

Risk Assessment for Scaffolders

1 **Site & Location**

2 **Work Activity:**

Scaffolding

3 **Hazards**

Risks

A **Working at Height**

Fall of person(s)
Fall of materials and debris

Contact with overhead obstructions or electric cables.
Being struck by vehicles

Fatal/serious Injuries,
Head, body and foot injuries, particularly if public in vicinity.

Electrocutions or burns.
Fatal/serious injury.

B **Handling of Materials**

Manual Handling
Un even footing
Falling materials

Strains / Back Injuries.
Low-level trip, slip or fall.
Head, hand, foot injuries.

C **Ladders & Step Ladders**

Fall of persons
Ladder slipping
Falls of materials/equipment

Head, body injuries.
Possible fatality.
Persons being injured by falling objects.

D **Use of a Safety Harness and Lanyard other than for confined Entry and Scaffolders**

Falls of persons

Serious or Fatal Injury caused by:
Failure of equipment.
Non connection of lanyard.
Striking objects before fall is arrested.
Injury to body when fall is arrested Brain damage due to reduction of blood supply caused by pressure of harness.

E **Use of a Scaffolding**

Falls of persons
Falls of materials
Collapse of structure
Unauthorised use
Lightening strike/overhead cables

Fatal injuries.
Head and foot injuries, especially to members of the public.
Crushing injuries.
Electric shock and burns, fire.

F Loading/Unloading of Lorries and trailers

Fall of persons from lorry/trailer or load.
Movement of load or part load.
Tripping/slipping on vehicle.
Overloading of vehicle
Fall of material.

Serious or fatal injury.
Trapping/crushing injury, instability of vehicle.
Cuts and bruises.
Impaired road handling, breach of law.
Injury to pedestrians and other road users.

G Working on Occupied premises

Existing "live services"
Clients Employees
Work area's

Electric shock, Gas and water leaks
Injury to clients Employees

H Working on Fragile roofs

Falls of persons
Falls of materials and equipment
Access/Egress across fragile material

Fatal injuries
Injuries to head, feet, body.
Injuries/ damage to persons, equipment etc.
below works area.

I Use of power tools

Dust
Noise
Vibration
Rotating / Moving Machinery

Respiratory irritation and disease.
Noise induced deafness.
Vibration White Finger.
Cuts to hands and injury to face and other parts of the body from flying debris. Entrapment of clothing in machine.

4 Other Hazards

- 1.
- 2.
- 3.

5 Persons at Risk

Operative Co-Workers Public

6 Control Measures

A Working at Height

- Firm secure working platform, scaffold or tower scaffold is the safest form of access equipment.
- If the above can not be used Safety nets, airbags, or crash decks will need to be in place.
- Stepladders to be used only when issued with a permit.
- Ladders only to be used as a means of access. No tools to be carried up ladders.

B Handling of materials

- Materials to be loaded in/out close to the point of lift.
- Mechanical aid to be used where possible
- Gloves to be worn when handling materials that are likely to cause injury to hands.
- Route of carriage of materials to be clear from tripping hazards / obstructions.
- Materials not to be lifted above people.
- All materials to be stored in a safe manner on a suitable surface. Brick guards to be in place when storing on scaffold.

C Ladders & Stepladders

- Access ladders must be tied at the top and footed or secured at the bottom.
- Steps standing on firm, level, non-slippery surface (not frosty, smooth concrete, hardboard etc.)
- Ensure steps fully opened out and locked.
- Do not use if damaged, cracked etc, if label shows inspection overdue or if label missing (Group ladders)
- Do not attempt to move ladder whilst persons or material still on it
- Do not use ladders to support other platforms, scaffold boards etc.
- Do not carry materials up ladders or steps.
- Do not place loose items on a stepladder, attach it securely and remove before moving steps.

D Use of safety Harness and Lanyard other than confined entry

- ❑ Safety harnesses to be used as sole safeguard only if safer alternatives (e.g. nets, crash decks, MEWPS and tower scaffolds etc) cannot be used.
- ❑ Where ever possible, safety harnesses should be used in fall prevention mode, i.e. lanyard just long enough to working position, not long enough to fall from edge.
- ❑ All harnesses and lanyards to be thoroughly examined by a competent person every 6 months and inspected weekly (when in constant use) or before use and the result recorded.
- ❑ Training and instruction of users.
- ❑ Work to SG: 04 05 at all times.

E Use of Scaffolding

- ❑ Secured Ladders
- ❑ No removal of guardrails unless other safeguards against falling first provided.
- ❑ Ladder access gaps in platforms staggered and protected with guardrail and self closing gate etc.
- ❑ Guardrails at least 950mm above all platforms.
- ❑ No gaps in guardrail over 470mm wide at any side of platform.
- ❑ Check scaffold boards for defects regularly for significant damage – cracks, cuts, notches, rot etc.
- ❑ Access to incomplete areas prevented.
- ❑ Scaffolds to be erected altered or dismantled under direct supervision of CISRS qualified scaffolder.
- ❑ Handover certificate required before the use of any part of the scaffold.
- ❑ Scaffold checked after bad weather damage etc.
- ❑ Local authority licence for scaffold in public road.
- ❑ Statutory inspection and reports.
- ❑ Security of site.
- ❑ All scaffold to be installed to TG 20:08

F Loading/Unloading of Lorries and trailers

- ❑ Crane or forklift into sides of trailer.
- ❑ Prevent fall or provide soft landing/guardrails
- ❑ Avoid going on to the lorry/trailer.

G Working on Occupied Premises

- ❑ The contract Manager must obtain information from the building Occupier on “Live” Services and any hazards or special requirement associated with the building and clients operations. Services in any work areas that need to be left live must be protected against damage and clearly marked as “Live”.
- ❑ Continued liaison will be required to ensure that the client/occupier is made aware of any work which may affect his undertakings of his employees or visitors to the premises.
- ❑ Work area accessible to the occupants are to be made safe when left unattended, tools equipment, materials etc. are to be kept clear of walkways and all tools equipment are to be removed to secure storage at the end of shift or working day.

H Working on Fragile Roofs

- ❑ Do not work on fragile material. Make work area safe and secure by either installing protective covers or cordon off areas/fragile materials.
- ❑ Barriers and signs will be placed below work area.
- ❑ Safe access to work area will be provided by the use of roof ladders, crawling boards, scaffolding or staging.
- ❑ Where access to adjacent to fragile materials, these are to be protected by boards etc up to 2m from the access route (Clients responsibility).
- ❑ When safety harnesses and fall restraint system are used, the equipment is to be checked by a competent person before work commences to ensure the equipment is serviceable for the purpose.

I Use of Power Tools

- ❑ Work processes are to be monitored to ensure safety operatives, co-workers and any other persons who may be affected.
- ❑ Respiratory protective equipment is to be worn if there is a risk of inhalation.
- ❑ Ear protection is to be worn if noise levels exceed 80 dba
- ❑ Select equipment with the lowest HAV for the task.
- ❑ Attach label to machine giving the maximum working time for the day.
- ❑ No person to exceed the maximum working time.
- ❑ Gloves to be worn in cold weather.
- ❑ Job rotation to be in place to minimise exposure.
- ❑ All operatives to be in possession of certificate of competence and 18 years or more old.

Personal Protective Equipment Required:

Safety Helmet	Safety Boots	Safety Harness	Overalls	Ear Defenders	Visor / Goggles	Respirator	Gloves	Hi-Vis
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
