Housing (2)



FIRE RISK ASSESSMENT - Specialised Housing (Independent Living) (v4. August 2017)

Regulatory Reform (Fire Safety) Order 2005: Sleeping Accommodation

The purpose of the fire risk assessment is to evaluate the risk to people from fire, particularly vulnerable residents, taking into account existing fire safety measures, and to determine whether additional measures are necessary. The report does not address the risk to property or business continuity from fire.

The Regulatory Reform (Fire Safety) Order applies to the common areas of the building and the fire safety facilities provided in support of the building.

This fire risk assessment has not involved destructive inspection of the building, such as opening up of construction. However, where practicable, assessors should lift a sample of accessible false ceiling tiles, open a sample of service risers and inspect reasonably accessible roof voids (if present).

It will normally be necessary to gain limited entry to at least a sample of flats to examine the necessary measures (fire-resisting, self-closing entrance door; fire detection; monitoring of fire detection) to ensure that, when a fire occurs in a resident's accommodation, there is no undue risk to other residents.

This fire risk assessment considers the 'general fire precautions' defined in the FSO, the principal precautions for specialized housing are:

- A. Measures to reduce the risk of fire and the risk of the spread of fire
- B. Means of escape from fire and to ensure that escape routes can be safely and effectively used
- C. Measures to ensure automatic detection and early warning of fire
- D. Measures to mitigate the effects of fire (FFE)
- E. An emergency plan, including procedures for residents in the event of fire
- F. Fire Risk Management (inc. training of staff)

RISK ASSESSMENT RATINGS					
Definition of prio	Definition of priorities (where applicable):				
Urgent	HIGH	Immediate action required or, if it is not feasibly practical to immediately resolve the issue, it is strongly recommended that a written programme be put in place for resolving and remedial measures put in place to control the risk in the interim period. Considerable resources should be provided to resolve.			
Strongly recommended	MEDIUM	It is essential that efforts are made to reduce the risk in the short/medium term. Risk reduction measures, which should take cost into account, should be implemented within a defined time period.			
Recommended	LOW	Action required in the longer term, some resources allocated and a programme put in place.			

The above table relates to the risk to determine which risks should be addressed first and the best allocation of resources.

Regardless of the severity of the rating, easy actions to resolve, (i.e. closing propped open fire doors), should be done as soon as practically possible. More difficult actions to resolve that may result in alteration to building fabric etc. should be programmed in depending on their severity and difficulty to resolve. The amount of resources allocated to an action is dependent on risk.

INITIAL INFORMATION

Scheme NameOak GrangeForm IDFRA-1864Does the scheme require a full onsite Fire Risk Assessment: Yes

FIRE RISK ASSESSMENT

Specialised Housing - Independent Living (v2. April 2016) Regulatory Reform (Fire Safety) Order 2005 Category of Premises against the FSO 2005: Sleeping Accommodation

The purpose of this report is to provide an assessment of the risk to life from fire in the building, and, where appropriate, to make recommendations to ensure compliance with fire safety legislation. The report does not address the risk to property or business continuity from fire.

The Regulatory Reform (Fire Safety) Order applies to the common areas of the building and the fire safety facilities provided in support of the building.

Fire Risk Assessment Type destructive)	Type 3 – Common parts and residents accommodation (non-
Responsible Person	Housing 21
Court Address	48 Brookside Avenue, LIVERPOOL
Court Manager (Fire Safety Manager)	Diane Platford
Do you wish to change Court Mar New Court Manager	nager? No
Property Service Manager	Christopher Roberts
Do you wish to change the Prope New Property Service Manager	rty Service Manager? No
Fire Risk Assessor	David Johnson
Date of Fire Risk Assessment	11/10/2023
Date of Previous Fire Risk Assess	sment 26/10/2022
Suggested date for review 12 months or sooner if:	
• Any structural or material c	hange to the premises;

• A change of work practice;

- •
- A near miss or fire incident; A significant change in staff levels.

The Building

Is the building purpose built for its intended use? Yes

It is assumed that compartmentation was at an adequate standard at the time of construction.

Is it a conversion that is believed to have been converted in accordance with Building Regulations?

