



## **Flat Roof Pre-access Hazard Identification Report**

### **02.027 MECHANOCHEMICAL CELL BIOLOGY (MCCB)**

Date undertaken 5<sup>th</sup> December 2023

Prepared for

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Estates

## Executive Summary

02.027 Mechanochemical Cell Biology (MCCB), Gibbet Hill Campus

### Key Hazards

- Slips, trips and falls around the site. There are some set out walkways for this roof and gantries are in place to enable traversing across plant. The roof flooring comprises of corrugated metal, steel grids and loose ballast which can become loose under foot. Care should be taken should the need arise to divert from the designated walkways.
- 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 partial 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 PV panels, skylights, cable trays and other plant. Under no circumstance should the PV panels or skylights be stood upon.
- Vegetation is growing throughout and could be a trip hazard.
- Part of the roof has no edge protection however, there are man safe/latch line systems in this area that must be used. The Competent Person must have evidence of training in the use of man safe systems and the correct personal equipment for their use. The Competent Person must have assurance that the lines have been inspected and certified safe to use before latching on to them.
- Certain areas of the roof are constructed from a metal corrugated cladding type material, which could become extremely slippery when wet. Care should be taken when working here either during or straight after rainfall.
- Vertical ladders exist to facilitate access to some areas of the roof once outside and also internally from the plant room to access the higher level of the roof. Care should be taken when using these and opening the roof access hatch.

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1.0	06/12/2023	First Issue	PM	JC/SA

## 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. **02.027 Mechanochemical Cell Biology (MCCB)**. 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

5<sup>th</sup> December 2023

## 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.

**3.2** Enter the building via the main entrance and proceed up the main stairwell.

**3.3** Take the stairs to the top floor and, using your access card, enter the plant room.

**3.4** Once in the plant room there are several doors and vertical ladders with access hatches which take you out onto the various levels and areas of the roof. For all doors, you will need your Salto roof card to gain access.

**3.5** At all times, please ensure doors are firmly closed and secure.

## 4. PARKING

Parking is very limited on campus. The nearest car park is **Gibbet Hill East car park** 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 MCCB are available for your use.

**5.2** There are various shops & coffee shops near by the site for food and drink and toilet facilities.

**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.

**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 Slips, trips and falls around the site. There are some set out walkways for this roof and gantries are in place to enable traversing across plant. The roof flooring comprises of corrugated metal, steel grids and loose ballast which can become loose under foot. Care should be taken should the need arise to divert from the designated walkways.

9.2 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.

9.3 Falls from height; whilst there is partial 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.

9.4 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.

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

9.6 Vegetation is growing throughout and could be a trip hazard.

9.7 Part of the roof has no edge protection however, there are man safe/latch line systems in this area that must be used. The Competent Person must have evidence of training in the use of man safe systems and the correct personal equipment for their use. The Competent Person must have assurance that the lines have been inspected and certified safe to use before latching on to them.

9.8 Certain areas of the roof are constructed from a metal corrugated cladding type material, which could become extremely slippery when wet. Care should be taken when working here either during or straight after rainfall.

9.9 Vertical ladders exist to facilitate access to some areas of the roof once outside and also internally from the plant room to access the higher level of the roof. Care should be taken when using these.

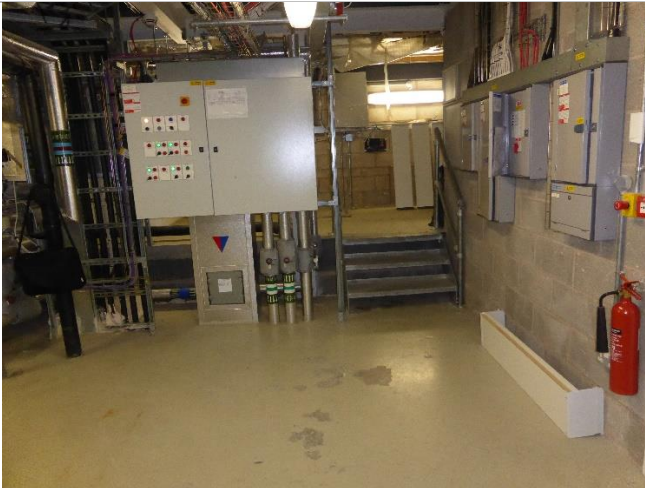
**Appendix A: Site pictures**



MCCB Main entrance



Main stairwell leading to plant room door



Plant room



Example of vertical access ladders to roof



Example of hatch type door leading out onto roof (Salto)



Example of ceiling hatch leading out onto roof (Salto)



Roof access door leading out onto higher level roof (Salto)



Vegetation growing, causing potential trip hazard and loose ballast





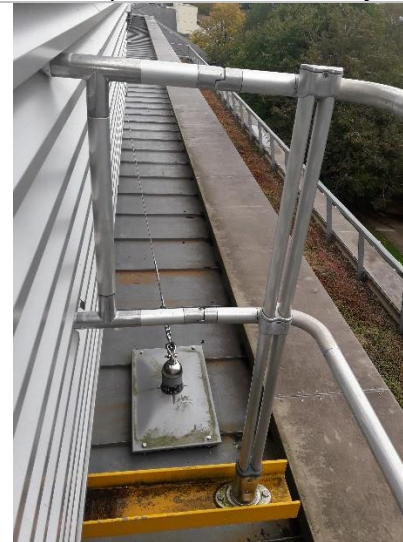
PV panels



Example of laid out walkways



Example of typical plant



Part of roof with no edge protection but with latch lines

## 10. CAMPUS ORIENTATION

| Red Triangle = Gibbet Hill East car park | Red Circle = MCCB

