



Flat Roof Pre-access Hazard Identification Report

01.027 SCIENCE BLOCK A

Date undertaken 31st January 2024

Prepared for

University of Warwick,
Coventry,
CV4 7AL

Prepared by

Samual Archer BSc. (Hons.) MSc.
MRICS
&
Phil McGarry Compliance Surveyor
(Statutory)

Executive Summary

01.027 Science Block A, Central Campus

Key Hazards

- **Noxious Gasses** – Before proceeding onto this roof, authorisation and prior arrangement must be made via the 'Deputy Technical Services Facilities Manager, Chemistry' and 'Technical and Facilities Manager, School of Engineering' as there are flues that have the potential to vent fumes hazardous to health. The prior arrangement will ensure these are 'switched off' during your time on the roof. **Please check in with one of them on site before accessing the roof.**
- Slips, trips and falls around the site. There are no set out walkways for this roof, it is open plan. The roof flooring comprises slabs and there are areas where slabs are not aligned properly with the floor level or have been left stacked, after removal so present a trip hazard.
- High winds and gusts; your permit may be cancelled if winds are above the UoW action level but you must always adequately risk assess weather hazards for your own purposes.
- Falls from height; whilst there is edge protection in place, consideration should be given to the potential for falls from height in terms of operatives, materials and tools, especially in high winds.
- Access to the roof is via a working office. Consideration should be given to minimise disruption especially when transporting materials.
- Falls and trips onto PV Panels, cable trays and other plant. Under no circumstance should the PV panels or any other plant, be stood upon.
- Some of the edge protection supports along with weights are within the walkways. Care should be taken to avoid these as they present a trip hazard.
- Vegetation is growing throughout and could be a trip or slip hazard.

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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 Building No. 01.027, Science Block A. 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 access and 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 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, watched the University Code of Conduct video, received local induction etc.) under separate cover.

2. DATE OF INSPECTION

31st January 2024

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 permit, a Salto roof access card and general access card.

3.2 Before proceeding onto this roof, authorisation and prior arrangement must be made via the 'Deputy Technical Services Facilities Manager, Chemistry' and 'Technical and Facilities Manager, School of Engineering.' **Please check in with one of them on site before accessing the roof.**

3.3 Enter the building via the 'Chemistry' entrance off Library Road, turn left and proceed up the main stairwell to the 5th floor.

3.4 Exit the stairwell onto the 5th floor lift lobby and turn right, then enter the office door straight ahead of you.

3.5 Once in the office, use your Salto roof access card to open the door straight ahead of you to exit out onto the roof. Please ensure that this door is kept closed and secured at all times.

4. PARKING

Parking is very limited on campus. The nearest car park is **Car park 8 and 8a** which is payable. Specialist contractor parking may be pre-booked with your University Contact/Project Manager if you are eligible.

5. WELFARE

5.1 Access to the welfare facilities in Science Block A are available for your use.

5.2 There are various shops & coffee shops near by 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 provision of 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 user 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. The Competent Person will need to assess if temporary lighting may be required.

6.4 Operatives should wear appropriate clothing for the weather conditions and 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 uneven and missing slabs from the roof causing trip hazards. Numerous cable trays across the roof at floor level

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.

7.3 Falls from height: whilst partial edge protection is in place, consideration should be given to the potential for falls from height in terms of operatives, materials and tools, especially in high winds.

8. OVERHEAD CABLES/PIPEWORK

8.1. No overhead pipework or cables on this site.

9. SITE SPECIFIC HAZARDS

9.1 Noxious Gasses – Before proceeding onto this roof, authorisation and prior arrangement must be made via the ‘Deputy Technical Services Facilities Manager, Chemistry’ and ‘Technical and Facilities Manager, School of Engineering’ as there are flues that have the potential to vent fumes hazardous to health. The prior arrangement will ensure these are ‘switched off’ during your time on the roof. **Please check in with one of them on site before accessing the roof.**

9.2 Slips, trips and falls around the site. There are no set out walkways for this roof, it is open plan. The roof flooring comprises slabs and there are areas where slabs are not aligned properly with the floor level or have been left stacked, after removal so present a trip hazard.

9.3 High winds and gusts; your permit may be cancelled if winds are above the UoW action level but you must always adequately risk assess weather hazards for your own purposes.

9.4 Falls from height; whilst there is edge protection in place, consideration should be given to the potential for falls from height in terms of operatives, materials and tools, especially in high winds.

9.5 Access to the roof is via a working office, consideration should be taken to thoughts of access and egress to minimize disruption and to allow for material transportation.

9.6 Falls and trips onto PV Panels, cable trays and other plant. Under no circumstance should the PV panels or any other plant, be stood upon.

9.7 Some of the edge protection supports along with weights are within the walkways. Care should be taken to avoid these as they present a trip hazard.

9.8 Vegetation is growing throughout and could be a slip or trip hazard.

Appendix A: Site pictures



Chemistry entrance off Library Road



5th floor entrance from stairwell



Office door room B.505 from 5th floor lift lobby



B.505 Office roof access door (Salto)



Roof overview, trip hazard edge protection weights



Loose slabs causing trip hazard along with resulting holes at floor level



PV Panels



Typical Chemistry/Engineering flue

10. CAMPUS ORIENTATION

| Red Triangle = Parking | Red Circle = 01.027 Science Block A

