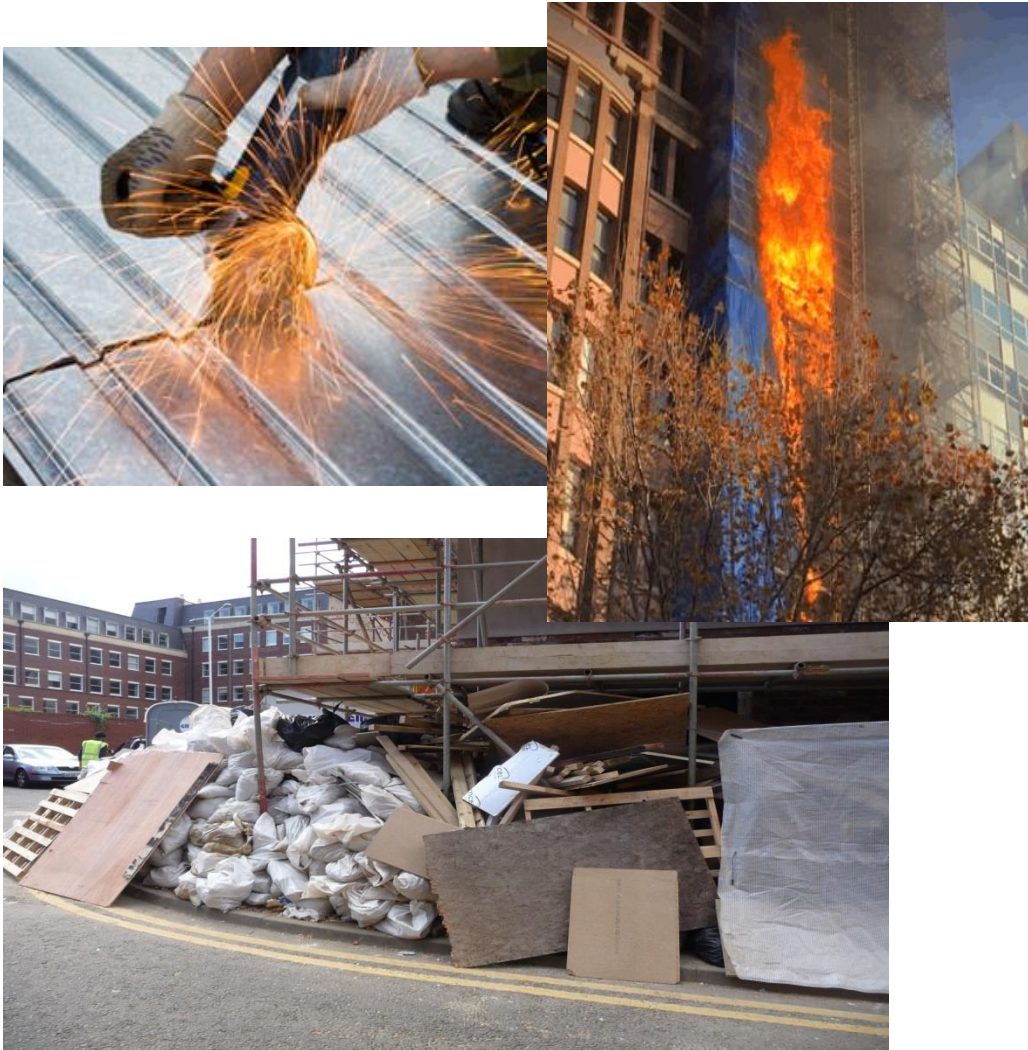


Health & safety in maintenance & repair

Ray Cooke

Construction sector safety team

Process fire precautions



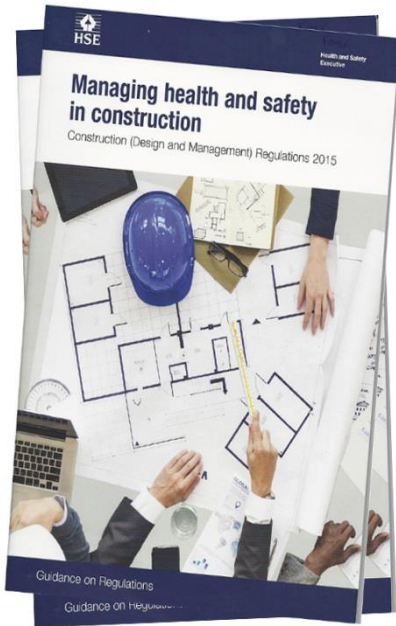
- Sources of ignition
 - Work activities
 - Other
- Sources of fuel
 - Waste
 - New materials

