FIRE RISK ASSESSMENT



Rivelin Way, Block 23-33

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

ASSESSED BY Luke Colwell FSIDip, DipFD MIFSM,

Tier 2 CFRAR

ASSESSED ON 31/03/2025

FIRE QC BY Andy Whiting AIFSM, CFRAR Tier 2

FIRE QC ON 09/04/2025

PROPERTY REF. RB-I5IRYU

ASSESSMENT REF. 438639

VERSION



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	В	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

438639

ASSESSED ON, BY

31/03/2025, Luke Colwell FSIDip, DipFD MIFSM, Tier 2 CFRAR

FIRE OC ON, BY

09/04/2025, Andy Whiting AIFSM, CFRAR Tier 2

RECOMMENDED REVIEW DATE

31/03/2026

FINDINGS

6 Actions / 33 Controls

PRODUCED FOR THE RESPONSIBLE PERSON

Arches Housing.

SPECIFICATION CONFORMS TO

ISO 9001 Quality Management System

ASSESSMENT SCOPE

Type 1 Fire Risk Assessment.

Assessed Property

PROPERTY NAME

Rivelin Way, Block 23-33

PROPERTY REFERENCE RB-I5IRYU

ADDRESS

Block 23-33 Rivelin Way

Waverley Rotherham South Yorkshire S60 8AX

FIRE RISK RATING

LIKELIHOOD LOW

SEVERITY MODERATE HARM

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

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 979850 — www.theoakleafgroup.co.uk

THIRD PARTY CERTIFICATION BODY

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

Life Safety Fire Risk Assessment

Powered By RiskBase
Page 4 of 21



Assessor Remarks

The risk is identified as 'Tolerable' on the basis that there are a good standard of fire safety systems present that would ensure escape, ignition sources were being adequately controlled and escape routes were clear of obstructions. Areas for improvement were identified during the survey and these have been raised within the report to bring the building to a high standard of fire safety and support the 'stay put' evacuation policy. If all actions are completed this would bring the overall risk rating down, however, should the management of fire safety deteriorate or the preventative and protective measures not be maintained, the overall level of fire risk may significantly increase.

3 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 3 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 Number of Occupants
3. 10 variable.

People Especially at Risk Stairways
None reported. 1.

Final Exits

2.

Evacuation Procedure

There is a 'Stay Put' Policy in place for the flats, with a 'Simultaneous Evacuation' for the communal areas.

Recent Fire History Additional Facilities

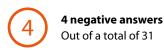
There is no history of any recent fires at the premises. None.

Client Name Responsible Person
Arches Housing. Arches Housing.

Competent Person Guidance Used

Nicola Maguire. Fire Safety in Purpose-Built Blocks of Flats

4 FINDINGS



6 actions to complete
Identified in this assessment

33 controls describe existing measures Identified in this assessment

SUMMARY OF ACTIONS

Timescale	
c	2
В	4

Sources of Ignition

6 Controls

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 and gas 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 22/10/2021.

To ensure the system is maintained in good working order and effective condition. Additionally, to identify potential faults and safety issues that require remediation and to minimise the risk of personal injury and/or outbreaks of fire.

CATEGORY Maintenance: Electrical

There were no portable electrical, or gas appliances provided to the block of flats that fall under the responsibility of the client. To ensure sources of ignitions are kept to a minimum and maintained.

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

CATEGORY Building: Security



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

YES

No smoking is permitted within the building, or within close proximity of the building, as part of the organisations smoking policy.

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.

CATEGORY Procedures: Policy



Are external waste bins stored in a suitable location?

YES

External waste bins are stored at the side of the property.

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

CATEGORY Building: Other



Is lightning protection fitted to the building?

NO

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

CATEGORY Maintenance: Electrical

Means of Escape

2 Negative Answers 4 Actions 7 Controls

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.

To ensure safe egress from the building.

CATEGORY Building: Other

CONTROL CONTINUES..

Findings

Powered By **Risk**Base





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

YES

Emergency lighting is provided throughout the means of escape internally.

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





Are suitable maintenance records available?

