



Flat Roof Pre-access Hazard Identification Report

01.030 SCIENCE BLOCK D

Date undertaken 24th January 2024

Prepared for

University of Warwick,
Coventry,
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Prepared by

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Executive Summary

01.030 Science Block D, Central Campus

Key Hazards

- **Access must be approved by 'Technical and Facilities Manager, School of Engineering' before making access to the roof due to noxious gasses from scientific processes being vented.**
- Slips, trips and falls around the site. There are no set out walkways for this roof, it is open plan. The roof flooring comprises a bituminous roof felt material and there are areas where the roof level changes slightly, that may cause trip hazards. There are also areas with water pooling and green algae/moss which may be slippery, particularly in icy weather.
- 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.
- Falls and trips onto skylights, pipework, cable trays and other plant. Under no circumstance should the cable trays, pipework or skylights be stood upon.
- There are some gantries in place to facilitate access across pipework in places; please ensure these are used when traversing the roof.
- Part of the roof does not contain a gantry to traverse over pipework and cabling, Care should be taken when crossing here.

CONTENTS

1. BRIEF	4
2. DATE OF INSPECTION	4
3. ACCESS	4
4. PARKING	5
5. WELFARE	5
6. SEASONAL INFORMATION	5
7. GENERAL HAZARDS	6
8. OVERHEAD CABLES	6
9. SITE SPECIFIC HAZARDS	6
10. APPENDIX A: SITE PICTURES	7-10
11. CAMPUS ORIENTATION	11

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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. 01.030 Science Block D. 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

24th 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. **You will also need to seek permission from the 'Technical and Facilities Manager, School of Engineering' before accessing the roof.** 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.

3.2 Enter the building via the 'Chemistry' entrance off Library Road. Once inside proceed left to the main stairwell.

3.3 Proceed up the stairwell to the 2nd floor and exit into the corridor and turn right.

3.4 The entrance door out onto the roof is on your left just after the entrance doors to the concourse of science block E and just before you enter through the double doors into science block A.

3.5 Ensure that, at all times, the roof access door is firmly closed and locked.

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 D 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 differing levels of the roof, cable trays and pipework causing trip hazards 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 No overhead pipework or cables on this site.

9. SITE SPECIFIC HAZARDS

9.1 Access must be approved by 'Technical and Facilities Manager, School of Engineering' before making access to the roof due to noxious gasses from scientific processes being vented.

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 a bituminous roof felt material and there are areas where the roof level changes slightly, that may cause trip hazards. There are also areas with water pooling and green algae/moss which may be slippery, particularly in icy weather.

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 Falls and trips onto skylights, pipework, cable trays and other plant. Under no circumstance should the cable trays, pipework or skylights be stood upon.

9.6 There are some gantries in place to facilitate access across pipework in places, please ensure these are used when traversing the roof.

9.7 Part of the roof does not contain a gantry to traverse over pipework and cabling, Care should be taken when crossing here.

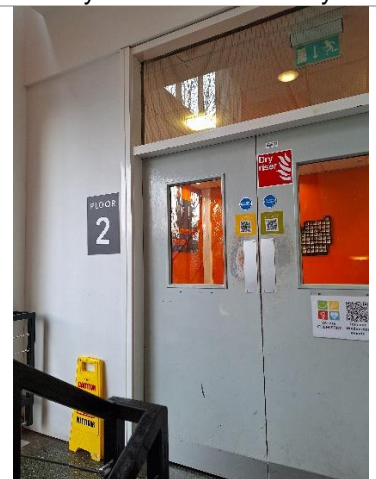
Appendix A: Site pictures



Chemistry entrance off Library Road



Main stairwell



2nd floor door to lobby



Roof access door next to Science Block A entrance



Roof access door



Roof layout including sky lights and pipework



Rain Gully



Typical sky light



Gantry over pipework



Pipework and cabling with no gantry in place.



Chemistry gas flues



Differing levels of roof



Cable tray trip hazard



Typical edge protection



Edge protection anchor, trip hazard