General fire precautions

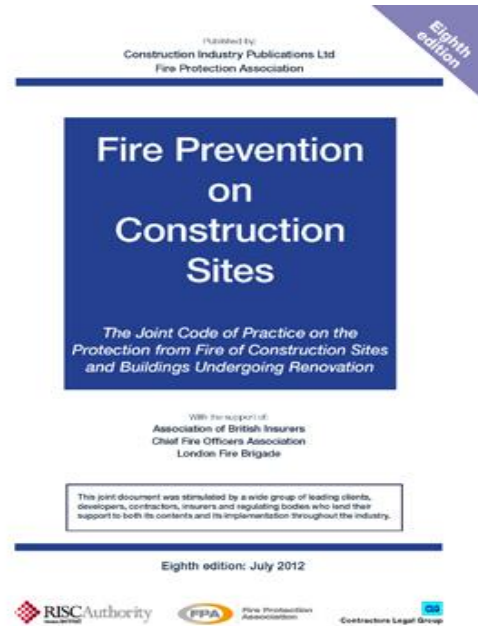


- Escape routes
- Means of raising the alarm
- Existing arrangements for residents
- Fire and Rescue Service

Further guidance



L153



JCoP



HSG 168

HSE handout – removal & replacement of cladding in tall buildings

Asbestos



Figure 47 Typical locations for the most common asbestos-containing materials

Roof and exterior walls

- 1 Roof sheets, slates and tiles
- 2 Guttering and drainpipe
- 3 Wall cladding
- 4 Soffit boards
- 5 Panel beneath window
- 6 Roofing felt and coating to metal wall cladding

Boiler, vessels and pipe work

- 7 Lagging on boiler, pipework, calorifier etc.
- 8 Damaged lagging and associated debris
- 9 Paper lining under non-asbestos pipe lagging
- 10 Gasket in pipe and vessel joints
- 11 Rope seal on boiler access hatch and between cast iron boiler sections
- 12 Paper lining inside steel boiler casing
- 13 Boiler flue

Ceilings

- 14 Spray coating to ceiling, walls, beams/columns
- 15 Loose asbestos in ceiling/floor cavity
- 16 Tiles, slats, canopies and firebreaks above ceilings
- 17 Textured coatings and paints

Interior walls/panels

- 18 Loose asbestos inside partition walls
- 19 Partition walls
- 20 Panel beneath window
- 21 Panel lining to lift shaft
- 22 Panelling to vertical and horizontal beams
- 23 Panel behind electrical equipment
- 24 Panel on access hatch to service riser
- 25 Panel lining service riser and floor
- 26 Heater cupboard around domestic boiler
- 27 Panel behind/under heater
- 28 Panel on, or inside, fire door
- 29 Bath panel

