Work At Heights Toolkit
for Supervisors
For Supervisors

How to use this toolkit?

The toolkit aims to provide information for supervisor to communicate one topic a day to workers.

Pictures are for illustration purposes only.

Green box or a green tick shows the correct practice.

Red box or a red cross shows the wrong practice.
SAFE USE OF PERSONAL FALL ARREST SYSTEM (PFAS)
Get a buddy to check if you are wearing your harness correctly.

The D-ring should be located between shoulder blades.
Ensure that the D-ring on your harness faces the same side as the anchor point.

When using your rear D-ring, the anchor point should be behind you.

If the anchor point is in front of you, ensure that your harness has a front D-ring for you to use.
Ensure that anchor point is secured before starting work.

The anchor point should be secured on structure that has been assessed as safe for use.

Do not start work if the anchor point is not secure.
Ensure that your body harness is the correct fit.

Tighten chest and leg straps so that no more than two fingers can fit between strap and body.
Ensure that your lanyard is anchored at all times.

While being anchored, move to the next anchor point with your second lanyard.

Always maintain 100% tie-off.
Ensure that your lanyard is hooked onto an anchor point at all times.

The lanyard should be hooked on the D-ring of your harness and the anchor point.
INSPECTION OF PERSONAL FALL ARREST SYSTEM (PFAS)
Check that the surface of your harness webbing is not damaged.

Hold the webbing with both hands and bend it into an inverted “U” shape to check for damage.

Do not use the harness if the webbing is damaged.
Inspect your harness before every use.

Inform your supervisor if your harness is loose, worn out or cut.

Do not use the harness if the webbing, D-ring or any parts are damaged.
Ensure that the connector is not damaged.

Check that the locking gear is not stuck.

Do **not** use the connector if any part is damaged.
Inspection of PFAS

Inspect the energy absorber of your lanyard and look out for damaged surface.

Look out for holes, cuts or tears on the outer protective layer of the energy absorber.

Do not use the lanyard if the energy absorber has been activated before.
Check that your equipment has the manufacturer’s label.

Check the expiry date of your equipment. Ask your supervisor if you are not sure.

Inform your supervisor if your equipment has expired.

SAFETY HARNESS
Ref AB 152 01
Size: M-XL
CE 0082

EN 361-2002   EN 358 -2000
Date of manufacture : 03/2003
Serial number: 0000001
Do not make any markings on your harness as it may damage the harness.

Harness must not have any markings, burn marks, cuts or cracks.

Inform your supervisor if there are any markings on the harness.
WORKING ON OR NEAR FRAGILE SURFACES
Report any fragile surfaces in your work area to your supervisor.

A fragile surface is one that **may not** support your weight.

Examples include: roof skylight, rusted metal sheets, glass and plastic roof panels that cover an opening which you can fall through.
Fragile Surfaces

Do not enter an area with fragile surfaces unless you are authorised.

Do not enter if you are not trained or do not understand how to work safely on or around fragile surfaces.

Do not enter if you were not briefed on the locations and hazards of fragile surfaces in your work area.
Fragile Surfaces

Ensure that you are protected before stepping on a fragile surface.

Always follow the safety control measures before you enter an area with fragile surfaces.

Check with your supervisor if you are unsure if a surface is fragile.
Fragile Surfaces

Keep work area tidy to prevent tripping and falling on a fragile surface.

Do **not** place items or tools that may obstruct your walkways and work area.

If you trip and fall on a fragile surface, the sudden and high force may break the surface.
Avoid working alone on or near fragile surfaces.

Always work with a buddy and check on each other’s proper use of safety control measures.

Stay within your buddy’s view and keep in contact with your supervisor.
Fragile Surfaces

Do not place tools and materials on fragile surfaces.

Discuss with your supervisor on how to safely load tools and materials onto your work area.
SAFE USE OF MOBILE ELEVATING WORK PLATFORM (MEWP)
Only operate an MEWP if you are trained and authorised.

When working on a MEWP, always follow instructions from the authorised operator.

Only use the MEWP for the task your supervisor asked you to do.
Safe Use of MEWP

Do not use the MEWP if it is not suitable for the job.

Do not use the MEWP if:
- the ground is too soft, uneven or slippery.
- it is not high enough to reach your work area.
Keep both feet on the work platform at all times.

A. Do not climb onto guardrails.
B. Do not anchor your lanyard to the guardrail.
Safe Use of MEWP

Connect your lanyard to a certified anchor point inside the MEWP.

A: Connect onto proper anchor point, and not to guardrails.

B: Stand on the platform and do not climb on guardrails even when connected.
Do not turn off any safety devices of the MEWP.

Pay attention to any safety alarm when operating and working on your MEWP.

Do not use the MEWP if any of the safety devices doesn’t work.
Protect your MEWP from other moving vehicles in the area.

Inform your supervisor if there are any moving equipment (e.g., crane) near your work area.

Implement control measures (e.g., set up barricade).
SAFE USE OF SCAFFOLDS
Check that scaffold is “Safe for Use” before using.

