

FIRE RISK ASSESSMENT



Rivelin Way (Block 23-33)

**Rivelin Way (Block 23-33), Waverley,
Rotherham, South Yorkshire, S60 8AX**

VALID BETWEEN	27/02/2023 - 27/02/2024
ASSESSED BY	Brian Smith
ASSESSED ON	27/02/2023
APPROVED ON	02/04/2023
PROPERTY REF.	RB-151RYU
ASSESSMENT REF.	RB-FPCEZW
VERSION	1

1 INTRODUCTION

OVERVIEW

The Regulatory Reform (Fire Safety) Order 2005, which came into effect on 1st October 2006, applies to the majority of non-domestic premises. The legislation places certain obligations on the 'Responsible Person or Duty Holder' for the premises, that includes carrying out a suitable and sufficient fire risk assessment by a competent person. The assessment set out in this document is intended to satisfy this requirement. This assessment comes complete with a Certificate of Conformity to the BAFE SP205 Life Safety Fire Risk Assessment scheme.

ENFORCEMENT

Your local fire and rescue authority enforces this legislation. They have the power to inspect your premises to check that you are complying with your duties under the Order. They will look for evidence that you have carried out a suitable fire risk assessment and acted upon the significant findings of that assessment.

ASSESSMENT REVIEW

The fire risk in any building may be subject to change. Under the Order, part of the duties of the 'responsible person' is to review this assessment periodically and in the event of:

- A fire or near miss occurs
- Failure of fire safety systems (e.g. fire detection or emergency lighting)
- Changes to work processes undertaken in the building
- Alterations to the internal layout of the building
- Introduction, change of use or increase in the storage of hazardous substances
- Significant changes to the type and quantity and / or method of storage of combustible materials
- Significant changes in the number or type of people (e.g. young persons, those with disability)

MANAGING FIRE SAFETY

Good management of fire safety is essential to ensure that fires are unlikely to occur; that if they do occur they are likely to be controlled quickly, effectively and safely or that if a fire does occur and grow, to ensure that everyone in your premises are able to escape to a place of total safety easily and quickly.

SIGNIFICANT FINDINGS

The Significant Findings section contains actions that should be addressed based on their priority scores. Continue to implement control measures and monitor them for effectiveness.

What is a Fire Risk Assessment?

A fire risk assessment is an organised and methodical examination of your premises, the activities carried on there and the likelihood that a fire could start and cause harm.

Who is the Responsible Person?

The 'responsible person or duty holder' is typically the employer and any other person who may have control of any part of the premises, e.g. occupier, owner, or manager.

Assessment Risk Scoring & Methodology

The building risk score is a subjective calculation based on how likely the assessor believes a fire is to occur and how severe the consequences (severity of injury or death) might be if that fire were to happen.

SEVERITY ▾ LIKELIHOOD ▾	SLIGHT HARM	MODERATE HARM	EXTREME HARM
LOW	TRIVIAL	TOLERABLE	MODERATE
MEDIUM	TOLERABLE	MODERATE	SUBSTANTIAL
HIGH	MODERATE	SUBSTANTIAL	INTOLERABLE

SLIGHT HARM	SEVERITY	Outbreaks of fire unlikely to result in serious injury or death of any occupant (other than an occupant sleeping in a room in which a fire occurs). Typically high level of compartmentation.
MODERATE HARM	SEVERITY	Reasonable risk of fire spread involving multiple occupants which could result in significant injury. Eg, poor construction detailing or breaches to purpose built construction.
EXTREME HARM	SEVERITY	Significant potential for serious injury or death of one or more occupants. Includes high dependency occupants such as a care home or properties with poor compartmentation.
LOW	LIKELIHOOD	Very low likelihood of fire as a result of negligible potential sources of ignition.
MEDIUM	LIKELIHOOD	Normal fire hazards for this type of occupancy, with fire hazards generally subject to appropriate controls (other than minor shortcomings).
HIGH	LIKELIHOOD	Lack of adequate controls applied to one or more significant fire hazards, such as to result in significant increase in likelihood of fire.
TRIVIAL	RATING	Limited action is required, review FRA as recommended; existing controls are generally satisfactory.
TOLERABLE	RATING	No major additional controls required. However, there might be a need for some improvements.
MODERATE	RATING	Essential action must be made to reduce the risk. Risk reduction measures should be implemented within a defined time period.
SUBSTANTIAL	RATING	Considerable resources might have to be allocated to reduce the risk. Improvements should be undertaken urgently.
INTOLERABLE	RATING	Imminent risk of significant harm. Immediate action required.

