

Hammersmith and Fulham by The Oakleaf Group



Fire Risk Assessment of:	32-99 Aspen Gardens Hammersmith, London W6 9JE
Author of Assessment:	Michael Sharples Fire Risk Assessor
Quality Assured by:	Andy Whiting LBHF Fire Risk Assessor
Responsible Person:	Named person within the organisation, Richard Buckley
Risk Assessment Valid From:	09/06/2020
Risk Assessment Valid To:	09/06/2022

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Building Features

Approximate Square Area of the Building:	750m2
Number of Dwellings:	56
Number of Internal Communal Stairs:	2
Number of External Escape Stairs:	0
Number of Final Exits:	2
Number of Storeys	6
Is there a Basement Present?	No
Is Gas Installed to Building?	yes
Are Solar Panels Installed on Building?	no
Number of Occupants:	56-112
Current Evacuation Policy:	Stay Put Procedure
Recommended Evacuation Policy:	Stay Put Procedure
Last LFB Inspection:	

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Survey Findings:

<p>Building Construction & Layout:</p>	<p>Purpose-built medium-rise block of flats constructed of bricks and concrete. A Six-storey building consisting of fifty-six dwellings with ten dwellings on each storey apart from the sixth storey which has six dwellings. Each dwelling has a private balcony to the rear of the property with an open balcony walkway giving access to the front, the banister/balcony on the open walkway is constructed of brick with a metal handrail. There are two internal staircases constructed from concrete with a metal handrail positioned either side of the building. Access to both staircases is open with no main entrance doors fitted. There are two smaller staircases located on the fourth floor going up to the fifth, these are concrete and only consists of six steps. The left-hand staircase has a lift fitted with the lift motor room on the sixth storey. There are two bin chutes on the left staircase one for recycling the other for rubbish, and one rubbish shoot on the right hand staircase, both end in a secured refuse cupboards to the front of building. There are two large electrical cupboards on the site and each one is located at the bottom of a staircase.</p>
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<p>Executive Summary</p>	<p>The survey found the properties communal area and escape routes to be clear clean and presentable, Hard detection was installed in the dwellings and the emergency lighting appeared to working without any defects. A number of areas of improvement were identified during the survey and these have been raised in this report. To bring the building to a high standard of fire safety and support a 'stay put' procedure, the following actions have been recommended; FD60 doors with smoke seals and self-closers to be fitted on all dwellings, in-house fire safety checks and emergency lighting testing need to be conducted and left on site for further inspections, carry out a safety test on the electrical system to ensure that the electrical supply is safe. Lift signage needs to be installed on each floor next to the lift. Access is required into the lift motor room to insure it is clear or any rubbish/personal items. Survey to be carried out of roof void to ensure that roof void has suitable compartmentation. The recycling bin chute hopper on the 1st floor need repairing, pull plates need installing on the end of each bin chute. Evidence of test records for the lighting protection system are required for future inspections and CO2 extinguishers are out of test date and require a maintenance test.</p>
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Guidance

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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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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?	Yes
Are there roof void access hatches within the communal areas?	No
Are all roof void access hatches fitted with securing devices?	Unable to Confirm
Are all hatches providing suitable fire and smoke resistance?	Unable to Confirm
Was a survey of the roof void carried out as part of this inspection?	No
Are there other concerns identified with the 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
Did you get access to survey the lift motor room?	No
Are there any other concerns with Lifts or the Lift Motor Room?	Unable to Confirm
Are there utility cupboards within the communal area?	Yes
Are there any 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
Is there personal items or rubbish in any inspected utility or riser cupboard?	No
Is there a CO2 extinguisher installed inside any large electrical riser cupboard?	Yes

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Are CO2 extinguishers compliant?	No
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

Is the stated emergency evacuation strategy suitable?	Yes
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?	No
Are there suitable door opening devices such as thumb turns, push pad/bar?	N/A
Is directional and exit signage necessary in this building?	Yes
Are directional and exit signs displayed appropriately?	Yes
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

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Is there evidence of a current and up-to-date emergency lighting service contract and maintenance programme? Unable to Confirm

If no emergency lighting is installed, does the building require the installation of an emergency lighting system? N/A

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

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Doors

Is the main entrance door suitable as part of the evacuation strategy for the building?	N/A
Is security to the property suitable to restrict access to 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?	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?	No
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?	Yes
Do the inspected FD60s doors have certified markings?	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?	No
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 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?	No
Is there a working pull plate at the base of the chute?	No
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?	Unable to Confirm
Is there a lightning protection system installed?	Yes
Is there evidence of a valid certification?	Unable to Confirm
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 other concerns identified with ignition sources?	No

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Fire Detection

From the sample flats accessed, is early warning fire detection appropriate? Yes

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 metres of the building? No

Is a Premises Information Box installed? No

Are there complexities or unique features to the building to warrant the installation of a Premises Information Box? No

Is there a working Drop Key mechanism to access the building? N/A

Is there a Dry Riser installed? 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 contain both commercial outlets and residential dwellings? No

Any other concerns identified with control of shared means of escape? No

Hammersmith and Fulham by The Oakleaf Group

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

Any other concerns identified with on-site staff and their training? N/A

Are fire safety records accessible in a suitable physical or digital format for fire inspection audits? Unable to Confirm

Is LBHF emergency and general contact details displayed in the communal area? Yes

Any other concerns identified with the management of information? No

	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