NO

Ensure the emergency lighting system is maintained appropriately and records are kept, in accordance with BS 5266. Records for 3 monthly testing were on site, last tested 19/02/2025. Recommend monthly testing.

c

Records were either not made available, or within the recommended testing frequency and, or, identified faults or remedial actions being required.

REFERENCE RB-YNLMR1 DUE 09/10/2025 LOCATION Records held centrally. CATEGORY Procedures: Log Books

Are the travel distances reasonable?

YES

Travel distances conform with the recommendations given in the relevant approved guidance.

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.

CATEGORY Building: Other

Are all doors on escape routes easily opened?

YES

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

To enable easy and immediate egress.



Findings



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

NO

There is very little detail provided on the current fire action notice. It is recommended that the fire action notices be changed with more detailed ones, explaining the evacuation policy.

В

To ensure that occupants know what to do if there is a fire.

REFERENCE RB-5WQUQ1 DUE 09/07/2025 LOCATION Common areas.
CATEGORY Building: Signage



The provision of 'Fire Exit' signage is sufficient to aid personnel to a place of relative safety, leading to ultimate safety and fresh air.

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

CATEGORY Building: Signage



Is smoke ventilation provided?

YES

Automatic Opening Vents (AOV) are provided in the communal stairway, activated by a smoke detection head. Alternatively, yellow AOV call points are also provided.

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



Is the smoke ventilation system being regularly serviced?

YES

AOVs are inspected monthly. Any non-compliance and remedial actions will be resolved through appropriate streams. Records of certification are stored remotely from the building in digital format, last inspecte 19/02/2025.

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

NO

Personal items were found being stored in the means of escape. Items should be removed and the means of escape kept clear.

В

To prevent fire loading and trip hazards.

REFERENCE RB-8U59JZ DUE 09/07/2025 CATEGORY Procedures: Housekeeping









Storage of combustible items noted in the electrical cupboards. Remove the combustible items and keep the cupboards locked shut.

В

To prevent fire loading.

REFERENCE RB-KDF2EH DUE 09/07/2025 LOCATION Ground floor electrical cupboard. CATEGORY Procedures: Housekeeping





Fire Doors and Compartmentation

1 Negative Answer 1 Action 6 Controls

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?

NO

The electric cupboard door has an excessive door jamb gap on the latch side. The hinges should be adjusted to close door jambs to a minimum of 2mm and a maximum of 4mm.

C

To protect the means of escape from fire and smoke.

REFERENCE RB-CVLKFC DUE 09/10/2025

LOCATION Electric cupboard. CATEGORY Building: Doors

ACTION CONTINUES.



..ACTION CONTINUED



Flat 33 entrance door was sampled at the time of assessment. The door appeared to be of good FD30 timber construction and was fitted with intumescent strips, cold smoke seals, fire rated hinges and a self closing device.

To prevent the passage of fire and smoke.

















Fire doors are fitted throughout the property. They are an FD30s type, incorporating intumescent strips, cold smoke seals and self closing devices (where applicable).

To prevent the passage of fire and smoke.









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

YES

Internal walls are of solid brick/block construction. Walls and ceilings are plastered throughout. Where service penetrations breach the fabric of the building they have been correctly firestopped.

A robust construction will protect the integrity of the building and the escape routes protecting residents and attending fire crews until the fire is extinguished or the occupants are evacuated.

CATEGORY Building: Compartmentation





The roof void was accessed; blockwork continues to the underside of the roof with no fire stopping breaches noted. To reduce the risk of fire and smoke spread.

CATEGORY Building: Compartmentation





Are wall and ceiling linings appropriate to limit fire spread?

YES

Walls and ceilings are plastered with painted surfaces in good repair. These surface linings are considered to be to the EN 13501: B-s3,d2 standard and suitable for the use of the building.

To prevent the surface spread of fire, protect the means of escape for occupants and to limit fire growth within the premises.



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

YES

The exterior of the building is of brick construction, partly rendered and would not promote external flame spread. To reduce the risk of fire and smoke spread.

