

Hammersmith and Fulham by FCMS



Fire Risk Assessment of:	Sharnbrook House, 61 Marchbank Road, London, W14 9PL
Author of Assessment:	Ronnie Archer Fire Risk Assessor
Quality Assured by:	Nicola Heywood - Administrator
Responsible Person:	Jonathan Pickstone
Risk Assessment Valid From:	20/09/2023
Risk Assessment Valid To:	20/09/2024

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Building Features

Approximate Square Area of the Building:	275
Number of Dwellings:	52
Number of Internal Communal Stairs:	1
Number of External Escape Stairs:	0
Number of Final Exits:	2
Number of Storeys	10

Is there a Basement Present?	No
Is Gas Installed to Building?	yes
Are Solar Panels Installed on Building?	no

Number of Occupants:	Based on 2 occupants per dwelling 52 x 2 = 104
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Current Evacuation Policy:	Stay Put Procedure
Recommended Evacuation Policy:	Stay Put Procedure

Last LFB Inspection:

Survey Findings:

<p>Building Construction & Layout:</p>	<p>A detached 9-storey high-rise purpose-built block circa 1970s, containing 52 flats, laid out 6 per floor on floors 1–8, with 4 flats located on the ground floor. The building is of traditional masonry construction with concrete floors and staircase and a flat roof. Lightning protection is installed. 2 refuse stores located at the rear of the property serve the waste hoppers on all floors which are secured by FB padlocks. There is 1 main entrance accessible by a call bell system, resident fob, and drop-down key, this leads into an enclosed lobby containing 2 lifts, entrances to 2 accommodation corridors, and the stairwell. The accommodation corridors are protected by FD30S doors leading to access to the ground-floor flats. This corridor also contains internal Electric intake/riser cupboards. The corridor also leads into a protected lobby to a 2nd final exit at the rear of the block. The corridors lead onto a single protected stairwell leading to all floors in the block which are protected by fire-rated doors. 2 accommodation corridors are protected by FD30S doors, and lead onto the flats on each floor. At the top of the stairwell is a permanent fixed open vent. Each accommodation floor has a door and window with fixed open louvers for ventilation and the door leads onto a balcony containing the waste hoppers. All floors have external waste hoppers located on balconies which are accessed by FD30S doors that serve the 2 refuse bins. Each floor contains electrical riser cupboards protected by FD30S doors and other service cupboards protected by FD30S doors. Emergency Lighting and Wayfinding Exit signage are displayed throughout the building on all floors and in all the means of escape, stairwell, and corridors. New secure by design/BM Trada flat entry doors with integral self-closing devices are fitted throughout the block. The block is served by dry risers on all floors. The centrally located passenger lift serves all floors from the ground to the 8th floor with the lift motor room located on the roof and accessed from the 8th floor. A communal garden and resident permit parking is located at the front of the property, and on-street parking is available by phone or pay and display.</p>
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<p>Executive Summary</p>	<p>Under LBHF standard inspection requirements a minimum of 10% of dwellings are included in the Type 1 survey. At the time of this survey, there are no COVID-19 restrictions in place, although there may be occasions where verbal information regarding detection has been taken due to residents' issues with regard to access to private dwellings. Where a flat audit has not been carried out due to No Access to flats, through resident non-response – this has been noted in the added summary information below. There are a number of areas of improvement that have been identified during the survey, and these have been raised in this report to bring the building up to a high standard of fire safety; • Ensuring lightning strip testing has been carried out to comply with BS 62305. • Ensuring that the emergency lighting is confirmed as being tested to comply with BS5266. • Ensuring electrical hazard warning signage and keep locked signage are displayed on all the electrical intake and riser cupboards on all floors. • Ensuring that the electrical intake cupboard door is inspected to confirm it is a compliant FD30s door. • Ensuring an EICR has been completed to BS 7671 and any raised condition issues are suitably actioned. • Ensuring any identified breaches present in fire stopping within the electrical intake cupboard are remediated. • Ensuring no unauthorised storage or CO2 extinguishers are present within the electrical intake cupboard, any identified should be removed. (The assessor was unable to open the cupboard due to the locking mechanism not opening by FB key). • Ensuring adequate fire exit signage is displayed in the corridors on Floors 2 and 8. • Ensuring compliant DO NOT USE LIFT in the event of fire signs are displayed by Lift A on the ground floor. • Ensuring that the stairwell Fire Doors are FD60S compliant. • Ensuring all the communal doors have compliant fire door and keep shut signage displayed. • Ensuring the remaining flat doors are surveyed in unaudited flat(s) to ensure they meet current benchmark standards, and action to bring any audited and non-compliant flat doors to current benchmark standards. • Ensuring all audited flats install adequate detection to BS 5839-6 to ensure they are provided adequate early warning of fire. • Ensuring a detection survey is carried out in the remaining unaudited flat(s), to ensure they are provided adequate early warning of fire, ensuring adequate detection is installed where identified as required. • Ensuring items are removed from the riser cupboard on floor 8. • Ensuring appropriate information is located in the SIB for the Fire Service. • Ensuring trip hazards are removed from internal escape route corridors on floors 6 and 7. • Ensuring the LBHF service that identifies and provides resources e.g. care line facility, to all current and future identified vulnerable residents in the event of a fire is taking place including PCFRA and PEEPS where necessary. Ensuring an emergency evacuation alert alarm system is in place. • Ensuring LBHF emergency contact details are clearly displayed within the building.</p>
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Hammersmith and Fulham by FCMS