Action Priorities

Separately from the building's risk score, every action is given a priority. Priorities are defined based on how easily an action can be completed and how much it should reduce the risk.

D	C	B	A
These actions should be implemented when the opportunity arises (such as the refurbishment of a building), but ideally within 2 years.	These actions may be more complicated or require a greater degree of planning. They should be completed within 6 months.	These actions should be implemented with a reasonable degree of urgency but at least within 3 months.	These actions should be implemented as soon as possible. Where they cannot be affected immediately, interim measures may be required to ensure occupant safety.

CERTIFICATE OF CONFORMITY

LIFE SAFETY FIRE RISK ASSESSMENT



The life safety elements of this fire risk assessment comply with the BAFE SP205 scheme which ensures that we and our risk assessment staff have met the required technical and quality management standards.

Oakleaf Surveying Ltd (BAFE 301310) certify all requirements in the BAFE SP205 scheme in respect of life safety fire risk assessment have been complied with. Any questions can be addressed to the assessor or the quality manager.

ASSESSMENT AND CERTIFICATE REFERENCE
RB-FPCEZW

PRODUCED FOR THE RESPONSIBLE PERSON
Oakleaf Surveying Ltd

ASSESSED ON, BY
27/02/2023, Brian Smith

SPECIFICATION CONFORMS TO
ISO 9001 Quality Management System

FIRE QC ON, BY
30/03/2023, Andy Whiting

ASSESSMENT SCOPE
Rivelin Way Block 23 - 33.

APPROVED / VALIDATED ON
02/04/2023

ASSESSMENT SCOPE CHANGE
None.

START DATE — RECOMMENDED REVIEW DATE
27/02/2023 — 27/02/2024

SIGNIFICANT FINDINGS
3 Actions / 32 Controls

Assessed Property

PROPERTY NAME
Rivelin Way (Block 23-33)

ADDRESS
Rivelin Way (Block 23-33),
Waverley,
Rotherham,
South Yorkshire
S60 8AX

PROPERTY REFERENCE
RB-151RYU

FIRE RISK RATING

LIKELIHOOD **LOW**

Very low likelihood of fire as a result of negligible potential sources of ignition.

SEVERITY **MODERATE HARM**

Reasonable risk of fire spread involving multiple occupants which could result in significant injury. Eg, poor construction detailing or breaches to purpose built construction.

RISK **TOLERABLE**

No major additional controls required. However, there might be a need for some improvements.

ASSESSING / ACCREDITED ORGANISATION

Oakleaf Surveying Ltd
McGowan House, 10 Waterside Way, The Lakes, Northampton, NN4 7XD
01604 643100 — www.theoakleafgroup.co.uk



THIRD PARTY CERTIFICATION BODY

NSI, Sentinel House, 5 Reform Road, Maidenhead, SL6 8BY

Assessor Remarks

The risk is identified as Tolerable on the basis that there are high standards of housekeeping on site. Limited action is required, review the Fire Risk Assessment as recommended and address the actions that have been raised.

3 PROPERTY

Address

PROPERTY NAME

Rivelin Way (Block 23-33)

PROPERTY REFERENCE

RB-151RYU

ADDRESS

Rivelin Way (Block 23-33),
Waverley,
Rotherham,
South Yorkshire
S60 8AX

Premises Summary

Premises Summary

Description

Property 23-33 Rivelin Way is a shared ownership between the owners and Arches Housing (only responsible for the communal areas). The block of 6 flats were built in 2016 containing two on each of the three floors. There is a single stairwell and ground floor exit doors. There is a small car park to the rear. Neighbouring premises do not represent a significant hazard.

Use of Premises

Residential "General Needs" Let.

