



Flat Roof Pre-access Hazard Identification Report

01.007 PHYSICAL SCIENCES

Date undertaken 25th October 2021

Prepared for

University of Warwick,
Coventry,
CV4 7AL

Prepared by

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On behalf of University of Warwick
Estates

Executive Summary

Building 01.007 Physical Sciences, Central Campus

Key Hazards

- Slips, trips and falls around the site. There are no designated walkways across the roof, however it is all laid to three-layer SBS BUR felt and plant is well-spaced out and easy to access. The surface may become slippery during wet or icy weather, especially if moss or weeds are allowed to build up. There are some trip hazards such as a change in level on the lower roof (see photo), cable trays and roof vents but these are easily visible during daylight. The roof is on two levels with a metal hand railed stairway leading between the two levels.
- High winds and gusts; your permit may be cancelled if winds are forecast to be above the UoW action level at the time of the permit, but you must always adequately risk assess weather hazards for your own purposes.
- Falls from height; the main roof has a low parapet wall on all sides with edge protection installed to the Northeast side, rear and part of the front. There is no guardrail to a large section of the front and Northwest side of the building (see photo). There is also a gap in the edge protection on the Northeast side between the two levels and the lightning protection strip runs outside of the guardrail (see photo). Consideration should be given to the potential for falls from height in terms of operatives, materials and tools, especially in high winds.
- Falls from height: Access to the roof is via a fixed metal hooped vertical ladder. Adequate consideration must be given for transporting tools, equipment and materials onto the roof while maintaining three points of contact on the ladder.

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1. BRIEF

This report is provided as a record of our inspection of access routes and identification of hazards in accessing and being on the flat roof sections of the Physical Sciences Building, Building Number 01.007. Site specific risk assessments for access to the work area and the work to be undertaken are the responsibility of those undertaking the work. This report is not a risk assessment; it is intended to provide a helpful guide to identify known hazards associated with accessing and attendance on the roof. The list of hazards is not exhaustive and is not a substitute for anyone undertaking their own risk assessment. Contractors are expected to comply with current Health and Safety Legislation and to have met all other requirements of the University in working on Campus (read and signed the Code of Conduct for Contractors, watched the University Code of Conduct video, received a local induction etc.) under separate cover.

2. DATE OF INSPECTION

25th October 2021

3. ACCESS

- 3.1 A roof access permit will need to be requested with suitable RAMS at least 72 hours before it is required for any planned work. If approved, the permit is issued to the permit requester via email, usually the day before it is required. If a roof access card is required, the Permit Office issues instructions to the permit requester to say how this should be collected. Contractors should sign in on site as agreed with their Contract Supervisor. For this roof you will require; a roof access permit, the code for the door to the common room on the first floor and a Salto roof access card for the ladder guard.
- 3.2 When you reach Physical Sciences, you will need to approach from the North-West side and access the building through the front doors. There is no reception to sign in at this building.
- 3.3 Proceed up the stairs to first floor (a lift is available if you need it). Once at the top of the stairs turn right and right again through the double doors (you will see the fixed vertical ladder through the window on your right) (see photo). You will find a Co-door controlled single leaf door to a common room on your right (see photo). Key in the code provided and access through the door. There is a door to the right which leads onto a roof terrace (this should be unlocked).
- 3.4 Once on the terrace, you will see a fixed vertical hooped ladder to your right with a ladder guard (see photo). Use the Salto card to unlock the geo lock and remove the guard to access the ladder to the main roof. The ladder guard and lock must be secured and checked before leaving the roof area.

4. PARKING

Parking is very limited on campus. The nearest car parks are 9 and 10 (CP204) which are payable. Specialist contractor parking may be pre-booked with your University Contact/Project Manager if you are eligible.

5. WELFARE

- 5.1. The welfare facilities in Physical Sciences are available for your use. There are WCs on the ground and first floor.
- 5.2. There are various shops & coffee shops nearby the site for food and drink.
- 5.3. There must be at least one first aider on site at all times which should be organised by the Competent Person. Lone working on roofs is prohibited.
- 5.4. There must be an adequate first aid kits provided by the Competent Person.
- 5.5. Waste must be collected and disposed of appropriately by the Competent Person. If the Competent Person is an external contractor, they should remove any waste from the site and dispose of it according to their company policy. University employees should remove any waste or redundant equipment from the roof area and dispose of it according to University policy and guidance.

6. SEASONAL INFORMATION

- 6.1. The site is in its best condition from May to September in which it is typically mostly dry.
- 6.2. It must be taken into consideration by the Competent Person that in wet or freezing conditions throughout the year the ground and roofs may present an additional risk of slips, trips, and falls.
- 6.3. In the autumn and winter months, it will be dark at the extremes of the working day and low light conditions may occur throughout the day. Temporary lighting may be required. This will need to be assessed by the Competent Person.
- 6.4. In spring, summer and early autumn, operatives should ensure to protect against UV skin damage.

7. GENERAL HAZARDS

- 7.1 Slips, trips and falls around the site. There are no designated walkways across the roof, however it is all laid to three-layer SBS BUR felt and plant is well-spaced out and easy to access. The surface may become slippery during wet or icy weather, especially if moss or weeds are allowed to build up. There are some trip hazards such as a change in level on the lower roof (see photo), cable trays and roof vents but these are easily visible during daylight. The roof is on two levels with a metal hand railed stairway leading between the two levels.
- 7.2 High winds and gusts; your permit may be cancelled if winds are forecast to be above the UoW action level at the time of the permit, but you must always adequately risk assess weather hazards for your own purposes.

8. OVERHEAD CABLES

8.1 There are no overhead cables on this site.

9. SITE SPECIFIC HAZARDS

9.1 Falls from height; the main roof has a low parapet wall on all sides with edge protection installed to the Northeast side, rear and part of the front. There is no guardrail to a large section of the front and Northwest side of the building (see photo). There is also a gap in the edge protection on the Northeast side between the two levels and the lightning protection strip runs outside of the guardrail (see photo). Consideration should be given to the potential for falls from height in terms of operatives, materials and tools, especially in high winds.

9.2 Access to the roof is via a fixed metal hooped vertical ladder. Adequate consideration must be given for transporting tools, equipment and materials onto the roof while maintaining three points of contact on the ladder.

10 APPENDIX A: SITE PICTURES

	
<p>First floor double doors (roof ladder on right)</p>	<p>First floor internal access corridor</p>
	
<p>Roof access ladder</p>	<p>Change in roof levels & missing guard rail</p>

FLAT ROOF PRE-ACCESS HAZARD IDENTIFICATION REPORT



Missing guard rail



Gap in edge protection

11 CAMPUS ORIENTATION