- Look for the “Safe for Use” tag at the scaffold’s access point.
- Report to your supervisor if you do not see the “Safe for Use” tag.
Do not stand on objects to gain height on a work platform.

Do **not** climb onto guardrails.

Do **not** stand on items placed on the work platform. The guardrails will not be effective to prevent you from falling.
Do not overload the scaffold.

- Do **not** carry unauthorised tools and materials to prevent overloading the scaffold.
- Do **not** crowd on a work platform. Stay within your own work area.
Check that a work platform is safe before stepping on it.

There should be no openings except for the access ladder.

Work platforms should be at least 50 cm wide with no big gaps between.
Safe Use of Scaffolds

Do not move a mobile tower scaffold when anyone is on it.

Do not access or work on a mobile scaffold until all wheels are locked.
Safe Use of Scaffolds

Do not change or remove any part of a scaffold.

Do **not** add or remove any parts of the scaffold.

Inform your supervisor if you are unable to reach your work area.
HOUSEKEEPING
Select the correct tools before working at heights.

- Replace the tool if it is damaged.
- Only bring the tools that are necessary for the task.
Secure hand tools to your body (e.g., using a tool belt) before working at heights.

Place the tools and materials at areas designated by your supervisor.
Organise all objects at the elevated platform properly.

- Tie up all cords, hoses and ropes to prevent tripping.
- Do **not** leave tools, materials and debris all over the work platform.
Do not place items at walkways and access points.

Keep walkways and access points clear at all times.

Be aware of your emergency evacuation route and check that it is not blocked.
Check that your work area has adequate lighting.

- Lighting should be bright enough for you to work safely.
- Clean lighting fixtures regularly. Replace lights that are dim or faulty.
Keep your work area clean to prevent any hazards.

- Clean up your work area after your shift.
- Do **not** leave items that may cause slips or trips on the work platform.
SAFE USE OF LADDERS
Safe Use of Ladders

Check that the ladder is safe before using.

Ensure all spreaders are able to extend fully.

Always check that the ladder is not damaged before using.
Ensure that the ladder is stable before using.

- Base of the ladder should be secured.
- Place the ladder on stable and level ground.
Safe Use of Ladders

Do not stand on the top rung of a ladder.

The ladder’s height must be suitable so that you do not overstretch.
Always maintain 3-point contact.

3-point contact refers to using two hands and one leg or one hand and two legs on the ladder.

Do not lean away from the ladder.
Choose a ladder that is suitable for the job.

Do **not** use items such as chairs or boxes to replace a ladder.
Safe Use of Ladders

Set up the ladder at a safe place.

Do not set up ladders in passageways, doorways or near the edge of an open floor or on scaffolding.
ACCESS AND EGRESS
Access and Engress

Keep access and egress points clear at all times.

Check that the access and egress area is well-maintained and not blocked.
Know the access and egress points for your work area.

Always be aware of your access and egress routes.

Follow the directions to exit during emergencies.
Clean up any slips hazards along your access route.

For spills on a small area, use proper equipment to clean up.

- Check with your supervisor if you are unsure what the spilled chemical is.

For big spills, inform your supervisor and get help to clean up.
Access and Engress

Do not access a restricted area if you are not authorised to enter.

Do **not** enter a restricted area you are not assigned to work in. There may be hazards that you are not aware of.
For ladder access to another level, check that it extends 1 metre above the landing point.

The ladder extension above the landing point provides a secure handhold.
Access and Egress

Keep your hands free when climbing.

Always hold on onto the handrails when climbing.
WORKING NEAR OPEN SIDES
Understand the control measures if you are working near an open side.

You must be trained on how to work safely near an open side, for example, using travel restraint properly.
Do not use an unprotected stairway to access your work area.

Report any unprotected stairways to your supervisor. All stairways should be protected with handrails.
Working Near Open Sides

Report any unguarded openings to your supervisor.

- Openings should be securely fenced or covered to prevent falling hazard.
- Openings should be guarded at all times, even during breaks.
Working Near Open Sides

Do not remove any guardrails unless instructed by your supervisor.

Always follow all safety control measures when removing any guardrails.
Do not move a cover for an opening as you will create a falling hazard.

Covers for openings should be secure and not easily removed.
Ensure that the guardrails and covers are in good condition before you start work.

Inform your supervisor immediately if you see any missing, incomplete or damaged guard rails or covers.
WORKPLACE HEALTH
Do not work at heights if you are feeling unwell.

Inform your supervisor if you are not feeling well or have to take medicine that will cause drowsiness.
Take regular breaks and drink enough water when working under the sun.

- Limit exposure to direct sunlight where possible.
- Rest under shade during your break time.
Wear ear protection when working in noisy areas.

Insert ear plugs properly.
Maintain correct posture when performing your work.

Take regular breaks when possible to relax your muscles.

Do not work in over-stretched position.
Before using the chemicals, know their hazards and safety measures.

Wearing the correct PPE will help prevent contact with harmful chemicals.
Workplace Health

Keep your back straight and bend your knees when you lift items.

Do **not** lift with your back as it may cause back injury.
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Published in March 2016 by the Workplace Safety and Health Council in Collaboration with the Ministry of Manpower

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