Construction

The building is located in a residential area and is detached with concrete floors, three storeys and is brick built with a pitched and tiled roof. The basic construction of the building is that of load bearing blockwork external walls with internal block load bearing partition walls forming compartmentation between the apartments. All the internal walls are dry-lined in plasterboard. The structural floor construction is that of a concrete beam and block type with a floating chipboard deck above and plasterboard ceilings below (supported off battens to the soffit of the structural floor). The roof gives the visual appearance of an upper flats compartmentation continues throughout.

Number of Floors

3.

Number of Occupants

10 variable.

People Especially at Risk

None reported.

Stairways

1.

Final Exits

2.

Evacuation Procedure

The evacuation policy is Simultaneous as per the signage, supported by communal fire detection.

Recent Fire History

There is no history of any recent fires at the premises.

Additional Facilities

There appears to be 1 hour fire compartmentation and 1 hour fire doors (FD60S) throughout the premises.

Responsible Person

Arches Housing.

Competent Person

Nichola Maguire.

4 SIGNIFICANT FINDINGS

This assessment identifies 3 actions and 32 controls.

3 ACTIONS

INCOMPLETE

32 CONTROLS

ONGOING

B

3

ALL

32

Sources of Ignition

The assessor has reviewed the potential sources of ignition in and around the premises. This includes electrical ignition sources, smoking, arson and lightning protection.

? Are electrical ignition sources, such as fixed wiring & PAT, being adequately maintained and tested? **YES**

● The mains electrical system has been tested in accordance with BS 7671, last test date 10/21.



● There are no portable appliances provided to the block of flats that fall under the responsibility of the client.

? Does basic security against arson by outsiders appear reasonable? **YES**

● There is secure access to the premises, available to authorised persons only. During the inspection, there did not appear to be significant fire loads which may be ignited by others and which would pose a significant fire risk to the building occupants.

WHY To reduce the likelihood of deliberate ignition inside, or within close proximity to openings in, the building.



? Are reasonable measures taken to prevent fires as a result of smoking? **YES**

● Smoking is prohibited within the premises.

Signage has been installed to inform occupants and visitors to the premises that smoking is not permitted.

During the inspection, there was no obvious evidence that persons were smoking within the communal areas.

Persons are able to smoke outside but away from the premises.

WHY Smoke-free legislation was introduced in England in 2007, banning smoking in nearly all enclosed workplaces and public spaces.

The enforcement is for public health but also mitigates and reduces the risk of accidental ignition and fires within all buildings.

LOCATION Throughout the premises.



? Are external waste bins stored in a suitable location? **YES**

External waste bins are stored away from the premises, behind fencing.

WHY This reduces the likelihood of arson attacks, limits potential fire growth and reduces the likelihood of external fires entering the building through its openings.



? Is lightning protection fitted to the building? **NO**

No lightning protection is required for a building of this height.

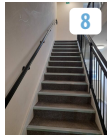
Means of Escape

The proper provision of means of escape is an essential part of fire safety measures in any and all premises. We have reviewed whether adequate escape routes are provided, whether they can be easily used and navigated, and whether the provision of emergency lighting, or other means of lighting, are sufficient. Statements in the report regarding escape lighting are based on visual inspection only. The mains services were live at the time of inspection. No test of luminance levels was carried out.

? Are the means of escape adequate? **YES**

Single stairway means of escape is acceptable.

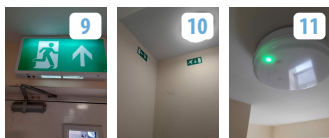
LOCATION Throughout the premises.



? Is there suitable emergency lighting provided to illuminate the means of escape? **YES**

Emergency lighting is provided throughout the means of escape internally.

WHY To illuminate the escape route if the property loses electrical power.



? Are suitable maintenance records available? **YES**

The emergency lighting system is tested monthly by staff and serviced annually by W Burns and Son who are the 3rd party accredited contractors for all sites. The last service date is 15/02/23 and is deemed satisfactory with no remedial works reported.

WHY To ensure escape routes are protected and lighting is in good working order.

? Are the travel distances reasonable? **YES**

The building is within the category 'up to four storeys in height' as described in the Purpose Built Blocks of Flats guidance Sub Section 62.8. The current travel distances are deemed as acceptable as the stairway is provided with openable windows.

