

Fire Risk Assessment 1-36 Repton House Version 7

7 August 2023



Review Date: 7 August 2024 Score: Tolerable Risk Assessor: Mark Thomas

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Action Plan Summary

Task No.	Category	Sub Category	Action Required	Priority	Status	Action Taken	Date Completed
1	Signs & Notices	Fire Door Signage	Provide Fire Door Keep Closed signs on the following doors: Staircase and cross corridor doors and staircase doors have signage fitted, however some are worn and require replacement.	Low	Identified		
2	Escape Routes & Fire Spread	Construction and Glazing	Provide fire stopping at the following locations: Small hole in ceiling within the cleaners cupboard, ground floor.	Medium	Identified		
3	Escape Routes & Fire Spread	Construction and Glazing	Replace inspection hatches to maintain the required levels of compartmentation.	Medium	Identified		

4	Fire Prevention	Arson	Do not store combustible materials adjacent to the building.	Medium	Identified
			VERSION 3: A number of items remain on the roof terrace, however, given the nature and use of this space this may be expected. This area should be continually monitored to ensure the number of items do not become excessive or are stored next to the building.		
			VERSION 5: The number of items present has been significantly reduced following efforts made by the neighbourhood officer in liaison with residents. Providing the solid food barbecue is removed and such ignition sources are prohibited then the number of items present would be deemed acceptable.		

5	Escape Routes & Fire Spread	Dampers, Ducts and Chutes	Confirm if the ductwork in the following locations is adequately protected to prevent fire and smoke spread: A vent is located on each floor which is not part of the smoke ventilation system, and is possibly part of an environmental air handling system. There is also a ceiling vent at the end of each corridor which also does not form part of the smoke ventilation system. It should be confirm that these ducts and vents are properly protected by either intumescent systems, or automatic dampers to ensure smoke spread is not possible via this route through common parts of the building and/or onto flats. VERSION 3: it is not known whether this task has been completed.	Medium	Identified
6	Escape Routes & Fire Spread	Ease of Use	Bikes should not be stored as to obstruct escape routes. Outside flats 21 and 24.	Medium	Identified

Introduction

This report presents the significant findings of a fire risk assessment carried-out at the premises by QFSM Ltd. The scope, format and limitations of the fire risk assessment have been discussed and agreed with the client.

The scope of the assessment does not include individual dwellings. Notwithstanding any statement or recommendation made with respect to smoke/heat alarms within dwellings, it is always recommended as best practice to ensure that working smoke alarms are provided in all dwellings at least to a BS 5839-6 Category LD3 standard. These should ideally be Grade D alarms (mains powered with integral battery back-up), although Grade F alarms (battery powered only) are a reasonable short term measure.

The report includes an action plan which contains recommended tasks, each with a suggested due date. These due dates are only our suggestions, and may or may not be appropriate, depending on individual circumstances such as financial constraints and requirements of enforcing authorities.

The premises risk score was assessed at the time of the fire risk assessment, and a recommended review date has been provided. The actual level of risk may change over time, as a result of tasks being completed, or new risks arising. Regardless of the review date, the fire risk assessment should be reviewed regularly so as to keep it up to date and particularly if:

• there is reason to suspect that the fire risk assessment is no longer valid; or

• there has been a significant change in the matters to which the fire risk assessment relates.

If you have any queries please contact QFSM Ltd at office@qfsmltd.co.uk.

Executive Summary

Version 1

This building is of relatively recent construction, and is generally in a good stare of repair.

There are some minor issues regarding residents having obstructions on escape routes as detailed in this report.

Compartmentation appears to be of an acceptable standard, except in riser cupboards on the top floor where the compartment walls do not appear to carry all the way up to the ceiling/roof which may allow smoke/fire spread between compartments via this route. There has also been some maintenance work where ceiling panels have been removed and not replaced which may compromise fire separation.

There is an environmental air handling system in the common corridors. It should be confirmed that the ducting to this system is properly protected by acceptable methods to ensure it is protected against fire/smoke spread through the ducting.

Giving consideration to the general fire safety arrangements within the building, and the tasks required as detailed within this report, it is assessed that this building presents a tolerable risk.

Version 2

A contractor was on site at the time of this inspection and was finishing the fire stopping in the riser cupboards. New fire doors have also recently been fitted to the riser cupboards.

VERSION 3:

A Type 1 Fire Risk Assessment has been conducted.