Number of floors	11
Number of flats	62
Date Built	18/10/1966
Age of building	57
Scheme type	Extra Care

Scheme type Other

Brief details of construction Steel /concrete framed construction with brick /block infill panels. The roperty was refurbished in 2015 to current standard. There are 2 passenger lifts in place. There is a communal lounge, laundrette, two staff offices.

Do the elements of construction between flats and the common areas i.e. walls, floors, landings, stairwells and ceilings appear from a visual inspection to be in good condition? **Yes**

Please Specify

From a head and shoulders inspection of an accessible roof void does the roof void compartmentation appear to be adequate and in good condition? N/A

Location of loft latches N/A

Are the loft latches lockable? N/A

Approximate quantity of loft latches N/a

Are there any additional compartmentation requirements? No

Please specify

Are the walls or ceiling linings within the premises considered combustible? No

Please specify

Is an external wall cladding system present (inclusive of window and infill panels)? Yes

Cladding

Cladding Type	If Other Please Specify	Percentage of Cladding Present	Comments
Render system		90	There is a mineral wood /render system of cladding to the building.

Insulation

Insulation type	If Other Please Specify	Comments
{{Insulation.InsulationType}}	{{Insulation.InsulationOther}}	{{Insulation.InsulationComments}}

Are balconies present?

No

Construction Materials

Is there any evidence of unsafe disposal of smoking materials and the misuse of barbeques?

Taking into account construction materials and geometry, does the balcony adequately resist the spread of fire over the walls and from one building to another?

Timber Framed

No

Please provide further details

Section 1 Summary / Observations The cladding system is under review due to defects found and subsequent water penetration.

Means of Giving Warning in Case of Fire

Is there a manually operated fire alarm system provided? Yes

Is there automatic fire detection provided? Yes

Provide a description of the fire alarm system in place. i.e., An addressable Part 1 system in the communal areas extending a heat detector into the hallway of each flat and a Part 6 system in flats all linked to the Alarm Receiving Centre. L2 & LD1

The alarm system complies to BS5839. It has a Gent Vgilon panel with L5 system. It is linked to sprinklers.

Is there automatic and remote fire alarm signal transmission? **Yes**

In the event of a communal fire alarm activation does the lift automatically ground to the nearest exit level?

Yes

Does the Court Manager fully understand the fire evacuation strategy for the building? **Yes**

Is a zone plan in place? **Yes**

Section 2 Summary / Observations None.

Imagery Details of Fire Loss

Has there been any impact to the building as a result of fire? No

Details of Fire Loss

Summary / Observations **None**

The Occupant – Information Provided by the Court Manager

Maximum number sleeping within individual flats (approximate) 3

Maximum number of employees at any one time (approximate) 6

Maximum number of visitors/others at any one time (assumed) 30

Are arrangements in place to ensure that where necessary, person-centred fire risk assessments have been carried out for high risk residents? **Yes**

Quantify high-risk residents and detail whether support would be required from the attending fire and rescue service to assist them to a relative place of safety. Ensure details of the specific residents and their requirements can be found in the folder located in the red fire box.

There are no High Risk.There are several Medium Risk.Remaining residents are classified as low risk.

Has a Fire Emergency Evacuation Plan been carried out on all residents where required (high risks)? N/A

Are there communal rooms present that require an occupancy limit e.g., communal lounges and dining rooms?

Yes

Communal Lounge and Dining Occupancy

If more than 60 people are present, then a minimum of two separate exits are required. For two exits from a room to be considered alternative they should be located at least 45° apart. This prevents having to walk directly towards a fire when there are large numbers of people present or long escape routes.

The calculated occupant capacity should be determined by using 1 M2 per person for areas such as dining, lounge/common rooms.

In the event of a fire then it is always assumed that one exit is unavailable, and this is always the largest exit

Occupancy Figures with 1 Available Exit

Max No. of Persons	Minimum Clear Opening	
60	750mm	
110	850mm	
220	1050mm	

+5mm
per
person

Room Type	Room	Occupancy Limit
Lounge	The lounge has a small kitchen to the rear. The Fire Exit opens on to the car park area.	30

Summary / Observations Occupancy calclation takes into account those who use walking aids.