WHY It is important to limit the distance to travel in an emergency, so that occupants are not exposed to the effects of fire and where they are it is for a limited period of time and which would not prevent them from making a safe escape from the premises.

LOCATION Throughout the premises.

Are all doors on escape routes easily opened?

YES

- All final exit doors are provided with a single method of opening.

WHY To enable easy and immediate egress.

Is adequate fire exit and other fire safety related signage provided?

YES

- The Fire Action Notice (FAN) indicates Simultaneous Evacuation which can be supported because the premises has smoke detection within common areas, however, Arches Housing notice indicates a "Stay Put Policy".

B

REFERENCE RB-DP79XJ
DUE 02/07/2023
CATEGORY Building: Signage

It is recognised that Purpose Built Blocks of Flats do not require communal Fire Detection, unless there are concerns regarding the compartmentation between the individual flats.

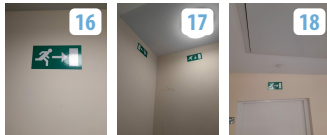
A firm decision on the evacuation procedure: if it is decided to have a "Stay Put Policy", then the fire action signage will need to be changed to "Stay Put Policy" and all residents need to be made aware of the procedure especially what to do if the communal area alarm activates.

WHY To inform residents and visitors what to do in an emergency and to avoid confusion.
LOCATION Ground floor near main entrance.



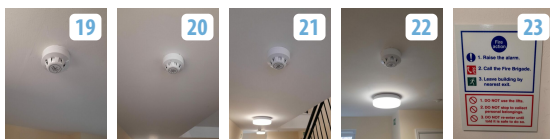
- The provision of fire exit signage is sufficient to aid personnel to a place of relative safety leading to ultimate safety and fresh air.

WHY To indicate to occupants that are unfamiliar to the property the final exit from the building to a place of relative safety.



- A Fire Action Notice, detailing the evacuation procedure, is in place within the common areas; simultaneous, and there is smoke detection within the common areas to support this.

WHY To provide information to all occupants of what to do in the event of fire within the building.
LOCATION Ground Floor.



Are the directional signs correct?

YES

- The provision of fire exit signage is sufficient to aid personnel to a place of relative safety leading to ultimate safety and fresh air.

WHY To indicate to occupants that are unfamiliar to the property the final exit from the building to a place of relative safety.



? Is smoke ventilation provided?

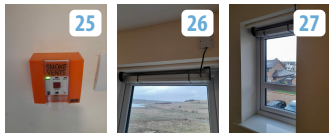
YES

- An Automatic Opening Vents/doors (AOV) is provided in the protected stairway and corridors activated by a smoke detection head.

Manual override call points where also provided throughout the means of escape.

WHY The primary objective of the smoke ventilation system is to protect the staircase and protect the common circulation areas.

LOCATION Manual Override located on ground floor, windows are located on the 2nd Floor.



? Is the smoke ventilation system being regularly serviced?

NO

- No evidence was available to confirm that the mechanical smoke ventilation system is being regularly maintained.

Arrange for a contractor to undertake testing and maintenance.

It is recommended that smoke control equipment is serviced twice a year by a specialist smoke control contractor and maintenance certificates should be produced and kept in a maintenance log.

WHY Smoke ventilation saves lives and it is absolutely essential that the system is maintained and serviced on a regular basis to ensure that it works correctly when activated during a fire.

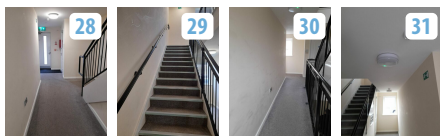
B
REFERENCE RB-D519EJ
DUE 02/07/2023
CATEGORY Maintenance: Other

? Are the means of escape clear of combustible items and obstructions, and is the standard of housekeeping acceptable?

YES

- The means of escape were free of combustible items at the time of the assessment.

