

# London Borough of Hammersmith & Fulham



Fire Risk Assessment of:	Barton House London SW6 2PD
Author of Assessment:	Z Noorgat LBHF Fire Safety Surveyor
Quality Assured by:	Claire Norman, Senior Fire Surveyor, LBHF
Responsible Person:	Jonathan Pickstone
Risk Assessment Valid From:	05/03/2024
Risk Assessment Valid To:	05/03/2025

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### Building Features

Approximate Square Area of the Building:	1700
Number of Dwellings:	76
Number of Internal Communal Stairs:	1
Number of External Escape Stairs:	0
Number of Final Exits:	2
Number of Stair Lifts:	
Number of Storeys	21

Uninhabited Roof Void?

Basement Present?

Gas Installed to Building?                      yes

Solar Panels Installed on Building?              no

Number of Occupants:                              250

Current Evacuation Policy:                      Stay Put Procedure

Recommended Evacuation Policy:              Stay Put Procedure

Last LFB Inspection:

### Survey Findings:

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<p>Building Construction &amp; Layout:</p>	<p>Barton House is a high-rise purpose-built block of flats with twenty-one floor levels. The block consists of a lower ground floor, a ground floor, and nineteen upper floor levels.</p> <p>The lower ground floor is mainly unused and would have originally housed plant rooms and resident storage cupboards. There is a water tank room present as well as an electrical intake room. The rest of the lower ground storey is used for storage.</p> <p>The ground floor serves as the entrance lobby for the building, comprising of a single concrete staircase and two lifts, both equipped with fire service switches. A Gerda box in the lobby contains a single pack of laminated A3 floor plans for each floor level, the lift inspection form, and details of vulnerable residents. The entrance door to the building has a drop key facility for emergency access. Note: there are two doors within the ground floor lobby, one next to the Gerda box and one believed to contain CCTV equipment; however, these doors are locked with non-standard keys.</p> <p>The single-protected staircase serves all upper-floor levels, the communal residential storeys are all identical in layout. The single stair serves a landing from floors 1 to 19. There is a FD60S Gerda double doorset facing the stair landing which leads into a sterile ventilated lobby. A secondary single FD60S doorset is accessed from this lobby which provides access to the flat entrance/lift lobby where all flats are directly accessed from. Each floor (1-19) has 4 flats totalling 76 flats to the entire block. The front entrance doors to all flats (except two) appear to be new certified FD30S doorsets.</p> <p>There are two electrical risers present on each floor within the flat entrance/lift lobby. The two lifts serve ground floor to floor eighteen only. Floor 19 is accessed via the concrete stair from floor 18, there is no lift access to floor 19. The lift motor room is located within a plant room positioned on top of the flat roof, accessed via a staircase from the uppermost stair landing on floor 19.</p> <p>A fire action notice is present on each floor level, confirming that the building operates a stay-put policy. A dry riser system is present within the building, with the inlet on the ground floor and outlets on every second-floor level within the flat entrance/lift lobby. A dry riser outlet is also present on the flat roof section of the block. A No Smoking sign is posted alongside the fire action notice at each floor.</p> <p>The Escape routes are fully supported with emergency lighting present on the protected staircase, intermediate ventilated lobby and flat entrance/lift lobby. From the sample flat inspected, Grade D1 fire detection is present within the protected hallway, the kitchen and living rooms.</p>
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<p>Executive Summary</p>	<p>Executive Summary</p> <p>Two flat entrance doors appeared to be of a composite type and should be replaced with timber certified FD60S doorsets like the rest of the flat entrance doors.</p> <p>Some communal gerda doorsets required repair and replacement.</p> <p>There were some compartmentation issues noted which require further attention.</p>
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## 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.

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<b>Compartmentation and Building Features</b>
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From a Type 1 inspection perspective, are there breaches identified effecting compartmentation along the escape route?	Yes
From a Type 1 inspection perspective, are there ineffective or inappropriate materials used to create compartmentation?	N/A
Does the building have a roof void?	No
Was a survey of the roof void carried out as part of this inspection?	Yes
Is the compartmentation within the roof void to the correct standard?	Yes
Is the roof void clear of personal items or artefacts?	No
Are there other concerns identified with roof void?	No
Are lifts installed?	Yes
Does each lift have a fire service over-ride switch?	Yes
Are there any fire-fighting lifts?	No
Is 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?	No
Are there utility cupboards within the communal area?	Yes
Are there any vertical or horizontal breaches in compartmentation?	No
Do utility cupboard doors appear to be FD30s standard?	Yes
Is there evidence to confirm FD30s doors are certified?	No
Is there damage to any part of the door or frame affecting its performance as a 30 minute fire and smoke resistant door?	No
Are there personal items or rubbish in any inspected utility or riser cupboard?	No
Are CO2 extinguishers installed inside each electrical riser?	No

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Are CO2 extinguishers compliant?	N/A
Are there other concerns identified with the utility Cupboards and vertical risers?	No
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?	Yes
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?	Yes
Where lifts are installed, are suitable fire safety signs displayed at each level?	Yes
Does the building have an external escape route?	No
Are there other concerns identified with the evacuation of the building?	No
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

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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? No

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? No

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? Yes

Do any fire exits lead to areas that could put persons at further risk? No

Do all fire exits have suitable signage? Yes

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

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Is every compartment fire door and frame installed to the correct fire rating standard?	Yes
Does every compartment door freely self close into the frame?	No
Are there any defective compartment fire doors (glazing, furniture, frames, door) requiring repair or maintenance works?	Yes
Are there locations where compartment fire doors should be installed?	No
Are there other concerns identified with the compartment fire doors?	No
Are there any flat entrance doors not conforming to FD60s standard?	Unable to Confirm
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?	No



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### 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?	No
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?	Yes
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

### Fire Detection

From the sample flats accessed, is early warning fire detection appropriate	Yes
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### Fire Safety Management

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Are there hydrants within the grounds of the property estate?	No
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?	No
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?	No
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?	No
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?	No
Does the building have both commercial outlets and residential dwellings?	No
Any other concerns identified with the shared means of escape?	No
Is there a secured SIB appropriately and securely located inside or on the exterior of the building?	No
Does the SIB have appropriate signage securely fixed to the SIB door?	No

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Where the SIB is not on view externally, is there appropriate signage internally to assist in locating the SIB?	Yes
Does the SIB contain:	no
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Does the SIB contain:	no
Does the SIB contain:	no
Does the SIB contain:	no
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
Where there is evidence of a risk of external spread of fire, has the design of the external wall construction and the materials used been:	no
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Is there evidence that all essential fire-fighting equipment has been visually inspected on a monthly basis?	No
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?	Yes
Is there evidence of any defective fire-fighting and evacuation lifts which cannot be repaired within 24 hours been reported to the FRS?	No

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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?	Yes
Any there other concerns identified with the management of information?	No
Are in-house checks of the Emergency Lighting being carried out and recorded?	Unable to Confirm
Are in-house checks of the Extinguishing Media being carried out and recorded?	Unable to Confirm
Are in-house checks of Fire exits and Escape routes being carried out and recorded?	Unable to Confirm

### Actions Arising from the Survey:

	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

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