Evacuation Strategy and Training

What is the current Fire Evacuation Strategy? Stay Put / Delayed

Please Specify

Delayed / Stay Put Evacuation

A delayed or stay put evacuation strategy requires the residents to remain in their individual flats until such time as a decision is made (usually by the fire service) to partly or fully evacuate the building, moving the residents to a place of safety. Evacuation strategies are detailed in the Fire Risk Management document.

Has the Court Manager/Housing Manager, or designated member of staff, successfully completed the Fire Safety Manager course? **Yes**

Have the nominated fire wardens attended relevant training and are competent to respond to the fire alarm? **Yes**

On Extra Care court only, have all HC21 care staff completed Fire Warden eLearning Yes

Are all staff familiar with the Fire Evacuation Strategy? **Yes** Please specify

Does the resident fire box information document reflect customers individual needs, risks and evacuation arrangement? **Yes**

Please specify

Summary / Observations Limited number of staff providing full time cover.

Fire Hazards - Elimination & Control

Are electrical intakes/meter units within the common areas enclosed in construction likely to afford a nominal period of fire resistance? **Yes**

Please provide further details

Are reasonable measures taken to prevent fires of an electrical origin? Yes

Please specify

Fixed & Portable installations periodically inspected and tested? (last inspection date) 25/01/2023

Communal hardwire testing carried out in the last 5 years? (last inspection date) 10/01/2020

Evidence of PAT testing for mobility scooter charged in designated communal areas No

Suitable limitation in the use of trailing leads and adapters? Yes

A 'No Smoking' policy is adopted in internal communal areas. Smoking is permitted in individual private flats.

Is there a suitable designated external smoking location? Yes

Is there any evidence of breaches to the smoking policy? No

Does the basic security against arson appear reasonable? Yes

Are refuse storage arrangements suitable Yes

Are there any combustibles near the building that has potential for ignition? No

Is the use of portable heaters restricted as far as possible? Yes

Is the use of the more hazardous type (e.g. radiant bar fires or LPG appliances) avoided? Yes

Are fixed heating installations subjected to regular maintenance? Yes

Are reasonable measures taken to prevent fires as a result of cooking within the communal or commercial kitchen? **Yes**

Filters changed and ductwork cleaned regularly? N/A

Suitable fire-fighting equipment available? Yes

Does the building have a lightning protection system? Yes

Are there any other significant ignition sources that require consideration e.g. oxygen/mobility scooters? **No**

Please Provide Further Details:

Is the standard of housekeeping adequate? Yes

Are combustible materials separated from ignition sources? Yes

Avoidance of unnecessary accumulation/in appropriate storage of combustible materials or waste? **Yes**

Appropriate storage of hazardous materials? Yes

Are routine in-house inspections of fire safety precautions undertaken? Yes

Is there satisfactory control over works carried out in the building by outside contractors (including 'hot work' permits? **Yes**

Are fire safety conditions imposed on outside contractors? Yes

Is there a sufficient management procedure in place for cleaning the filters in the communal tumble driers? **Yes**

Summary / Observations **None.**

Fire Protection Measures

Is it considered that the building is provided with reasonable means of escape / fire exists in case of fire? **Yes**

Number of fire exits 3

Number of staircases 1

Are the means of escape suitable and compliant with regulations? Yes

Exits easily and immediately openable where necessary? Yes

Are escape routes unobstructed and free from: storage of combustible items or obstructions, flammable liquids or gases and free from tripping or slipping hazards? **Yes**

Reasonable distance of travel where there is a single direction of travel? Yes

Reasonable distance of travel where there are alternative means of escape? Yes

Fire exits open in the direction of escape where necessary? Yes

Avoidance of sliding or revolving doors as fire exits where necessary? Yes

Suitable protection to escape routes? Yes

Suitable fire protection for all inner rooms? Yes

Are mobility scooter being charged or stored on escape routes No

Summary / Observations There is a bespoke mobility scooter storage facility on the ground floor.