CATEGORY Building: Other



Means of Giving Warning

1 Negative Answer 1 Action 2 Controls

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?

NO

Flat 33 was sampled. A smoke detector has been installed within the hallway. The kitchen has no fire detection devices fitted.

В

It is recommended that all flats are fitted with a hardwired BS5839 Part 6 Grade D part 6 D1 system with a smoke detection head in the hallway and a heat detection head within the kitchen. Residents must be shown how to test the detection heads weekly.

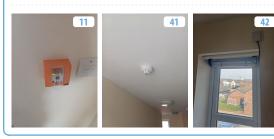
To ensure the early warning of fire with built in redundancy in case of a an electrical power loss to the building.

REFERENCE RB-FRFZ88 DUE 09/07/2025 LOCATION Flats internally. CATEGORY Maintenance: Fire Alarms



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

To ensure that the smoke vent opens to allow smoke to leave the means of escape.



The fire alarm system is regularly inspected and maintained, last inspected 19/02/2025.

To ensure that crucial life safety equipment is correctly maintained.

Firefighting Arrangements

5 Controls

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.

Is a sprinkler system provided?

NOT REQUIRED

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

Currently, Approved Document B (ADB) only requires sprinkler systems for domestic buildings above 11m.

Is a firefighting shaft provided?

NOT REQUIRED

A firefighting shaft is not currently required for a building under 18 metres in height.

In the United Kingdom, firefighting shafts are only required by fire regulations in buildings that are more than 18 metres in height or have a basement deeper than 10 metres. Specifically, for buildings with a storey more than 18 metres above the fire and rescue service vehicle access level, one or more firefighting shafts containing firefighting lifts are necessary. These regulations aim to enhance safety and ensure that firefighters can effectively access buildings during emergencies.

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.

Fire Extinguishers are not provided in the common areas of flats as residents are unlikely to be trained in their use and it could result in a potentially unsafe situation, where a resident exits the flat to retrieve a fire extinguisher and then re-enters the flat of fire origin putting themselves at increased risk.

Is adequate fire brigade access available to the building?

YES

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

To support the Fire Service when attending the property to position fire appliances as close to the building as reasonably practical.

Are there suitable floor numbers/wayfinding signage at each level?

N/A

This property is under 11m and therefore, is not required to be fitted with wayfinding signage.

Management and Housekeeping

6 Controls

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?

YES

A stay put policy is in place, and this is supported by adequate compartmentation. The flat of fire origin should evacuate and request Fire Brigade attendance; all other flats should stay in place.

Are suitable records held relating to maintenance and management?

YES

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

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

Arches Housing is seen to be the 'responsible person' for the premises. The designated 'Safety Assistant' is Nicola Maguire.

Have any occupants been identified that may be deemed to be especially at risk?

NO

No persons were identified at the time of the assessment, however, due to the nature and use of the building block, it is foreseeable that vulnerable groups including the elderly, young children and persons with a disability may occupy or visit the building.

To ensure any individuals who require further assistance are addressed as required.

Were all relevant areas of the building accessed as part of the assessment?

YES

The Risk Assessor accessed all relevant areas of the property at the time of this type 1 Fire Risk Assessment.

Other Actions and Controls

1 Control

Findings in this section have not been linked to a section or question.

The isolator switches for the Photovoltaic Panels are located within the roof void.





5 ACTION PLAN

Flat 33 was sampled. A smoke detector has been installed within the hallway. The kitchen has no fire detection devices fitted.

It is recommended that all flats are fitted with a hardwired BS5839 Part 6 Grade D part 6 D1 system with a smoke detection head in the hallway and a heat detection head within the kitchen. Residents must be shown how to test the detection heads weekly.

To ensure the early warning of fire with built in redundancy in case of a an electrical power loss to the building.

REFERENCE RB-FRFZ88 DUE 09/07/2025 LOCATION Flats internally. CATEGORY Maintenance: Fire Alarms



COMPLETED ON / BY

Personal items were found being stored in the means of escape. Items should be removed and the means of escape kept clear.