WHY All emergency routes and exits must lead as directly as possible to a place of safety and be adequate for everyone to escape quickly and safely. It is essential that escape routes, and the means provided can be used safely, are managed and maintained to ensure that they remain usable and available at all times when the premises are occupied. Corridors and stairways that form part of escape routes should be kept clear and hazard free at all times. Items that may be a source of fuel or pose an ignition risk should not normally be located on any corridor or stairway that will be used as an escape route.



Fire Doors and Compartmentation

The provision of passive fire protection, in the form of fire resisting walls, ceilings and doors play an important part in the fire safety provisions in the building. The extent to which they are required has been assessed, and we have reviewed the provision of fire resisting doors, fire resisting walls, and the separation of roof voids, where possible. Statements regarding the fire resistance of the structure have been based on typical expected resistances of materials and construction. They comprise a visual inspection of the readily accessible areas only.

? Are flat entrance doors and doors to the common parts of a suitable fire resisting standard?

YES

- Fire doors provided are of the same type throughout, fitted with a spy hole. Access was gained to Flat 23, and it was confirmed the fire door is fitted with intumescent strips and cold smoke seals, as well as a self closing device.

WHY To protect the integrity of the means of escape from a fire within a flat and to protect flat occupants from combustible gases from entering the dwelling in case of fire within the common areas.

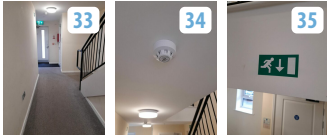
LOCATION Flat 23.



? Is the compartmentation of the common areas and means of escape adequate? **YES**

- Floors and walls appeared to be in good condition, with no apparent openings or breaches that would permit the uncontrolled spread of fire and smoke.

LOCATION Throughout the premises.



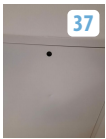
? Are roof voids adequately compartmented?

- No access was available to this loft space as it had a non standard lock and no key available to check.

Recommend a survey of the roof void is completed to confirm adequate compartmentation between flats and the common area and, where applicable, between flats. Additionally, that there is no unauthorised storage within the loft space.

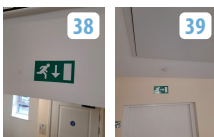


- No access was available to the loft hatch as it had a non standard lock.



? Are wall and ceiling linings appropriate to limit fire spread? **YES**

- Wall surfaces for the most part appear to be of an appropriate standard and that is to EN 13501.



? Does the exterior of the building adequately resist the spread of fire? **YES**

- The exterior of the building is of brick construction and would not promote external flame spread.

WHY To reduce the risk of fire and smoke spread.



NO ACCESS

B

REFERENCE RB-YUCGGG

DUE 02/07/2023

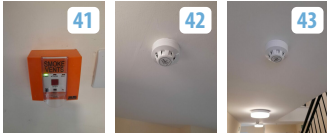
CATEGORY Building:
Compartmentation

Means of Giving Warning

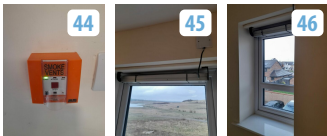
We have reviewed the provision of a fire detection and alarm system in the building, and its suitability in line with the evacuation procedure, and other fire safety systems. For domestic premises we have where possible reviewed whether domestic smoke alarms have been provided in the individual flats. Statements regarding the fire alarm system are based on visual inspection only; no audibility tests have been carried out.

? Is a suitable fire detection and alarm system in place? **YES**

- Automatic fire detection is provided throughout. The fire alarm system will sound throughout the common parts in the event of fire in the common areas, but only within each localised flat if activated within a flat.



- An Automatic Opening Vent (AOV) operated by a smoke detector is provided within the stairway.



? Are there records for the fire alarm system? **YES**

- Service records were provided, and dated 15/02/23.

Weekly testing is recorded in the logbook, last test undertaken on 15/02/23.

WHY To ensure the system is maintained in good condition, effective working order and a good state of repair.

Firefighting Arrangements

With regards to the height, complexity and use of the building we have made an assessment of the firefighting arrangements. This includes the provision of fire extinguishers, fire brigade access, and the provision of sprinklers.

