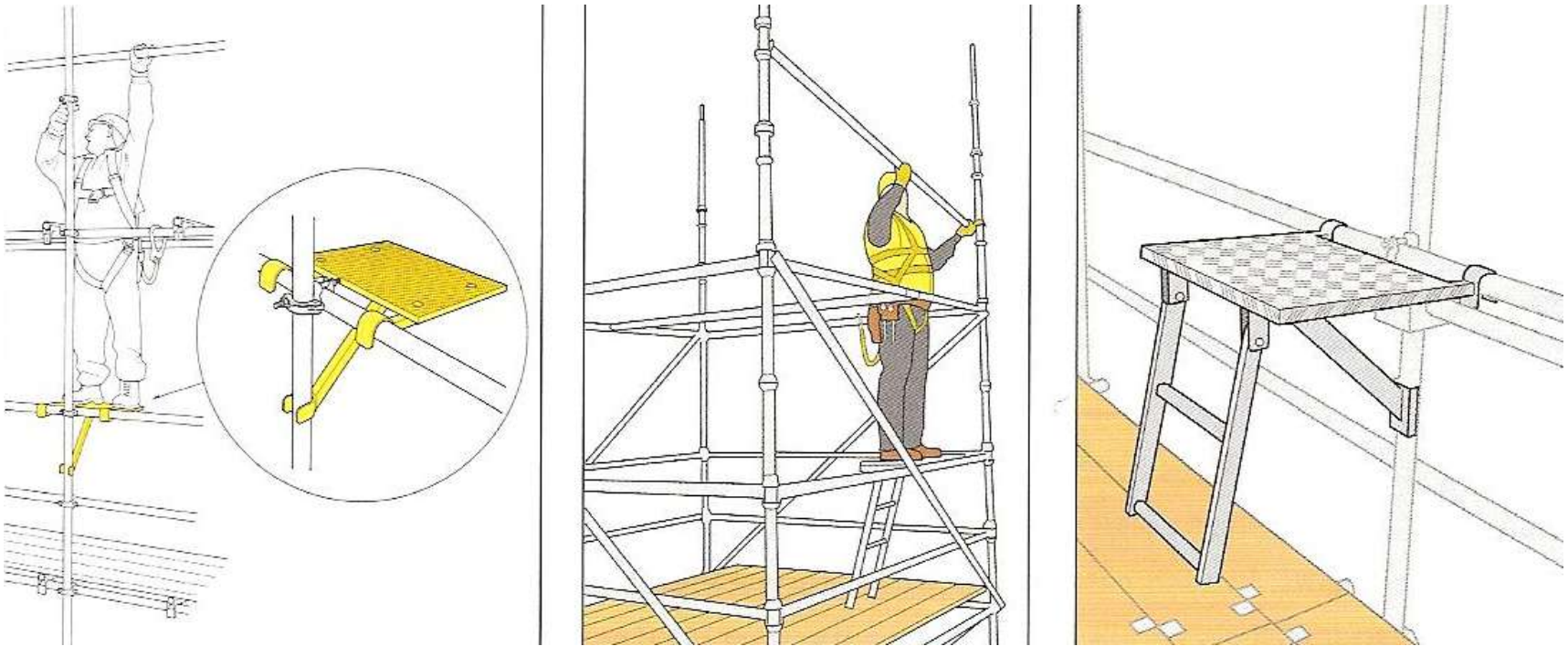
Double Lanyards

- When erecting beams or temporary roofs double lanyards allow the Scaffolder to remain clipped on when crabbing along a beam.
- When using one lanyard, scaffolders should not wrap the other one around their body or attach to toolbelt as this could cause the energy absorbing lanyard to fail. It should be clipped in the same area, hang free or connected to a sacrificial lanyard parking point on the harness.



Scaffolders Step Up's

Proprietary step up's have been designed for the erection of 2m lifts fixed to the standard or guardrail 1m above the working platform.

