



LONDON FIRE BRIGADE

Reducing the risk of fire for the vulnerable

London Fire Brigade

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Changing Landscape

Independent Living

Traditional 'Sheltered Housing'

Housing with Care

Extra Care

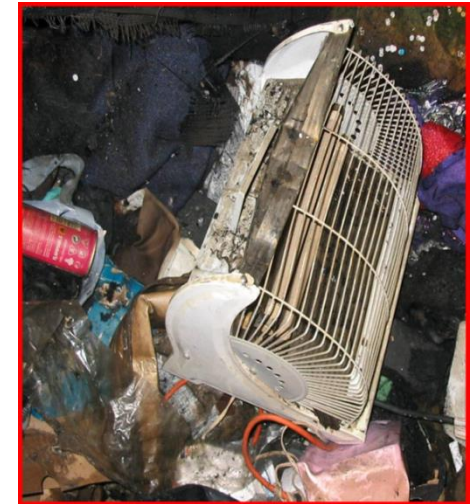
Care Homes

Nature of fire risk

- Your experience of fires?
- Our experience of fires?
- Statistics?
 - Approx 400 fires, 5 deaths last year
 - Impact on residents, families & business
- Avoidable?

Risk of having a fire

- Unsafe smoking
- Unsafe cooking
- Unsafe heating
- Electrical faults
- Overloaded sockets
- Misuse of candles
- Hoarding



Sheltered Accommodation

Irene - Surrey Coroner's Court May 2014 –

- delay in the monitoring centre passing information to the Fire & Rescue Service.
- delay in the monitoring centre being alerted to the fire due to the fire detection coverage within the flat being limited.

Independent living – hospital release

James: Age 71,

- COPD (lung disorder) and a Heart condition, heavy smoker. Living alone and had been released from hospital 2 days prior to fire, Care package.
- Smoke alarms – no monitoring.

Supported Independent Living

Corinna - Age 81, smoker

- fire detection coverage delayed the call to the monitoring centre
- guidance given to Corinna by the call centre staff.
- monitoring centre did not pass critical information on the fire and the location of Corinna to the Fire & Rescue Service.

'Extra care' Sheltered Accommodation

Michael: Age 57, wheelchair, MS, smoker, moved into extra care following concerns over ability to look after himself at home:

- four care visits a day from on site staff, door left unlocked for staff to respond to him, history of LAS attendance for falls.
- scorch marks to clothing, floor and furniture,

Common failings

No awareness or recognition of:

- fire hazards associated with the resident's habits and behaviours
- high likelihood that a fire would start, death or serious injury to the resident or other relevant person in the premises
- appropriate control measures for the risk – smoking management, additional smoke detection, automatic suppression systems, fire-retardant bedding etc

Fresh Approach

Fire Risk Assessment

Property:

- Structure, Escape routes, Fire Doors
- Fire Alarm
- Emergency plan
- Staff numbers, training

Residents:

- Individual risk assessments
- Smoking
- Oxygen
- Emollients
- Airflow mattresses
- PEEPS & Care Plans

Residents level of Need

1. Propensity to contribute to the starting of fire or to the development of fire.

The potential lifestyle of residents, their decision-making and their physical and mental capacity to contribute to an increased likelihood of fire and/or an increased likelihood of fire development

eg. drug/alcohol use and smoking, hoarding, storage of ignition sources or fuel not typically found in domestic settings, mental health issues

2. Capacity to respond appropriately to signs of fire.

May be physically capable of evacuating unaided but learning difficulties, dementia and other mental health issues

Individuals might not respond appropriately to signs of fire such as the sound of a fire alarm, the smell of smoke, or even a visible fire.