As of the 23 January 2023: The Fire Safety (England) Regulations 2022 will become a legal requirement in all multi-occupied residential buildings in England. The regulations will require Responsible Persons to provide residents of all multi-occupied residential buildings with two or more sets of domestic premises (that have common parts) information on the importance of fire doors to a building's fire safety. Regulation 10 of The Fire Safety (England) Regulations 2022 requires that residents are given information that:

- Fire doors should be kept shut when not in use.
- Residents or their guests should not tamper with self-closing devices.
- Residents should report any fault or damage immediately to the Responsible Person.

Additionally, the above information must be provided by the Responsible Person to any new resident as soon as reasonably practicable after the resident moves into their flat. The Responsible Person must also remind all residents about this information at periods not exceeding 12 months starting from when the regulations come into force.

Where a resident wants to alter or change their front door, this should be done with the knowledge and agreement of the Responsible Person to ensure that it does not negatively impact upon the overarching fire risk assessment for the premises.

? Is a sprinkler system provided? **NOT REQUIRED**

- A sprinkler system is not currently required for a building under 11 metres in height.

? Is a firefighting shaft provided? **NOT REQUIRED**

? Where required are the correct fire extinguishers provided, and are they suitably positioned? **NOT REQUIRED**

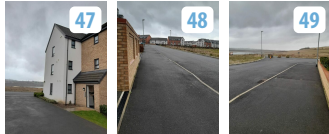
● Fire extinguishers are not provided or required in the common areas.

WHY Not recommend for use by untrained tenants.
LOCATION Throughout the premises.

? Is adequate fire brigade access available to the building? **YES**

● Suitable Fire Brigade access is available to the front and side of the property, from the street.

WHY To support the Fire Service when attending the property to position fire appliances as close to the building as reasonably practical.
LOCATION Front and Side of property.



? Are there suitable floor numbers/wayfinding signage at each level? **NO**

● Floor numbering not required on this building due to the simple layout of 2 floors and protected staircase.

WHY To assist the Fire and Rescue Service in navigating their way round a building, even when visibility is low.
LOCATION Throughout the premises.

Management and Housekeeping

As part of the fire risk assessment, fire safety management needs to be regarded as of equal importance to fire protection measures. In its broadest sense, fire safety management includes certain policies and procedures designed to prevent the occurrence of fire by eliminating or controlling fire hazards. We have assessed the standard of housekeeping in the building, the evacuation procedure that is in place, the presence of staff, and any occupants that have been deemed to be especially at risk.

? Is the evacuation procedure suitable, and supported by the provisions on site? **NO**
See separate action in regards to "Is adequate fire exit and other fire safety related signage provided" raised earlier within this report.

? Are suitable records held relating to maintenance and management? **YES**

● Testing and maintenance records are held centrally, and are available for inspection.

LOCATION Client's database ActiveH and Pentana.

? Are staff located at the premises? **NO**

● No staff are based on the site.

? Is there a designated responsible person and safety assistant for fire safety management in the premises? **YES**

● The designated 'safety assistant' for the premises is Nicola Maguire and they were consulted and present at time of fire risk assessment. The 'Responsible Person' is Arches Housing.

? Have any occupants been identified that may be deemed to be especially at risk? **NO**

● The assessor was not aware of any occupants that may be especially at risk at the time of the assessment.