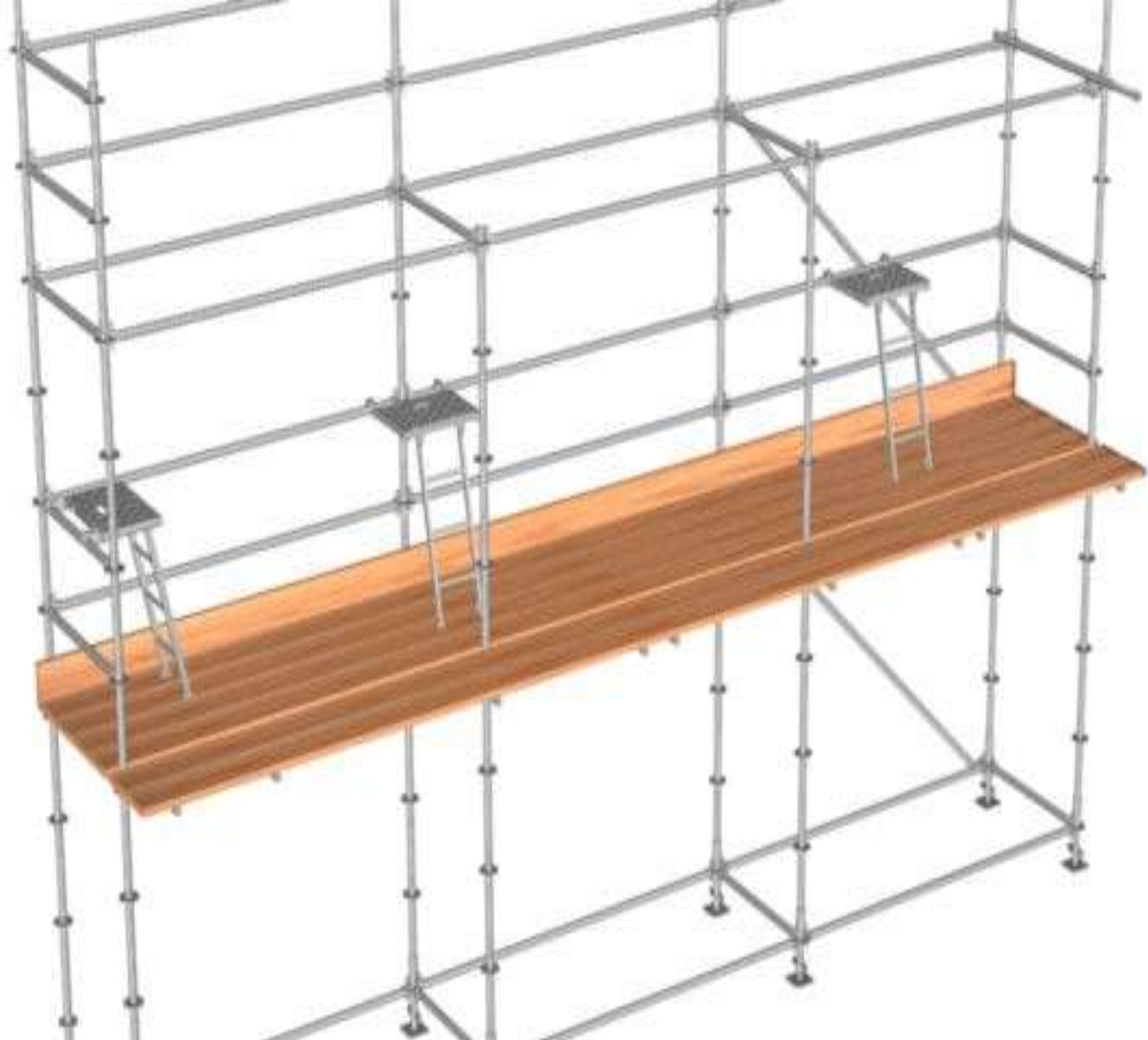




The Scaffolders Safety Step



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Safety Steps







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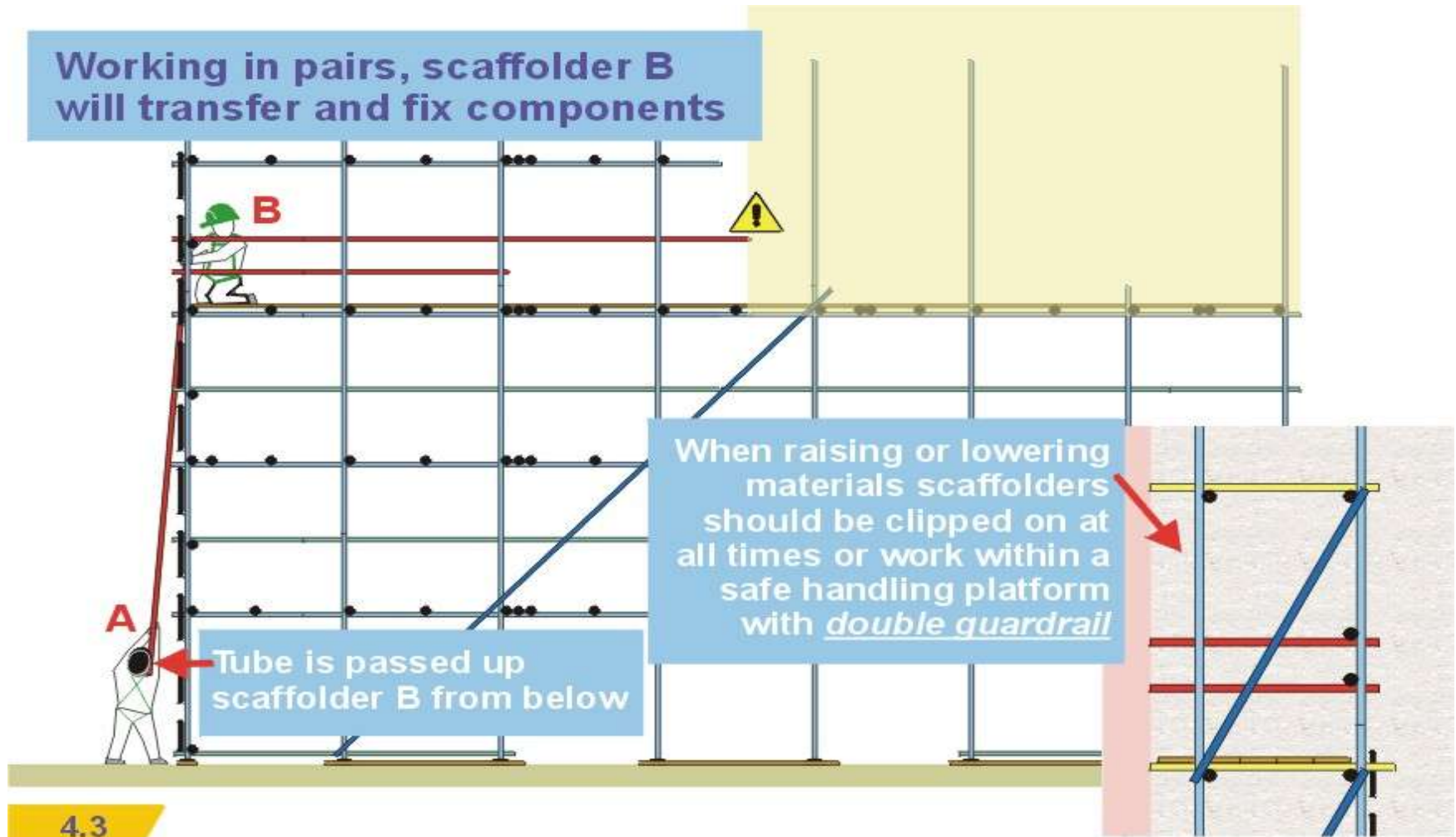
When (moving boards)

Scaffolders **must remain clipped on** when:

- Moving their working platform e.g. when raising or lowering working platform boards
- Climbing up the structure to the next lift
- Working directly off the scaffold structure