Guidance

Copyright:

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Scope of Assessment:

This FRA has been carried out on behalf of the 'Responsible Person' in accordance with Article 9 of the requirements of the Regulatory Reform (Fire Safety) Order 2005 (FSO). The purpose of this report is to provide an assessment of the risk to life from fire in this premise and where appropriate, to identify significant findings to ensure compliance with fire safety legislation as obliged observing current best practice, providing a minimum fire safety standard.

This report reflects the fire safety standards identified during inspection and does not address the risk fire may pose to property or business continuity.

In order to carry out this fire risk assessment the assessor has used their professional expertise, judgement and guidance contained in the British Standards Institute's publicly available specification (PAS 79: 2012), the Department for Communities & Local Government guidance, 'Fire Safety Risk Assessment - Sleeping Accommodation', Local Authorities Coordinators of Regulatory Services (LACORS) 'Housing Fire Safety' guidance and NFCC guidance 'Fire Safety in Specialised Housing'.

Which provides best practice guidance on fire safety provisions in England for certain types of existing housing; as well as the Local Government Association (LGA) Guidance 'Fire safety in purpose-built blocks of flats'.

The aim of the fire risk assessment process is not necessarily to bring an existing building up to the standard expected for a new building, constructed under current legislation. Rather, the intention is to identify measures which are practicable to implement in order to provide a reasonable level of safety for people in and around the premises. Information for the completion of this assessment was obtained by a physical type 1 survey, in compliance with LBHF policy and for the purpose of satisfying the FSO. The inspection of the building is non-destructive. The fire risk assessment will consider the arrangements for means of escape and so forth that will include examination of at least a sample of flat entrance doors. It also considers, so far as reasonably practicable, the separating construction between the flats and the common parts without any opening up of construction; however, in this type of survey, entry to flats beyond the area of the flat entrance door, is not involved as there is normally no automatic right of access for freeholders.

If your premises have been designed and built in line with modern building regulations (and are being used in line with those regulations), your structural fire precautions should be acceptable. While every effort is made to inspect fire compartmentation & fire separating elements of buildings, dependant on accessibility, including roof spaces, voids and service risers, to assess the integrity, comments reflect reasonable assumption. Unless there is reason to expect serious deficiencies in structural fire protection – such as inadequate compartmentation, or poor fire stopping – a type 1 inspection will normally be sufficient. Where doubt exists in relation to these matters, the action plan may recommend that one of the other types of fire risk assessment be carried out or that further investigation be carried out by specialists. (Any such recommendation would be based on identification of issues that justify reason for doubt.)

The FRA includes an Action Plan that sets out measures to enable the Responsible Person to achieve this benchmark risk mitigation level, satisfy the requirements of the FSO and to protect Relevant Persons (as defined in Article 2 of the FSO), from the risks of fire.

Hammersmith and Fulham by FCMS

Compartmentation and Building Features

From a Type 1 inspection perspective, are there breaches identified effecting compartmentation along the escape route?	No
From a Type 1 inspection perspective, are there ineffective or inappropriate materials used to create compartmentation?	No
Does the building have a roof void?	No
Was a survey of the roof void carried out as part of this inspection?	N/A
Are there other concerns identified with roof void?	N/A
Are lifts installed?	Yes
Does each lift have a fire service over-ride switch?	Yes
Are there any fire-fighting lifts?	No
Is a there a lift motor room?	Yes
Is the compartmentation acceptable?	Yes
Did you get access to survey the lift motor room?	Yes
Are there any other concerns with Lifts or Lift Motor Room?	Yes
Are there utility cupboards within the communal area?	Yes
Are there any vertical or horizontal breaches in compartmentation?	Unable to Confirm
Do utility cupboard doors appear to be FD30s standard?	Unable to Confirm
Is there evidence to confirm FD30s doors are certified?	Unable to Confirm
Is there damage to any part of the door or frame affecting its performance as a 30 minute fire and smoke resistant door?	Unable to Confirm
Are there personal items or rubbish in any inspected utility or riser cupboard?	Unable to Confirm
Are CO2 extinguishers installed inside each electrical riser?	Unable to Confirm
Are CO2 extinguishers compliant?	Unable to Confirm
Are there other concerns identified with the utility Cupboards and vertical risers?	Yes

