## **TOOLBOX TALK #4**

### Vital GRP

### Safe Working at Height

Prepare: Quiet location? No distractions? Talk aids ready?

**Reason**: Over 40% OF major injuries on construction sites involve falls from heights.

**Why**: 50% of falls over 2 meters end in death. Don't end up as a statistic.

**Outline**: This talk will cover before working o roofs, hazards and safe working at height.



#### **Before Working At Height**

- Before any work or access onto a roof, fragile materials should be identified and precautions decided.
- Roof edge barriers (or scaffolds) must be erected to prevent people and materials from falling.
- Access ladders must extent at least 1 meter about the stepping off point and must be secured.
- Where access ladders rise above 9 meters a safe intermediate platform must be provided.
- Ladders must e rested at the correct angle (1 unit out for 4 units in height)

# Q: What should be identified before work at height starts?

#### **Hazards Of Working At Height**

- If you can fall more than 2 meters guardrails and toe boards must be erected.
- Hazards resulting from adverse weather conditions must be anticipated and suitable precautions taken.
- LPG cylinders should be located at least 4 meters away from heat source. Spare bottles to be kept to a minimum.
- Do not allow rubbish to accumulate as this is liable to cause accidents. Use a chute or lower materials properly.

**NOTES** 

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**NOTES** 

## Safe Working at Height

<ul> <li>Wet, windy or icy weather can seriously affect safety.</li> </ul>	
Q: Above what height must edge protection; toe boards and guardrails be erected?	
Safe Working On Roofs	
<ul> <li>Only competent operatives my be used for roofing works.</li> </ul>	
<ul> <li>Crawling boards or ladders must be provided and used where the roof is liable to collapse under a person's weight or the roof is sloping with a pitch over 10 degrees.</li> </ul>	
<ul> <li>Where work is of short duration and the provision of guardrails and toe boards is impracticable, safety harnesses must be used with suitable anchorage points provided.</li> </ul>	
<ul> <li>If using bitumen boilers they require a drip tray.</li> </ul>	
<ul> <li>Openings must be covered or guarded; if removed from the passage of workers or materials replace immediately.</li> </ul>	
Q: When must crawling boards or ladders be used?	
❖ Do you have any questions for me?	
Question for you	
<b>Q:</b> How far should ladders extend about a stepping off point?	
<b>Q:</b> If work is of short duration what safety precautions should be taken?	

 ${\color{red}\textbf{Sources}} \ \underline{\textbf{Introduction to working at height safely - HSE}} \ \underline{\textbf{The law - HSE}} \ \underline{\textbf{Working at height - HSE}}$ 

**REMEMBER:** There is no safe height to fall from