NOTE: Scaffolders should not generally be climbing up or down the structure, ladder access should have been incorporated to ensure that scaffolders can safely traverse up and down the structure

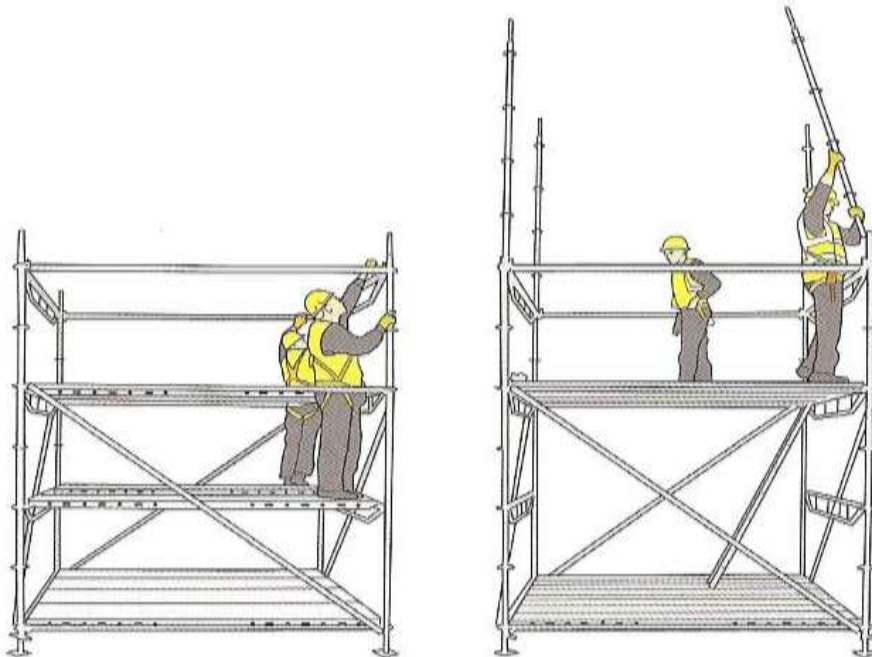
When (safe handling platform)



Short Lift System

By erecting scaffolding using short lift heights (1m) the ledgers of the next lift are erected as normal to form a 2m lift. Then a 1m intermediate lift is formed. As access is gained the ledgers form the next guardrails.

