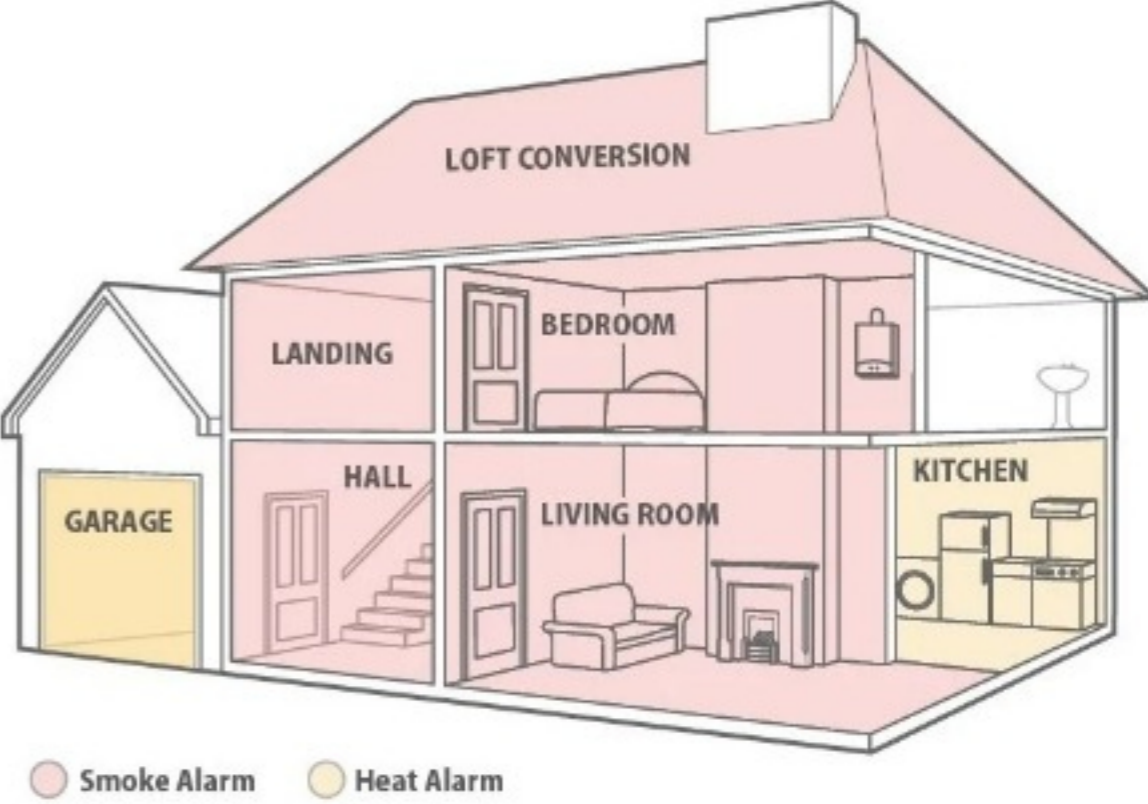


# Categories for fire detection and fire alarm systems (as per BS 5839-6:2019):

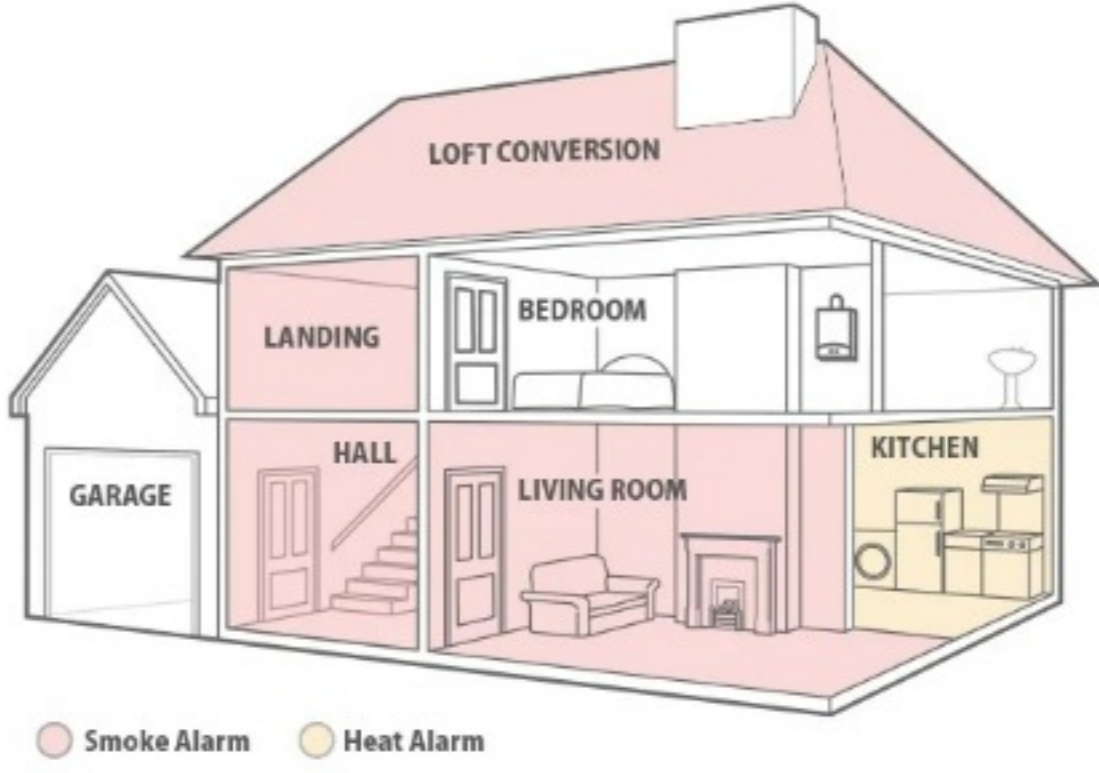
With regard to categories, the standard of protection in sheltered housing flats has been increased from Category LD2 to Category LD1, positioning it as a higher potential risk. To meet LD1 requirements, the installation of a fire detection system is required throughout the premises – this includes all rooms (and circulation areas that form part of the escape routes) except toilets, bathrooms and shower rooms.