3. Ability to escape in the event of fire.

The physical ability of residents to evacuate in case of fire

Person Risk Assessment

London Fire Brigade Fire Safety Regulation Residents Fire Safety Assessment Checklist

To be used in conjunction with London Fire Brigade Home Fire Safety Risk Referral Matrix

Full Address			
Date		Resident Name	
Department		Name of Assessor	

Fire Loading	Situation	Risk Score	Further details of current situation	Details of any existing Control Measures	Additional actions required	Risk Score
Smoking	No signs of burn marks on carpets	1				
	Discarded cigarettes and matches	2				
	A few burn marks found on carpets	3				
	Multiple burn marks found on carpet	5				
	Cigarette burns to clothes or furnishings	8				
Alcohol	Social drinker	1				
	Significant drinker but a nonsmoker	2				
	Daily heavy drinker but a nonsmoker	3				
	Significant drinker and a smoker	8				
	Daily heavy drinker and a smoker	10				
Hoarding (Access)	Restricted (narrow routes)	2				
	Restricted (difficult to pass)	4				
Hoarding (Clutter)	Clutter up to waist level	1				
	Clutter up to head height	2				

Fire Loading	Situation	Risk Score	Further details of current situation	Details of any existing Control Measures	Additional actions required	Risk Score
Dementia / cognitive impairment / decision making difficulties	With some controls in place	1				
	No or limited controls in place	2				
Fire History	Previous fire	5				
	Previous fires	10				
Fire Near Miss History	Previous near miss	1				
	Previous near misses	3				
Mobility	Rely on mobility aids/history of falls	1				
	Bed bound	4				
Cooking	Unsafe cooking practices	2				
Heating	With controls in place	1				
	No controls in place	2				
Vision		1				
Oxygen	Use bottled oxygen / units	2				
Other Factors	e.g. visitors smoking / drinking / unsafe use of candles /	1-3				
	Overloaded electrical extension leads or sockets with multiple adaptors or poor quality/damaged wiring	1-3				
Assessment Score			Risk Level			

Risk Levels	Rating	Action (this list is not exhaustive)
0	No Risk	No further action required
1-3	Low	Provide general fire safety advice
9-13	Medium	In addition to the actions above..... Provide fire safety information leaflets (available from the H&S team) Encourage the booking of a free home fire safety visit by the LFB If applicable contact care provider/ social services/ family
14-46	High	In addition to the actions above..... Forward this form to the appropriate internal department To be discussed with LFB at scheduled review meetings Department to complete individual fire risk assessment for resident Where applicable put this assessment in the fire red box

Prevention Through Risk Assessment:

Appendix 2 - Checklist for auditing Sheltered Housing

Check content of Fire Risk Assessment. It should:

- Confirm that the fire safety strategy and the way the building is designed, furnished or dependency of the residents.
- Confirm that a survey has been carried out separation and compartmentation is appropriate roof spaces should also be considered.
- Identify that flat front doors have been surveyed
- Identify and review any provided smoke ve
- Identify and review any furniture and soft fu
- Confirm that reports by residents of the dis other flats indicating compartment issues a
- Review use of Mobility scooters – storage, appropriate.
- Recognise that vulnerability and behaviour considered to be the main risk of fire in she more vulnerable.
- Detail persons especially at risk. This includ hazard or risk attributed to a resident (e.g. physical disability, hoarding, etc) should als
- Identify and recommend provision of addit fire risk to relevant persons as listed above.

Check fire strategy and evacuation arrangements

- Confirm that protection of escape routes, fit for fire strategy through sampling and visual resisting and effectively self-closing.

Appendix 5 - Checklist for smoking risks

Care Homes

Smoking is allowed in a care home in 'designated' completely enclosed, does not have a ventilations must have a self-closing door

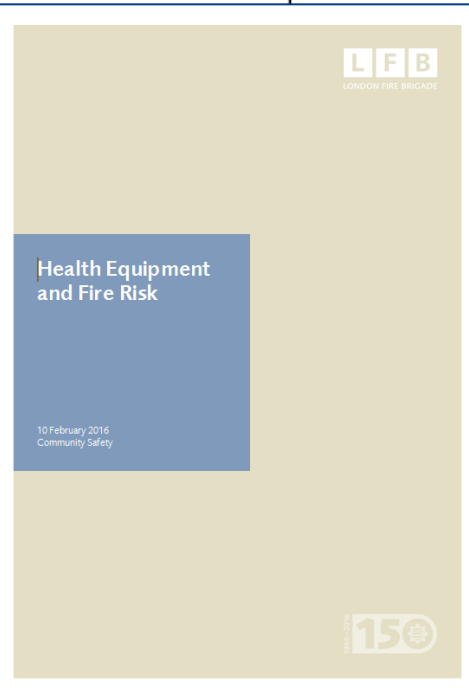
Residents should not be permitted to smoke in bedroom is suitably equipped.