The previous FRA for this building was reviewed prior to this inspection, paying particular attention to any tasks generated by that FRA. During this inspection these tasks were inspected where access was possible, to ascertain if the recommended remedial work had been completed, and comments regarding the progress of any remedial work made accordingly.

There still remains some combustible items in common escape routes. In many cases this is limited to shoes outside flat entrance doors, but there are also prams and large boxes in common escape routes which should be removed. There were also some combustibles located in riser cupboards, as identified in this report.

Some cross-corridor doors did not close fully on the action of the self closer. This is possibly due to them being recently painted - however they should be adjusted to ensure they fully close when released from the hold open device. It is also the case that some locks to riser cupboards require repair as they appear to have been painted over.

The external walls are clad in some form of composite cladding material. This may be a High Pressure Laminate material although this cannot be confirmed within the scope of this inspection. Formal confirmation of the composition of this material should be sought.

Giving consideration to the general fire safety arrangements within the building, and the tasks recommended as detailed within this report, it is assessed that this building presents a tolerable risk.

VERSION 4, 02/10/2020

This review has been carried out following an intrusive survey on this building by Cladtech Associates Ltd (CTA Ltd) The survey included the external facade wall systems.

The findings of the subsequent CTA Ltd report ref: SK/kp/5267 dated 21.08.2020 have been considered and it is recommended that the evacuation strategy for this building be changed to Simultaneous Evacuation in line with the guidance contained within the National Fire Chiefs Council document entitled "Guidance to support a temporary change to a simultaneous evacuation strategy in purpose-built flats" issued 01/05/18.

This should involve the installation of a common fire alarm, extended into every flat, and the introduction of a 24/7 "waking

fire watch" until the common fire alarm system is installed to the recommendations of Appendix 2 of the NFCC guidance document.

Consideration should also be given to the provision of a fire suppression system within the flats themselves as an alternative to the considerable remedial works outlined in conclusions of the CTA Ltd report.

The remedial work regarding the external wall systems highlighted in the CTA Ltd report should be replaced or appropriately remediated following consultation with a suitably qualified chartered fire engineer.

In light of the above findings, the risk score for this building has been amended to a Moderate Risk.

VERSION 5:

The previous FRA for this building was reviewed prior to this inspection, paying particular attention to any tasks generated by that FRA. During this inspection these tasks were inspected where access was possible, to ascertain if the recommended remedial work had been completed, and comments regarding the progress of any remedial work made accordingly.

It was noted that there remains a number of tasks outstanding from the previous FRA which detail recommended remedial work required to ensure the safety of the building and that it is compliant with relative fire safety regulations and guidance. It is imperative that such remedial work is carried out within the recommended time frames given.

Previous fire risk assessments highlighted concerns regarding the amount of combustible items and ignition sources present on the roof of the building. This area is accessible by residents and is used as an out door space for recreation and relaxation and includes large planters and seating. Of additional concern was the presence of a solid fuel barbecue. Efforts have been made by the neighbourhood officer in liaison with residents to remove much of the combustible items from the roof space. However, some items remain and were it not for the continued presence of a solid fuel barbecue, the amount of items would be considered acceptable. It is therefore recommended to enforce a robust 'zero tolerance' policy for ignition sources particularly naked flames on the roof space so that these items can remain in place. This is of particular concern until the remedial work on the external walls of the building have been completed. Waking-watch patrols should regularly patrol the roof space to ensure barbecues are not in use.

Following the findings of an intrusive external wall survey, the evacuation strategy in place in this building has moved from a stay put policy to a simultaneous evacuation strategy. Version 4 of this fire risk assessment acknowledged the findings of the intrusive external wall survey and made further recommendations to ensure that additional interim fire safety measures were put in place to support the temporary move to a simultaneous evacuation strategy in line with the guidance given in the NFCC guidance document.

It was noted during this fire risk assessment that aside from the provision of a 24/7 waking watch, no additional fire safety measures (such as a common fire alarm interlinked to fire alarms provided within flats) have been provided. Following discussion with the neighbourhood officer, it is understood that remedial work to remedy the failings of the external wall system is due to take place imminently. This may be the reason why all of the recommendations of the NFCC guidance document have not yet been put in place, however, if remedial work is protracted and significant time is going be taken in order to fully remedy the external wall issues then it should be considered to provide all measures to support the temporary move to a simultaneous evacuation strategy as detailed in the previous FRA.

