



Flat Roof Pre-access Hazard Identification Report

01.029 SCIENCE BLOCK C

Date undertaken 16th January 2024

Prepared for

University of Warwick,
Coventry,
CV4 7AL

Prepared by

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

Executive Summary

01.029 Science Block C, Central Campus

Key Hazards

- **Dangerous/harmful gasses!** Local exhaust ventilation and fume cupboards extract to this roof so arrangements must be in place for these to be made safe. This roof may only be accessed during times specified by the Chemistry team and Permit Office. **Under no circumstances should the vertical ladders be used to access Science Block B roof unless you have been approved to do so.**
- 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 some of these slabs are slightly raised and caution should be taken when moving around.
- 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 in places is restricted and narrow so adequate consideration must be made for tools, equipment and materials to be moved to the roof internally or externally.
- Falls and trips onto plant, equipment and cable trays. Under no circumstance should these be stood upon.
- Plant and ductwork at head height, care should be taken when moving around site.
- Cables, cable trays and pipework run at floor level which present a significant trip hazard. Care should be taken when moving around site.

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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. **01.029 Science Block C**. 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

16th 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 and a Salto roof access card. Prior arrangement with the Deputy Technical Services Facilities Manager for Chemistry must also be made before attending site. **YOU MUST only attempt roof access during the times stated by the Deputy Technical Services Facilities Manager and indicated on your permit.**

3.2 Enter the building via the 'Chemistry' main entrance doors off Library Road and then proceed left and enter the main stairwell to the 6th floor.

3.3 Use your Salto card to enter the 6th floor kitchenette and go through the office door on your left (**room No. B600**). Please note, this is a working environment and consideration should be made for noise levels and access times.

3.4 Once in room '**B600**' the roof entrance door is directly opposite. Use your Salto fob to open it and ensure the door is locked behind you while you are on the roof and when you are leaving the roof.

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 C are available for your use. Other University buildings are prohibited.

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 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 There are several vents, ductwork and other structures at head height, care should be taken when moving around site.

9. SITE SPECIFIC HAZARDS

9.1 **Dangerous/harmful gasses!** Local exhaust ventilation and fume cupboards extract to this roof so arrangements must be in place for these to be made safe. This roof may only be accessed during times specified by the Chemistry team and Permit Office. **Under no circumstances should the vertical ladders be used to access Science Block B roof unless you have been approved to do so.**

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 some of these slabs are slightly raised and caution should be taken when moving around.

9.3 Access to the roof in places is restricted and narrow so adequate consideration must be made for tools, equipment and materials to be moved to the roof internally or externally.

9.4 Falls and trips onto plant, equipment and cable trays. Under no circumstance should these be stood upon.

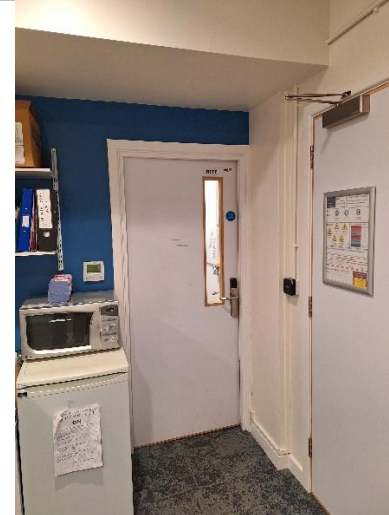
9.5 Plant and ductwork at head height, care should be taken when moving around site.

9.6 Cables, cable trays and pipework run at floor level which present a significant trip hazard. Care should be taken when moving around site.

Appendix A: Site pictures



6th floor kitchenette entrance



6th floor kitchenette room B600.



Roof access door with Salto in B600



Head height duct work



Access ladders leading to Science Block B roof



General plant and ventilation



Example of narrow space between ducting



Example of raised slabs and cable trays



Example of edge protection



Typical plant and cable trays



Pipework at floor level



Lift motor room access door (Salto)

10. CAMPUS ORIENTATION

| Red Triangle = Parking | Red Circle = Science Block C