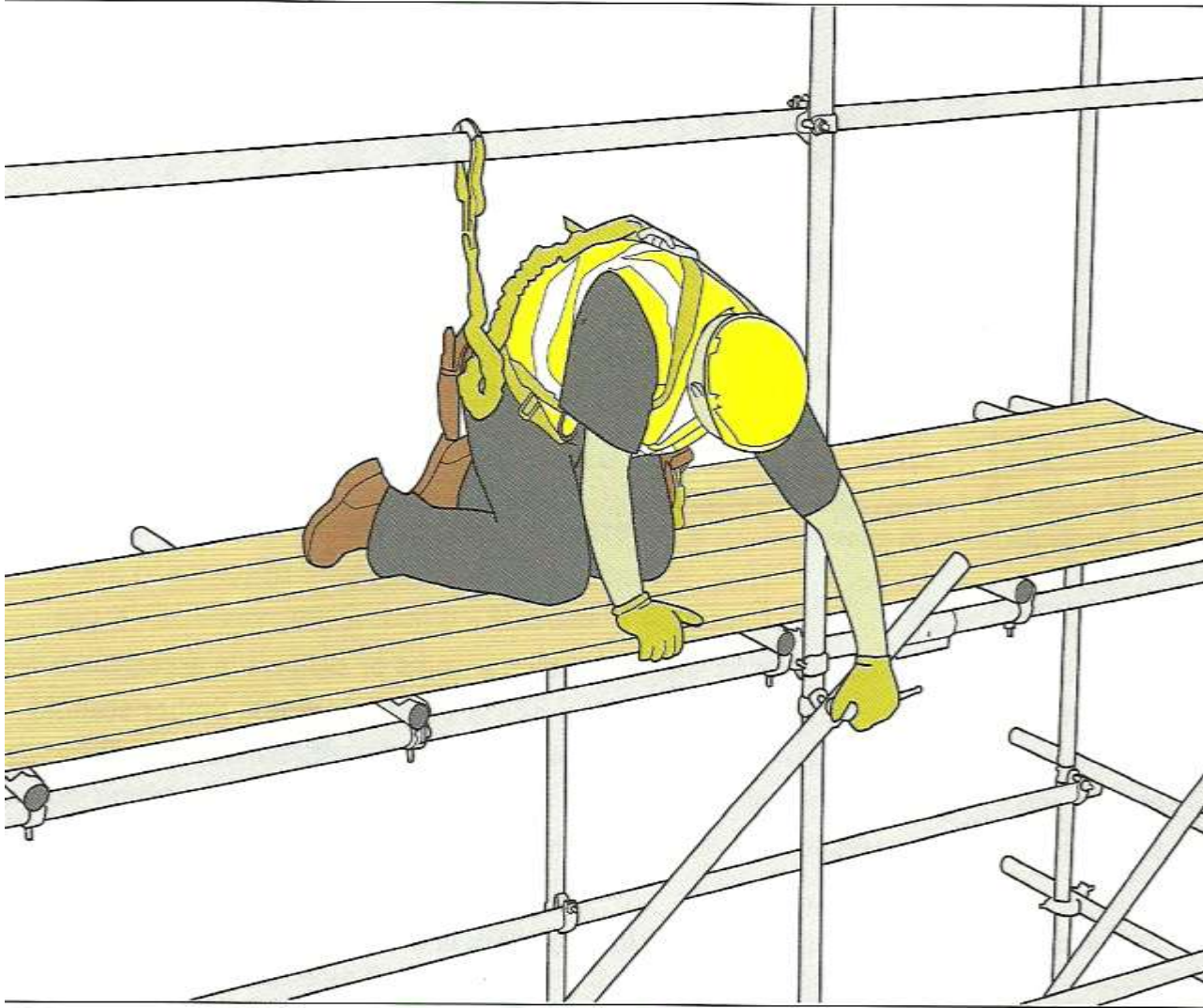
Decking on the temporary intermediate lift can be raised to the next lift and any temporary transoms removed later to provide clear access for other trades on finished working lifts.





Reaching below the platform'

You must have the single guardrail in place and you must be clipped on















What happens after a fall

The Rescue Plan

- Check the rescue plan.
- It must not quote Suspension Trauma
- It must give a site specific sequence of rescue plan

Rescue from height plan



- Are the operatives trained
- Risk Assessment
- Method Statements
- Rescue plan
- Rescue equipment
- Consultation with PC
- Site equipment, MEWP, Crane, Scaffold Towers
- Location of Emergency Services





07/01/2003