Due to current government guidelines regarding the current COVID-19 pandemic, access into flats to confirm the provision and standard of fire resisting flat entrance doors, or the provision and standard of fire alarms within flats was not possible. Inspection of flat entrance doors was made by external examination only, taking into account the age and condition of the doors, and where possible referring to previous FRAs where more detailed information regarding flat entrance doors and fire alarm provision may be found.

Records for the testing and maintenance of fire safety related systems are not kept on site. These are managed centrally and are held at the ISHA Head Office.

The wall, floors and stairs in the common areas are of masonry/concrete construction.

As expected, there is no common fire detection and alarm system, which supports the Stay Put strategy appropriate for the

building.

The standard of housekeeping throughout the building was found to be unsatisfactory, with an unacceptable amount of combustible items and obstructions located in common areas.

The provided Fire Action Notice is incorrect and is one intended for a building with a stay-put evacuation policy in place. This building has a temporary move to a simultaneous evacuation policy and it is imperative that the correct Fire Action Notice is provided to ensure residents and visitors are aware of this change and the action they should take in the event of a fire. A letter highlighting the temporary move to a simultaneous evacuation strategy has been posted on the building noticeboard, although it is not particularly conspicuous amongst other signs and notices have been placed on this board. Considering the high importance of all residents being aware of the actions which they should take in the event of a fire or on hearing an alarm, this notice should be posted in a prominent position near the main entrance door.

Giving consideration to the general fire safety arrangements within the building, and the tasks recommended as detailed within this report, it is assessed that this building presents a moderate risk.

Version 6 - Desktop review Feb 2022

QFSM Ltd have been provided with a copy of a report entitled 'Fire Safety Review of External Walls and Attachments' dated 8/2/22 carried out by CHPK Fire Engineering and a copy of the EWS1 form which attracted a B1 rating.

This report was based upon the findings of an intrusive survey which identified the technical makeup of the external wall system.

The CHPK a report concludes that in the event of a fire in a flat or on a balcony, it is unlikely that heat or smoke would present a risk to any occupants who are evacuating.

The report concludes that the risk to life posed by fire spread via external wall systems is TOLERABLE and no further remedial works are required.

As a consequence of the findings of this report, the overall risk rating of this fire risk assessment has been lowered to TOLERABLE and it is recommended that the Waking Watch is no longer required.

Premises Details

Building Information

Address line 1	1-36 Repton House
Address line 2	2 Jacks Farm Way
Town	Highams Park
Postcode	E4 9AE
FRA Type	Type 1 - Common parts only (non- destructive)

Description

A Type 1 fire risk assessment has been conducted at this building. This means the inspection of the building has been nondestructive. As well as considering the arrangements for means of escape, the fire risk assessment has included, where possible, the examination of a sample of flat entrance doors. It has also considered, so far as reasonably practicable, the separating construction between the flats and the common parts without any intrusive examination of construction. This Type of fire risk assessment has not involved entry to flats beyond the area of the flat entrance door.

Client	ISHA
Use	Purpose-built, self-contained flats
Number of floors - ground and above	4
Number of floors - below ground	0
Number of flats	36
Number of stair cores	1

Approach to flats

• Via protected lobbies / corridors

Approximate period of construction

2010-2020

No

Is the top occupied storey over 18 metres above access level?

Construction details

The building is of concrete and steel construction, with concrete floors and a steel internal protected staircase. There is a single car lift (not firefighting) serving all floors.

The exterior of the building has panelled cladding which appears to be a composite boarding material.



External walls with balconies rear elevation



Construction of private balconies



External walls - front elevation

External wall details

The external walls are clad in some form of composite cladding material. This may be a High Pressure Laminate material although this cannot be confirmed within the scope of this inspection.

Formal confirmation of the composition of this material should be sought.

VERSION 4: An intrusive facade investigation has been undertaken by CTA Ltd and their findings regarding the materials used in the wall build up, and the methods and quality of construction used are detailed in their report, SK/kp/5267.

VERSION 6 - Feb 22

A further report and EWS1 form has been provided by CHPK Fire Engineering which has resulted in a B1 EWS1 rating and a TOLERABLE risk rating for external fire spread.

Are there any private balconies?

Yes

Private balcony details

Glazed up-stands with metal decks.