Measures to Limit Fire Spread and Development

Is fire compartmentation of a reasonable standard? Yes

Do flat front doors that lead onto a common escape route appear to be FD30 and fitted with a selfclosing device? **Yes**

Are they notional? Yes

Are they certified? **Yes**

Risk assess 25% of entrance doors to residents' accommodation to ensure they are fire resisting and self-closing. Over the next 3 fire risk assessments 100% of doors will need to have been systematically assessed. List the dwelling numbers inspected. If failings are identified please include in observations and action plan.

Door examined	Does the door need an assessment?	Fire Resistance adequate	Adequately Self Closing	Fitted with suitably sized door stops or intumescent strips and cold smoke seals
OAKGRANGE_D003	Yes	Yes	Yes	Yes
OAKGRANGE_D006	Yes	Yes	Yes	Yes
OAKGRANGE_D007	Yes	Yes	Yes	Yes
OAKGRANGE_D009	Yes	Yes	Yes	Yes
OAKGRANGE_D010	Yes	Yes	Yes	Yes
OAKGRANGE_D016	Yes	Yes	Yes	Yes
OAKGRANGE_D018	Yes	Yes	Yes	Yes
OAKGRANGE_D021	Yes	Yes	Yes	Yes
OAKGRANGE_D024	Yes	Yes	No	Yes

Yes	Yes	No	Yes
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
Yes	Yes	Yes	Yes
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Yes	Yes	Yes	Yes
	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes	Yes

OAKGRANGE_D058	Yes	Yes	Yes	Yes
OAKGRANGE_D059	Yes	Yes	Yes	Yes
OAKGRANGE_D062	Yes	Yes	Yes	Yes

Is there a reasonable limitation of linings that may prevent fire spread? (Class 0 linings)? Yes

Is suitable means of ventilating the common areas provided? Yes

On review of the last 12 months of repairs history and SIP works, have any works taken place which have impacted on the communal compartmentation? **No**

Section 8 Summary / Observations

All FDs to flats and communal areas have been inspected over the last two weeks, with minor defects identified.

Escape Lighting

Do common areas have a reasonable standard of emergency lighting? Yes

Section 9 Summary / Observations None

Fire Safety and Notices

Are Safety Signs and Notices provided to a reasonable standard and displayed on escape routes? **Yes**

Section 10 Summary / Observations **None.**

Fire Fighting Equipment

Is the provision of portable FFE in accordance with the organisation's policy Yes

Are hose reels provided in the premises? No

If 'yes' can they be removed?

And

Are they clearly marked 'this equipment is out of use and operation"?

Section 11 Summary / Observations None

Automatic Fire Systems i.e. suppression system

Is there an automatic fire system present? Yes

What type of system is provided? We pipe sprinkler system.

Section 12 Summary / Observations The sprinkler system provides coverage to all flats and high risk areas.

Other Relevant Fixed Systems

Type of system(s) provided

Automatic/Manual/Mechanical or Natural Smoke Ventilation Systems? Yes Last Service Date 14/09/2021

Dry or wet risers?	Dry
Last Service Date	17/12/2021
Fire-fighting lifts?	No
Last Service Date	No date provided
Other	No
Please Specify	Sprnkler system.
Last Service Date	No date provided

Section 13 Summary / Observations

Access by Emergency Services

Is adequate access available for Fire Service vehicles? Yes

Is the assembly point positioned in a suitable location? Yes

Section 14 Summary / Observations **None.**

Management of Fire Safety

The court manager/Fire Safety Manager shall maintain the existing emergency fire evacuation plan and procedures.

The Court Fire Plan should be provided and located in the Fire Box. The plan should contain a building layout plan indicating the locations of the main Gas Shut off valve for the building/main Electrical Isolation Switch/location of the Lift Motor Room and Service User Criteria document (including location of any gas Cylinders (oxygen) on the premises used by residents).