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Is external cladding fitted to the building?	No
Are the internal escape route walls and ceilings to Class 0 standard?	Yes
Are there other concerns identified with flammable materials?	No

Means of Escape

Are fire action notices displayed at the entrances, fire exits and each level as required?	Yes
Are travel distances appropriate for the building design?	Yes
Are the internal escape route corridors free of trip hazards?	No
Are stairs free of all trip hazards?	Yes
Are there personal items exceeding the managed policy for communal areas, adversely affecting the escape routes?	No
Do final exits open in the direction of flow where required?	Yes
Are cable and wire fixings to external walls/ceilings to current standards to limit the likelihood of wire entanglement?	Yes
Are there suitable door opening devices such as thumb turns, push pad/bar?	Yes
Is directional and exit signage necessary in this building?	Yes
Are directional and exit signage displayed appropriately?	No
Where lifts are installed, are suitable fire safety signs displayed at each level?	No
Does the building have an external escape route?	No
Are there other concerns identified with the evacuation of the building?	Yes
Is emergency lighting installed?	Yes
Does the installed emergency lighting provide suitable coverage?	Yes
Are there recorded or observable defects with the emergency lighting system?	No
Is there evidence of a current and up-to-date emergency lighting service contract and maintenance programme?	No
Does the building require the installation of an emergency lighting system?	Yes

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Is there a need to increase the emergency lighting provision?	No
Are there other concerns identified with the emergency lighting?	No
Does the building have suitable means to naturally ventilate the escape routes?	Yes
Is there a smoke ventilation system installed?	No
Are there any concerns identified with ventilation of the internal escape route?	No
Are all individual flat numbers highlighted using wayfinding signage?	Yes
Are all floors on the landing of a protected stairway highlighted using wayfinding signage?	Yes
Are all floors on the landing of a protected corridor and lobby highlighted using wayfinding signage?	Yes
Are there floor identification floor signs required where the flat numbers are located in more than one direction?	Yes
Are there appropriate evacuation signs on each floor within the communal lobbies?	Yes

Doors

Is the main entrance door suitable as part of the evacuation strategy for the building?	Yes
Is security to the property suitable to restrict access by uninvited persons during 'out of hour' times?	Yes
Are there a sufficient number of fire exits?	Yes
Are there any defects (glazing, furniture, frames, door) requiring repair or maintenance works?	No
Do any fire exits lead to areas that could put persons at further risk?	No
Do all fire exits have suitable signage?	See Action, Means of Escape, directional exit signage displayed
Are there other concerns identified with the main entrance and fire exit doors?	No
Are there any compartment fire doors installed in this building?	Yes
Is every compartment fire door and frame installed to the correct fire rating standard?	No
Does every compartment door freely self close into the frame?	Yes

Hammersmith and Fulham by FCMS

Are there any defective compartment fire doors (glazing, furniture, frames, door) requiring repair or maintenance works?	No
Are there locations where compartment fire doors should be installed?	No
Are there other concerns identified with the compartment fire doors?	Yes
Are there any flat entrance doors not conforming to FD60s standard?	No
For open deck buildings, are there flat entrance doors not at a suitable fire and security standard?	N/A
Where FD60s doors have been installed, do any inspected doors not have a certification marking or certificate onsite ?	No
Are positive action self-closers fitted and to the front face of the doors?	No
From the sample inspection taken, do the flat entrance doors freely self close into the frame?	Yes
Are there any defective flat entrance doors (glazing, furniture, frames, door) requiring repair or maintenance works?	No
Are there other concerns identified with the flat entrance doors?	Yes