Whilst beyond the scope of the Fire Safety Order, as a private balcony is not part of the common area, residents should be advised about the risks arising from the presence of combustible materials on balconies. They should make clear that smoking, the use of barbecues and storage of flammable property on balconies can increase that risk. Advice from fire and rescue authorities is also clear that barbecues should not be used on balconies. (MHCLG Advice Note on Balconies on Residential Buildings, 2019)

People

Are there any people especially at risk from fire?

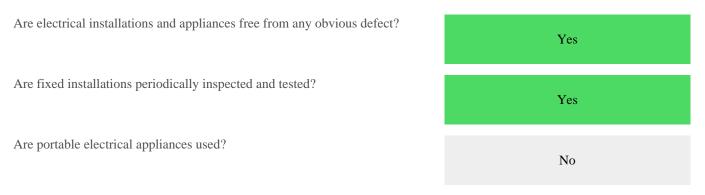
No

Comments

These are general needs flats and as such no specific occupancy risk identified. Tenants are presumed to be a typical cross section of public and could include visitors and contractors. It is assumed that all occupants and visitors are capable of using the means of escape unaided to reach a place of ultimate safety.

Fire Prevention

Electrical



Comments

The ISHA Neighbourhood Officer confirmed that all maintenance is organised centrally by ISHA and records are held at the ISHA Head Office.

There is a damaged light fitting on the first floor ceiling.



Damaged light fitting on the first floor

Gas	
Are gas installations and appliances free from any obvious defect?	N/A
Is gas equipment protected/located so as not to be prone to accidental damage?	N/A
Comments	
There are no gas installations in the common areas.	
Heating	
Are fixed heating installations free from any obvious defect?	N/A
Are portable heaters used?	No

Cooking

Does cooking take place on the premises?

Comments

Cooking does not take place in the common areas but there is a barbecue on the roof top decked area.

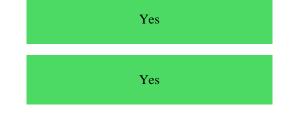


Barbecue on roof

Arson

Is security against arson reasonable?

Is there a reasonable absence of external fuels and ignition sources?



No

Comments

Access to the building is gained via a secured (key fob) main entrance door.

The staircase doors and the lift can only be operated after the key fob is presented.

There is an amount of combustible waste and a barbecue in the timber decked roof top garden which should be removed.

Residents should reminded of the risks posed by using barbecues on timber decking.



Combustible storage on roof top garden.



Barbecue and lighting fluid in roof top garden

Housekeeping

Is accumulation of combustibles or waste avoided?	No
Are there appropriate storage facilities for combustible & hazardous materials?	N/A

Comments

Once the fire stopping and decorating work is complete all plant rooms and riser cupboards should be cleared of storage.



Ground floor plant room being used as a store Building Works



Combustible materials in riser cupboards

Are there any hot works being carried-out at this time?	No
Are the premises free of any obvious signs of incorrect hot work procedures in the past?	Yes
Smoking	
Are there suitable arrangements taken to prevent fires caused by smoking?	Yes
Comments	
"No Smoking" signage is provided.	
Dangerous Substances	
Are dangerous substances present, or liable to be present?	No
Lightning	
Is a lightning protection system installed?	No

Escape Routes & Fire Spread

Ease of Use

Are exits easily and immediately openable?

Do fire exits open in direction of escape where necessary?

Are escape routes unobstructed and safe to use?

Are there reasonable measures for the evacuation of disabled people?



Reasonable items in escape route as long as they are kept to one side.

Dimensions

Are travel distances reasonable?

Is there sufficient exit capacity?



Items should not be stored in the staircase

Yes
Yes

Yes
Yes
Minor Defects
Yes
105

Fire Doors

Doors which are expected to be fire resisting:	 Cross-Corridors Flats Plant Rooms Risers Staircases
Cross-Corridor Doors	• FD30S self-closing
Flat Doors	• FD30S self-closing
Plant Room Doors	• FD30S
Riser Doors	• FD30S
Staircase Doors	• FD30S self-closing
Are fire doors to a suitable standard?	Yes
Is there suitable provision of self-closing devices?	Minor Defects
Is there suitable provision of hold-open devices?	Yes
Are doors kept locked where appropriate?	Yes

Comments

As part of this Type 3 Fire Risk Assessment, access was gained into a sample flat to assess the suitability of flat entrance doors, and any internal doors which open onto the entrance hallway.