Is the Fire Risk Management folder in place and maintained? Yes

- Fire Safety Training Records Yes
- Fire Alarm System tests Yes
 Emergency Lighting tests Yes
- Portable fire equipment
 Yes
- Fires and False Alarm Records Yes
- If yes number recorded in past 12 months **2**

Is there a current Court Fire Plan in place? Yes

Have all staff been provided with a basic level of fire safety training and instruction on induction? **Yes**

Are all staff given periodic fire safety 'refresher training' at regular intervals? Yes

Is there a suitable record of agreement amongst duty holders as to responsibilities for all relevant aspects of fire safety management? (Fire Safety Responsibilities Matrix) **Yes**

Are third-party staff (i.e. carers/contractors) provided with appropriate instruction and training regarding fire safety management and evacuation arrangements? **Yes**

Are the fire evacuation procedures clear to visitors etc? Yes

Is appropriate liaison maintained with the local Fire Brigade? Yes

Has information been provided to residents regarding buildings evacuation strategy? **Yes**

Section 15 Summary / Observations Local fire brigade has resumed visits to give Fire Safety talks.

Testing and Maintenance

Is a testing and maintenance regime in place for components located in the communal areas? **Yes**

Are the following maintained and tested by the service contractors in accordance with the relevant standard:

Fire Alarm	Yes
Last date Fire Alarm tested	01/09/2022
Emergency Lighting	Yes
Last date Emergency Lighting tested	22/02/2023
Fire Fighting Equipment	Yes
Rising Main	Yes

Sprinkler / automatic suppression system installation Yes

Are routine checks of final fire exit doors and/or security fastenings undertaken? **Yes** Is the lightning protection system inspected annually and tested? **Yes**

Is the smoke extraction system maintained and tested? Yes

Other relevant inspections or tests: No

Comments

Section 16 Summary / Observations None

Resident Engagement

Has the resident's engagement session taken place? Yes

When did the resident's engagement session take place? 02/10/2023

Section 17 Summary / Observations **None.**

RISK LEVEL

NB: Although the purpose of this section is to place the fire risk in context, the approach to fire risk assessment is subjective and for guidance only. All hazards and deficiencies identified in this report should be addressed by implementing all recommendations contained in the Action Plan.

PROBABILITY/	Almost certain	5	10	15	20	25
fire or hazard to life	More likely than not	4	8	12	16	20
	Possible	3	6	9	12	15
	Less likely to happen	2	4	6	8	10
	Remote	1	2	3	4	5
SEVERITY/Potential consequences of fire		Minor injury or insignificant damage to property.	Injury, or slight damage to property	Serious injury, or limited damage to property	Serious injury or fatality. Critical damage to property	Multiple fatalities, catastrophic loss of business

Taking into account the fire safety measures, the nature of the building - it's use and occupants, fire safety protection and procedural arrangements observed at the time of this Fire Risk Assessment, it is considered that the risk level is:

Moderate harm: Outbreak of fire could result in injury of one or more occupants, but it is unlikely to involve multiple fatalities

ACTION PLAN: and Significant findings

Court name:Oak GrangeAddress:48 Brookside Avenue, LIVERPOOL

The following recommendations should be implemented in order to reduce fire risk to, or maintain it at, the appropriate level.

Risk ID	Risk Level	Risk Owner	Comments	Deadline
Risk ID- 2841	Observation Only	Other	There is limited staff over to this scheme. I have concerns that proactive management could be compromised as a result.	
Risk ID- 2842	Medium	Court Manager	There is an electronic bike located in the grund floor stairwell. This needs to be removed.	11/10/2024
Risk ID- 4226	Medium	Court Manager	Ease and adjust the following flat doors : 19, 23, 24, 25, 31, 36 and 40.	15/04/2025

*Action Plan Timescales			
High Risks	Action should be undertaken immediately or as quickly as practically possible and within three months by the identified lead person/department.		
Moderate Risks	Action should be undertaken as quickly as is practically possible, usually within twelve months by the lead person/department. Where moderate risks form part of the planned programme of fire compartmentation upgrade works, these will be completed in line with Housing 21's agreed risk based planned works strategy*.		
Low Risks	Low risks will continue to be reviewed and should be actioned when practically possible.		
Planned Works Strategy	 Housing 21 has a risk-based fire compartmentation strategy: High risk schemes (3 stories and over) will be prioritised over low rise schemes. Category 2 schemes will be prioritised over category 1 schemes. Older schemes will be prioritised over newer schemes. Housing 21 believes this approach is pragmatic, concentrating on the level of risk whilst committing substantial resources to court improvements. 		

Housing (2)

Risk Imagery