В

To prevent fire loading and trip hazards.

REFERENCE RB-8U59JZ DUE 09/07/2025 CATEGORY Procedures: Housekeeping









COMPLETED ON / BY

Action Plan

Storage of combustible items noted in the electrical cupboards. Remove the combustible items and keep the cupboards locked shut.

R

To prevent fire loading.

REFERENCE RB-KDF2EH DUE 09/07/2025 LOCATION Ground floor electrical cupboard. CATEGORY Procedures: Housekeeping

ACTION CONTINUES..



..ACTION CONTINUED





COMPLETED ON / BY

There is very little detail provided on the current fire action notice. It is recommended that the fire action notices be changed with more detailed ones, explaining the evacuation policy.

E

To ensure that occupants know what to do if there is a fire.

REFERENCE RB-5WQUQ1 DUE 09/07/2025 LOCATION Common areas.
CATEGORY Building: Signage



COMPLETED ON / BY

Ensure the emergency lighting system is maintained appropriately and records are kept, in accordance with BS 5266. Records for 3 monthly testing were on site, last tested 19/02/2025. Recommend monthly testing.

C

Records were either not made available, or within the recommended testing frequency and, or, identified faults or remedial actions being required.

REFERENCE RB-YNLMR1 DUE 09/10/2025 LOCATION Records held centrally. CATEGORY Procedures: Log Books

COMPLETED ON / BY

The electric cupboard door has an excessive door jamb gap on the latch side. The hinges should be adjusted to close door jambs to a minimum of 2mm and a maximum of 4mm.

C

To protect the means of escape from fire and smoke.

REFERENCE RB-CVLKFC DUE 09/10/2025 LOCATION Electric cupboard.
CATEGORY Building: Doors







COMPLETED ON / BY



6 PHOTOS

























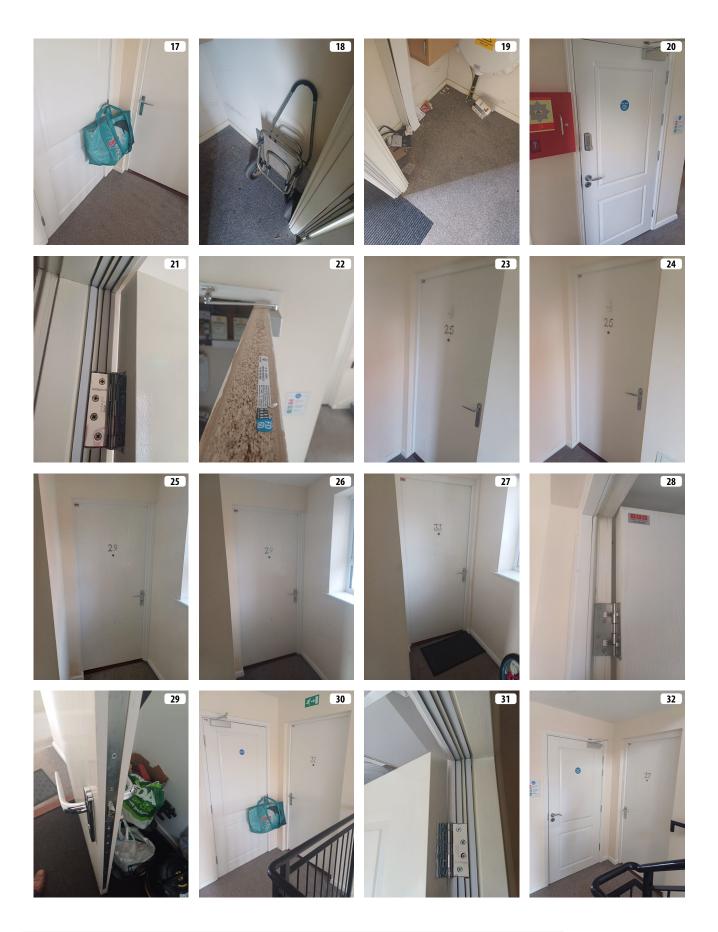








Photos Continued...





Photos Continued...