Access was gained into flat 34 which has an entrance door fitted to FD30S SC standard. The internal doors which open onto the entrance hallway are also fire resisting.

The remainder of flat front doors within the building could not be assessed due to access. However, these all appear to be of the same age, condition and design of those which were accessed and were probably all installed at the same time. It is therefore reasonable to assume that they are of the same fire resisting standard.

The provision and condition of self closing devices, intumescent strips/cold smoke seals, and effective door closing action of these doors however could not be assessed and this should be confirmed ensure all doors afford FD30S SC standard of fire resistance.

The staircase door, opposite flat 13, does not completely close on the action of the self closing device.



Ground floor corridor door not closing fully



Fire door Certification on riser cupboard doors



First floor staircase door wedged open



Fire door certificating on riser cupboard doors

Construction & Glazing

Are escape routes protected with suitable walls and floors?	Yes
Is there adequate compartmentation?	Yes
Is there reasonable limitation of linings that might promote fire spread?	Yes
Glazing which is expected to be fire resisting, inc vision panels and fanlights:	• Staircases
Staircase Glazing	• 30 mins E
Is glazing reasonable and free from any obvious defects?	Yes

Comments

Fire stopping was being carried out by contractors at the time of this inspection.

VERSION 4: An intrusive external wall facade investigation has been undertaken by CTA Ltd and their findings regarding the materials used in the wall build up, and the methods used are detailed in their report, ref:SK/kp/5267.

Remedial work regarding the external walls as recommended within the CTA Ltd report should be carried out.



Acid etching on door glazing



Cladding to building exterior which is a composite boarding - not ACM



It was not possible to access this external door.

Dampers, Ducts & Chutes

Are there suitable measures to restrict fire spread via ducts and concealed spaces?

Not Confirmed

Comments

A vent is located on each floor which is not part of the smoke ventilation system, and is possibly part of an environmental air handling system. There is also a ceiling vent at the end of each corridor which also does not form part of the smoke ventilation system.

It should be confirm that these ducts and vents are properly protected by either intumescent systems, or automatic dampers to ensure smoke spread is not possible via this route through common parts of the building and/or onto flats.

Smoke Ventilation

Areas where smoke ventilation is expected:

- Corridors
- Staircases

Corridors

• Natural Vent into Shaft - Automatic

Yes

Staircases

- Is smoke ventilation reasonable and free from any obvious defects?
- Natural Vent Automatic



Smoke shaft door in the corridor

Detection & Warning

Control Equipment

Is an electrical fire alarm system expected?	
	Yes
Is a fire detection and/or alarm system provided?	Yes
Areas covered	Communal areas
Communal Areas	
System Category	• BS 5839 Pt1 Category L5
Cause & Effect	 Operates smoke ventilation Releases held-open doors
Is the control equipment suitably located?	Yes
Is the control equipment free from any obvious fault or defect?	Yes

Panel condition at time of inspection. Manual Fire Alarms

Are there sufficient means of manually raising an alarm?

Are manual callpoints appropriately located and free from obvious defect?

N/A N/A

Version 7

Fire Risk Assessment 1-36 Repton House

Automatic Fire Detection

Is there sufficient provision of automatic fire detection?	Yes
Is the type of automatic fire detection suitable and free from obvious defect?	Yes

Comments

As part of this Type 3 Fire Risk Assessment access was gained into a sample flat to assess the provision and suitability of fire alarms.

Access was gained into flat 34 which has a fire alarm provided to BS5839-6 LD2 standard.

It is always recommended as best practice to ensure that working smoke alarms are provided in all dwellings at least to a BS 5839-6 Category LD3 standard. These should ideally be Grade D alarms (mains powered with integral battery back-up), although Grade F alarms (battery powered only) are a reasonable short term measure.