The three categories for fire detection and fire alarm systems are listed below and outline where fire detection systems should be installed:

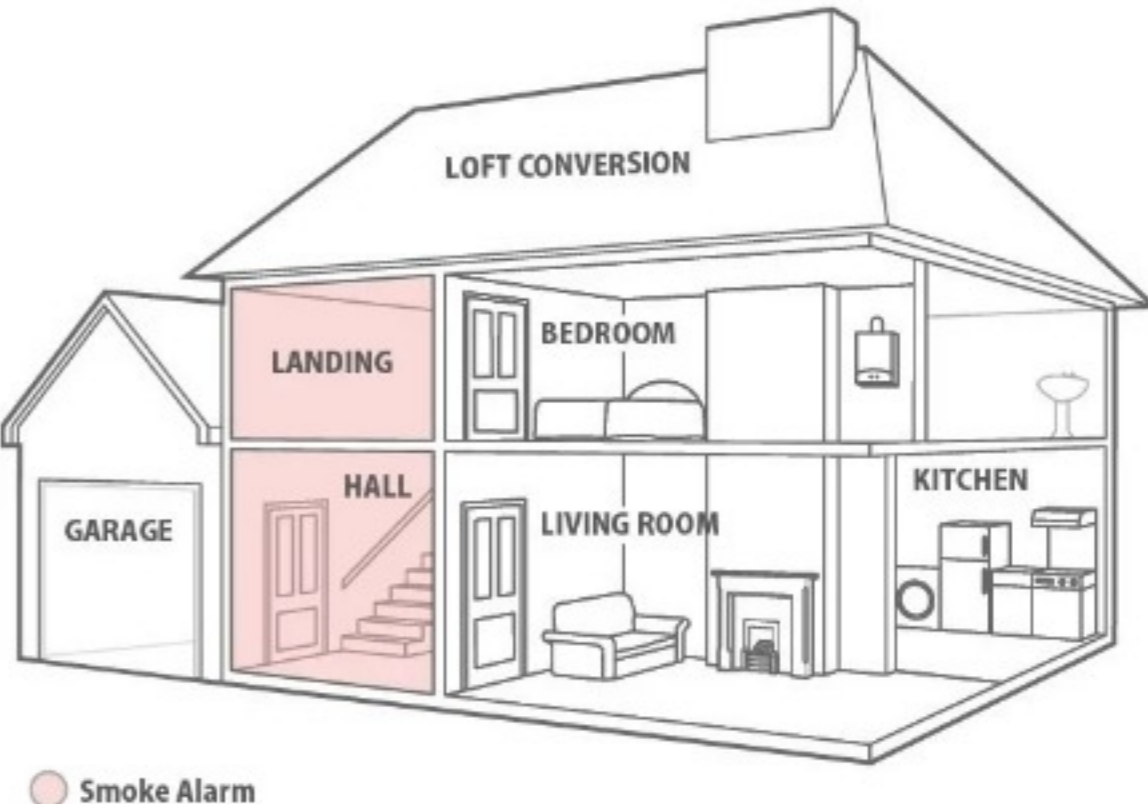
## LD1 Maximum Protection

<p><b>Escape routes, high risk rooms plus all areas where a fire might start</b></p>	<p><b>Escape routes, high risk rooms plus all areas where a fire might start</b></p> <p><b>Category LD1:</b> The highest level of protection of all occupants who might occupy the dwelling over the lifetime of the fire detection and fire alarm system. A system installed throughout the premises, incorporating detectors in all circulation areas that form part of the escape routes from the premises, and in all rooms and areas, other than those with negligible sources of ignition, such as toilets, bathrooms and shower rooms.</p> <ul style="list-style-type: none"> <li>• Hallway</li> <li>• Landing</li> <li>• Living Room</li> <li>• Kitchen (Heat alarm)</li> <li>• Bedroom</li> <li>• Airing / Meter Cupboards</li> <li>• Loft</li> <li>• Garage</li> </ul>	
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## LD2 Additional Protection

<p><b>Escape routes plus high risk rooms</b></p>	<p><b>Escape routes plus high risk rooms</b></p> <p><b>Category LD2:</b> A system incorporating detectors in all circulation areas that form part of the escape routes from the premises, and in all specified rooms or areas that present a high fire risk to occupants, including any kitchen and the principal habitable room.</p> <ul style="list-style-type: none"> <li>• Hallway</li> <li>• Landing</li> <li>• Living Room</li> <li>• Kitchen (Heat alarm)</li> </ul>	
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## LD3 Minimum Protection

<p><b>Escape routes only</b></p>	<p><b>Escape routes only</b></p> <p><b>Category LD3:</b> A system incorporating detectors in all circulation areas that form part of the escape routes from the premises.</p> <ul style="list-style-type: none"> <li>• Hallway</li> <li>• Landing</li> </ul> <p><b>Note:</b> This minimum category now only applies to owner occupied bungalow, flat, single-storey unit or maisonette with no floor level above 4.5m from ground level or owner-occupied two-storey house.</p>	
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