Hammersmith and Fulham by FCMS

Fire Hazards

Are "No Smoking" signs displayed at each entrance?	Yes
Is a no smoking policy being observed in the communal areas	Yes
Any there other concerns identified with smoking?	No
Are there suitable locations provided for storage of refuse?	Yes
Is the refuse area appropriately clear and well managed?	Yes
Are vertical refuse chutes fitted to the building?	Yes
Are the hoppers in good condition and fitted with smoke seals?	Yes
Is there a working pull plate at the base of the chute?	Yes
Does the refuse system appear to be free of physical defects?	Yes
Are there other concerns identified with refuse?	No
Has fixed electrical wiring been subject to a safety inspection within the past five years	Yes
Is there a lightning protection system installed?	Yes
Does the lightning certificate display a valid inspection date?	No
Is the lightning Protection free from defects and secured sufficiently?	From what the assessor could see from the ground floor, the lightning protection appeared free from defects and was sufficiently secured.
Is there a wheelchair or stair lift in the communal area?	No
Are there electrical or charged items in the communal area (fridges, tumble dryers, mobility scooters etc)?	No
Any there other concerns identified with ignition sources?	No

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Fire Detection

From the sample flats accessed, is early warning fire detection appropriate No

Fire Safety Management

Are there hydrants within the grounds of the property estate? Yes

Are there notable restrictions for the positioning of fire appliances within 20 meters of the building? No

Is a Premises Information Box installed? Yes

Are there complexities or unique features to the building to warrant the installation of a Premises Information Box? Yes

Is there a Dry Riser installed? Yes

Is there a Wet Riser installed? No

Are there Dry Riser outlets on each level above the 6th storey? Yes

Is there evidence to confirm Dry Risers are serviced? Yes

Are Dry Riser signs displayed appropriately? Yes

Are there any observable defects to Dry Riser inlets or outlets and their casings? No

Are there other concerns identified for fire service operations? Yes

Did you encounter any potential or actual hoarding risks? No

LBHF have a medical register of O2 users, did you encounter a resident declaring they were using O2 but not registered? No

Is there a suppression system installed within any part of the building? Unable to Confirm

Did you encounter any potential hazards due to negligent contractor work at the property and its grounds? No

Are there other concerns identified to do with fire safety management? Yes

Hammersmith and Fulham by FCMS

Does the building have both commercial outlets and residential dwellings?	No
Any there other concerns identified with the shared means of escape?	N/A
Is there a secured SIB appropriately and securely located inside or on the exterior of the building?	Yes
Does the SIB have appropriate signage securely fixed to the SIB door?	Yes
Where the SIB is not on view externally, is there appropriate signage internally to assist in locating the SIB?	Yes
A triage of 'responsible persons' and associates and their contact details for the purpose of access?	no
Two or more A3 laminated sized copies of the building's floor plans clearly displaying specified key fire-fighting equipment?	no
The make-up of the building's external wall system?	no
A single page block plan identifying specified key fire-fighting equipment?	yes
Description of current fire evacuation procedure?	no
An 'Off the Run' notice indicating those fixed fire fighting equipment which is unavailable for use?	no
A 'Resident Mobility Summary'?	yes
An orientated site plan showing the building in relation to other buildings, roads and open spaces?	yes
A log-book to record document updates?	yes
How is access given the Fire and Rescue Service?	Sharing of keys
Has documentation relating to the assessment of the external wall structure been provided prior to the fire risk assessment being undertaken?	No
Information shared with the FRS and documented?	no
Documented?	no
Risks mitigated and documented?	no
Risk assessed and documented?	no

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Is there evidence that all essential fire-fighting equipment has been visually inspected on a monthly basis?	Yes
Is there evidence that all defects relating to essential fire-fighting equipment has been actioned?	No
Have all fire fighting and evacuation lifts been identified?	No
Is there evidence of any defective fire-fighting and evacuation lifts which cannot be repaired within 24 hours been reported to the FRS?	No
Is there evidence that all communal fire doors being checked every 3 months?	No
Is there evidence that with all best endeavours all in-flat front doors are being checked annually?	No

Safety Management

Are there staff or site managers based at and working in the building?	No
Are staff trained to support an evacuation of the building during a fire emergency?	N/A
Are fire safety records accessible (digital or paper) for fire inspection audits?	No
Are LBHF emergency contact details displayed?	No
Any there other concerns identified with the management of information?	No
Are in-house checks of the Emergency Lighting being carried out and recorded?	No
Are in-house checks of the Extinguishing Media being carried out and recorded?	N/A
Are in-house checks of Fire exits and Escape routes being carried out and recorded?	Unable to Confirm

	Slight Harm	Moderate Harm	Extreme Harm
Low	Trivial Risk	Tolerable Risk	Moderate Risk
Medium	Tolerable Risk	Moderate Risk	Substantial Risk
High	Moderate Risk	Substantial Risk	Intolerable Risk

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Risk Scores:	
Risk Score at the time of the Assessment	Moderate Risk
Risk Score if all actions are implemented:	Tolerable Risk