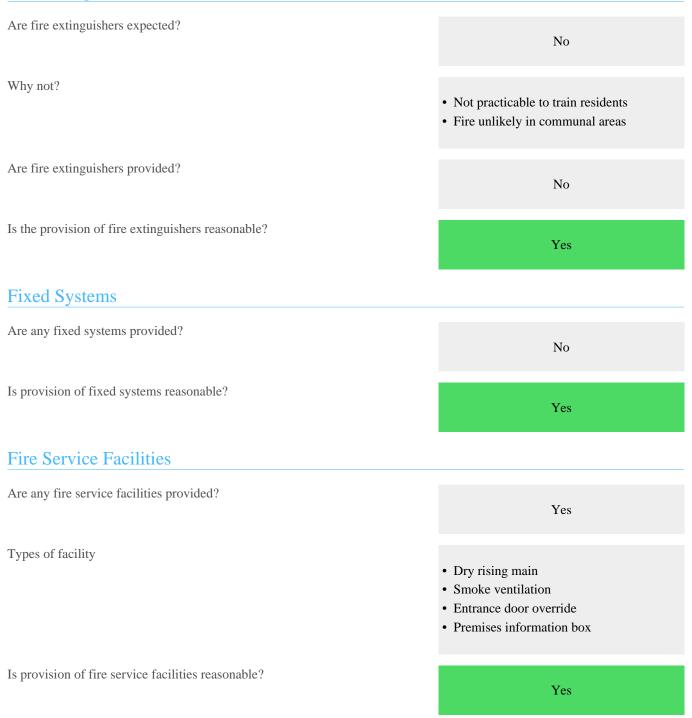
Audibility

Are there adequate means of alerting all relevant persons?

Yes

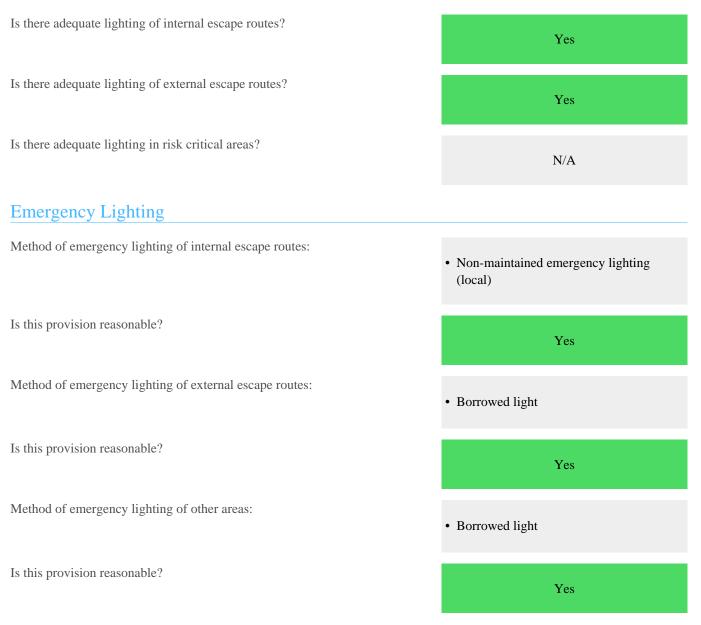
Firefighting

Fire Extinguishers



Lighting

Normal Lighting



Comments

Although this inspection took place during daylight hours, given the provision of street lighting in the immediate vicinity and lighting provided by surrounding buildings, it is reasonable to assume there would be sufficient borrowed light to aid escape in these areas.

Signs & Notices

Escape Routes

Is escape route signage necessary?	Yes
Is escape route signage provided?	Yes
Is provision of escape route signage suitable?	Yes
Fire Doors	
Is there signage suitable for self-closing fire doors?	Yes
Is there signage suitable for locked fire doors?	Yes
Is there signage suitable for automatic fire doors?	Yes

Other Signs & Notices

Is there suitable signage for fire service facilities?	Yes
Are fire action notices suitable?	Yes
Are there suitable notices for fire extinguishers?	N/A
Is there suitable zone information for the fire alarm system?	N/A

Comments

Addressable fire panel provided.



"Stay put" Fire Action Notices should be removed



"No Smoking" signage provided.

Fire Safety Management

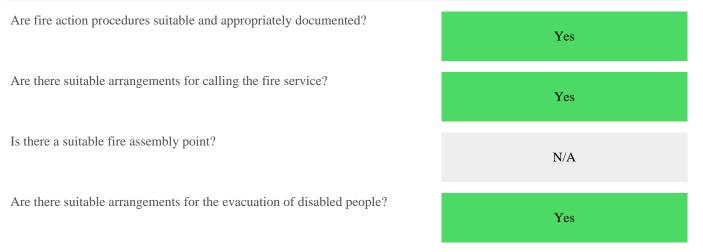
Procedures & Arrangements

Current evacuation policy

Stay Put

Further details

Now the external wall system issues have been resolved, this building can safely operate a stay put evacuation policy.