Fire Risk Assessments must:

- Take account of residents who wish to smoke confined to bed and cannot access designated
- Identify hazards – Ignition sources (lighters, soft furnishings, laundry, paper products, sleep airflow, cylinders, airflow mattresses)
- Assess the level of risk from smoking – the like consequences.
- Identify source of information on risk – care plan that smoke, premises fire risk assessment (the the individual smoking risk assessment)
- Reference individual smoking risk assessments person, carried out with resident/family involve smoking unaided, consider risk to other reside management arrangements such as supervisory
- Identify competent and trained persons responsible the RA.

Reducing risks:

- Is there evidence of burn marks on the floor, b
- Is smoking monitored/controlled at night?



Other Resources



NPSA
National Patient
Safety Agency

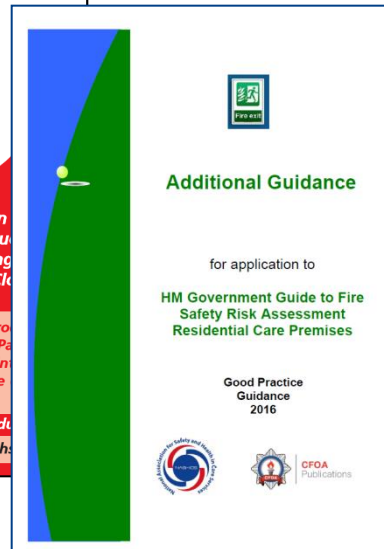
Fire Hazard

With Paraffin Skin Products Dressings and Clothing

Skin products containing paraffin based products for example White Soft Paraffin, White Soft Paraffin plus 50% Liquid Paraffin or Emulsifying ointments in contact with dressings and clothing are ignited with a naked flame or a cigarette.

Keep away from fire when using these products.

For further information, go to www.npsa.nhs.uk



Additional Guidance

for application to

HM Government Guide to Fire Safety Risk Assessment Residential Care Premises

Good Practice Guidance 2016

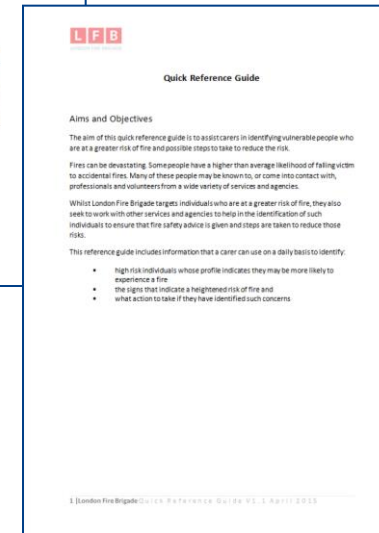
CFOA
Publications



LFB
LONDON FIRE BRIGADE

Personal Protection Watermist Systems

Protecting vulnerable people from fire



LFB
LONDON FIRE BRIGADE

Quick Reference Guide

Aims and Objectives

The aim of this quick reference guide is to assist carers in identifying vulnerable people who are at a greater risk of fire and possible steps to take to reduce the risk.

Fires can be devastating. Some people have a higher than average likelihood of falling victim to accidental fires. Many of these people may be known to, or come into contact with, professionals and volunteers from a wide variety of services and agencies.

Whilst London Fire Brigade targets individuals who are at a greater risk of fire, they also seek to work with other services and agencies to help in the identification of such individuals to ensure that fire safety advice is given and steps are taken to reduce those risks.

This reference guide includes information that a carer can use on a daily basis to identify:

- high risk individuals whose profile indicates they may be more likely to experience a fire
- the signs that indicate a heightened risk of fire and
- what action to take if they have identified such concerns

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National Guidance being drafted !



In Summary

- **To improve Prevention and Protection from fire for the vulnerable person.**
 - **fire risk assessments, individual risk assessments and care planning**

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