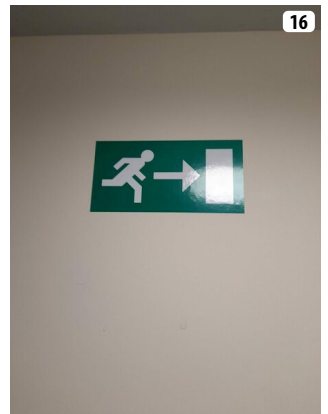
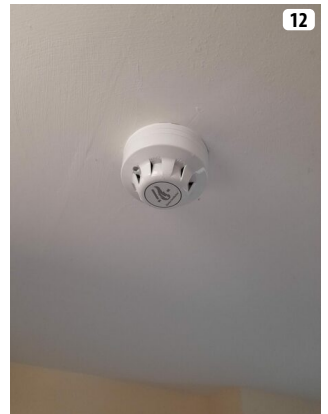
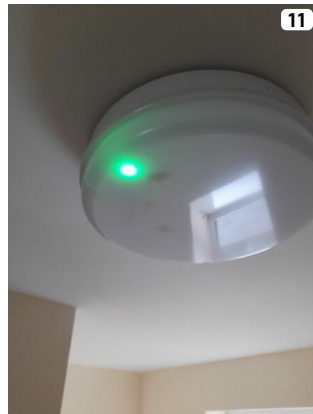
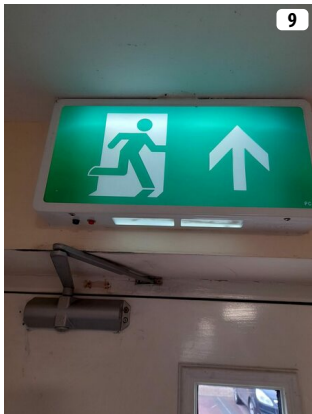
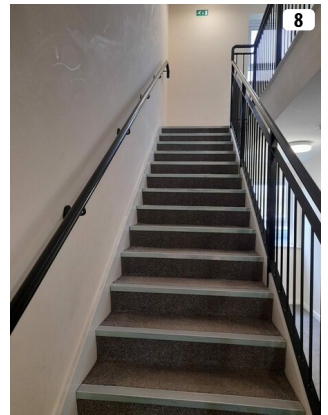
LOCATION Throughout the premises.

? Were all relevant areas of the building accessed as part of the assessment? **NO**

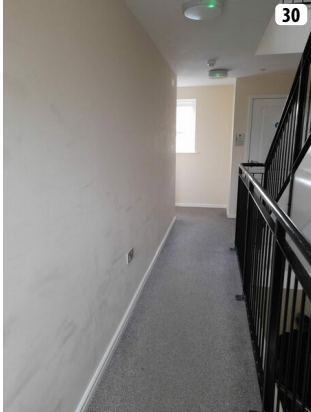
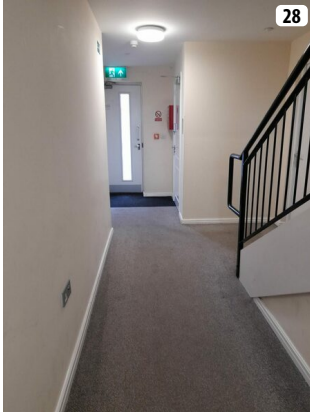
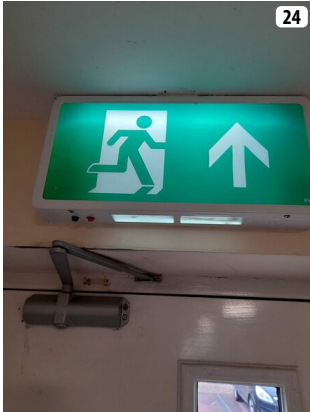
The following areas were not accessed during the survey - Loft access

See separate action raised within this report under "Are roof voids adequately compartmented".

5 PHOTOS



Photos Continued...



Photos Continued...



33



34



35



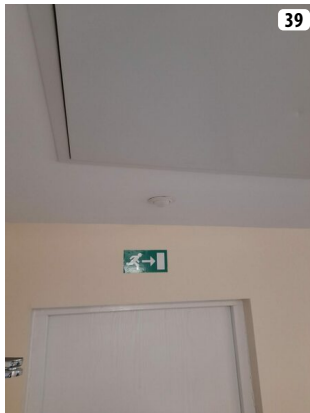
36



37



38



39



40



41



42



43



44



45



46



47



48

Photos Continued...





Rely on us on for clear and practical advice. Small enough to respond and care, big enough to deliver consistency and quality every time.

We believe strongly in third party approval, that's why our consultants hold professional accreditations from the IFE and IFSM and the business itself is accredited by UKAS and NSI.

RISK ASSESSMENT • STRATEGY • CONSULTANCY • ENGINEERING • COMPARTMENTATION

ADDRESS
Oakleaf Surveying Ltd
McGowan House
10 Waterside Way
The Lakes
Northampton
NN4 7XD

TELEPHONE
01604 643100
EMAIL
info@theoakleafgroup.co.uk
WEBSITE
www.theoakleafgroup.co.uk