Comments

These are general needs flats and as such no specific occupancy risk identified. Tenants are presumed to be a typical cross section of public and could include visitors and contractors. It is assumed that all occupants and visitors are capable of using the means of escape unaided to reach a place of ultimate safety.

Training & Drills



Comments

The ISHA Neighbourhood Officer confirmed that all maintenance is organised centrally by ISHA and records are held at the ISHA Head Office.

Record Keeping

Were fire safety records available?

No

Comments

The ISHA Neighbourhood Officer confirmed that all maintenance is organised centrally by ISHA and records are held at the ISHA Head Office.

Tasks

Task 1

Source Version	3
Category	Signs & Notices
Sub Category	Fire Door Signage
Action Required	Provide Fire Door Keep Closed signs on the following doors:
	Staircase and cross corridor doors and staircase doors have signage fitted, however some are worn and require replacement.
Priority	Low
Status	Identified
Owner	Customer Homes
Due Date	3 June 2021



Task 2

Source Version	3	
Category	Escape Routes & Fire Spread	
Sub Category	Construction and Glazing	
Action Required	Provide fire stopping at the following locations:	
	Small hole in ceiling within the cleaners cupboard, ground floor.	
Priority	Medium	
Status	Identified	
Owner	Customer Homes	
Due Date	2 December 2020	

Task 3

Source Version	3
Category	Escape Routes & Fire Spread
Sub Category	Construction and Glazing
Action Required	Replace inspection hatches to maintain the required levels of compartmentation.
Priority	Medium
Status	Identified
Owner	Neighbourhood Services
Due Date	2 December 2020



Task 4

Source Version	2	
Category	Fire Prevention	
Sub Category	Arson	
Action Required	Do not store combustible materials adjacent to the building.	
	VERSION 3: A number of items remain on the roof terrace, however, given the nature and use of this space this may be expected. This area should be continually monitored to ensure the number of items do not become excessive or are stored next to the building.	
	VERSION 5: The number of items present has been significantly reduced following efforts made by the neighbourhood officer in liaison with residents. Providing the solid food barbecue is removed and such ignition sources are prohibited then the number of items present would be deemed acceptable.	
Priority	Medium	
Status	Identified	
Owner	Neighbourhood Services	
Due Date	23 July 2020	

Task 5

Source Version	1
Category	Escape Routes & Fire Spread
Sub Category	Dampers, Ducts and Chutes
Action Required	Confirm if the ductwork in the following locations is adequately protected to prevent fire and smoke spread:
	A vent is located on each floor which is not part of the smoke ventilation system, and is possibly part of an environmental air handling system. There is also a ceiling vent at the end of each corridor which also does not form part of the smoke ventilation system.
	It should be confirm that these ducts and vents are properly protected by either intumescent systems, or automatic dampers to ensure smoke spread is not possible via this route through common parts of the building and/or onto flats.
	VERSION 3: it is not known whether this task has been completed.
Priority	Medium
Status	Identified
Owner	Customer Homes
Due Date	12 February 2019



Task 6

Source Version	5
Category	Escape Routes & Fire Spread
Sub Category	Ease of Use
Action Required	Bikes should not be stored as to obstruct escape routes.
	Outside flats 21 and 24.
Priority	Medium
Status	Identified
Owner	Neighbourhood Services
Due Date	5 October 2021



Risk Score

Risk Score

Next Assessment Due

Likelihood

High

Medium

Low

Moderate Harm Slight Harm Extreme Harm Moderate **Substantial** Tolerable Substantial Moderate Trivial Tolerable Moderate

Potential Consequence

Likelihood

Low	Unusually low likelihood of fire as a result of negligible potential sources of ignition.
Medium	Normal fire hazards (e.g. potential ignition sources) for this type of occupancy, with fire hazards generally subject to appropriate controls (other than minor shortcomings).
High	Lack of adequate controls applied to one or more significant fire hazards, such as to result in significant increase in likelihood of fire.
Consequence	
Slight	Outbreak 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).
Moderate	Outbreak of fire could foreseeably result in injury (including serious injury) of one or more occupants, but it is unlikely to involve multiple fatalities.
Extreme	Significant potential for serious injury or death of one or more occupants.

Tolerable Risk

7 August 2024