Flooring materials

- 30 Floor tiles, linoleum and paper backing, lining to suspended floor

Air handling systems

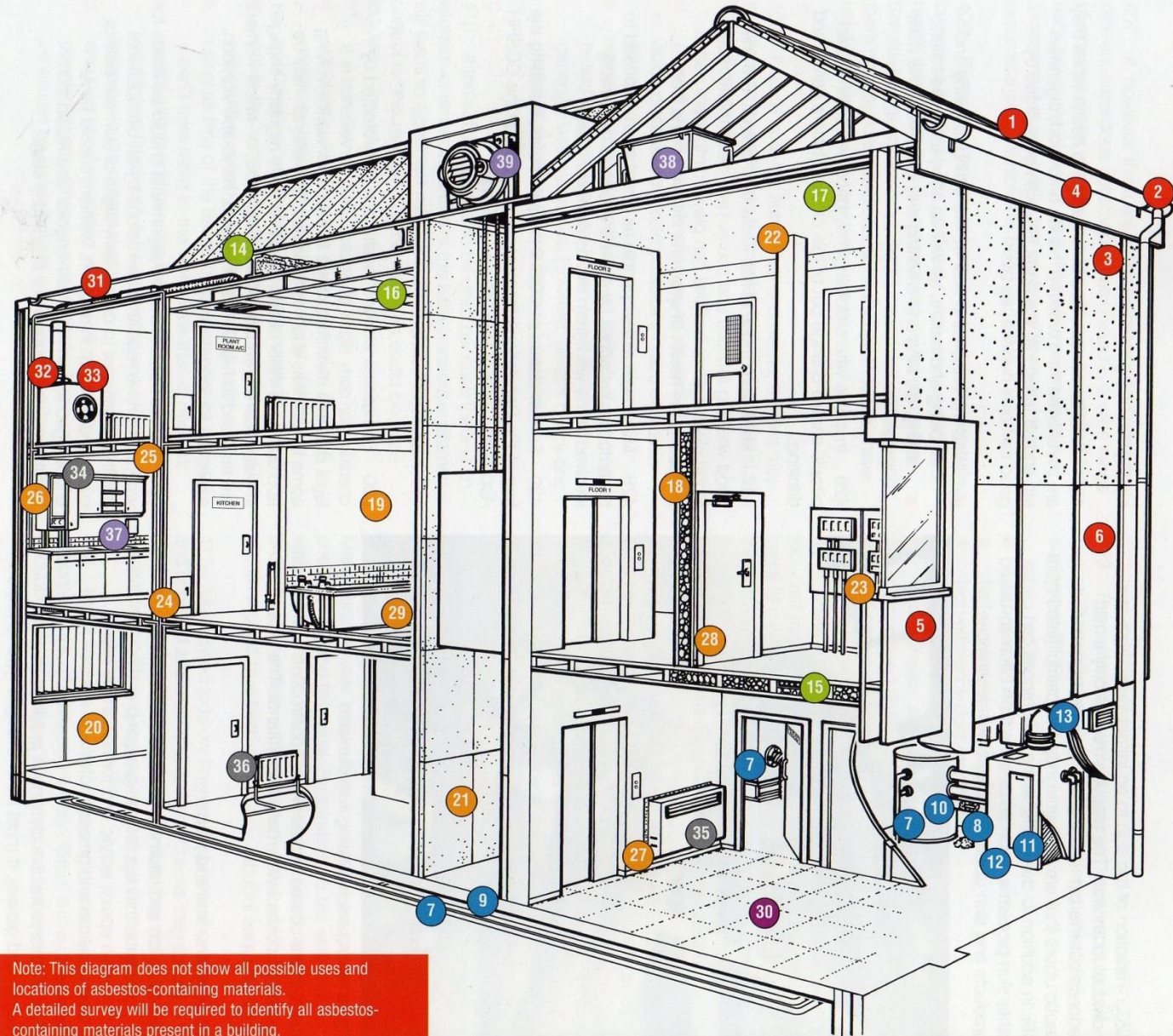
- 31 Lagging
- 32 Gaskets
- 33 Anti-vibration gaiter

Domestic appliances

- 34 Gaskets, rope seals and panels in domestic boilers
- 35 'Caposil' insulating blocks, panels, paper, string etc in domestic heater
- 36 String seals on radiators

Other

- 37 Fire blanket
- 38 Water tank
- 39 Brake/clutch lining



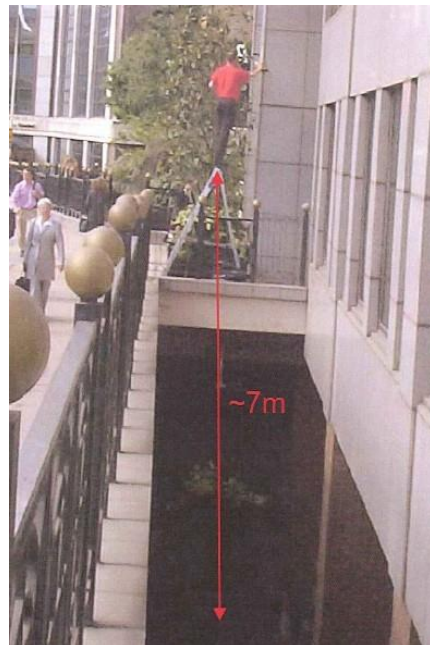
Note: This diagram does not show all possible uses and locations of asbestos-containing materials. A detailed survey will be required to identify all asbestos-containing materials present in a building.

Work at height

- Remains main cause of construction fatalities and a significant cause of specified (major) injuries
- Assess the work before it starts and follow the hierarchy
- Select the method of work and type of equipment that is most appropriate

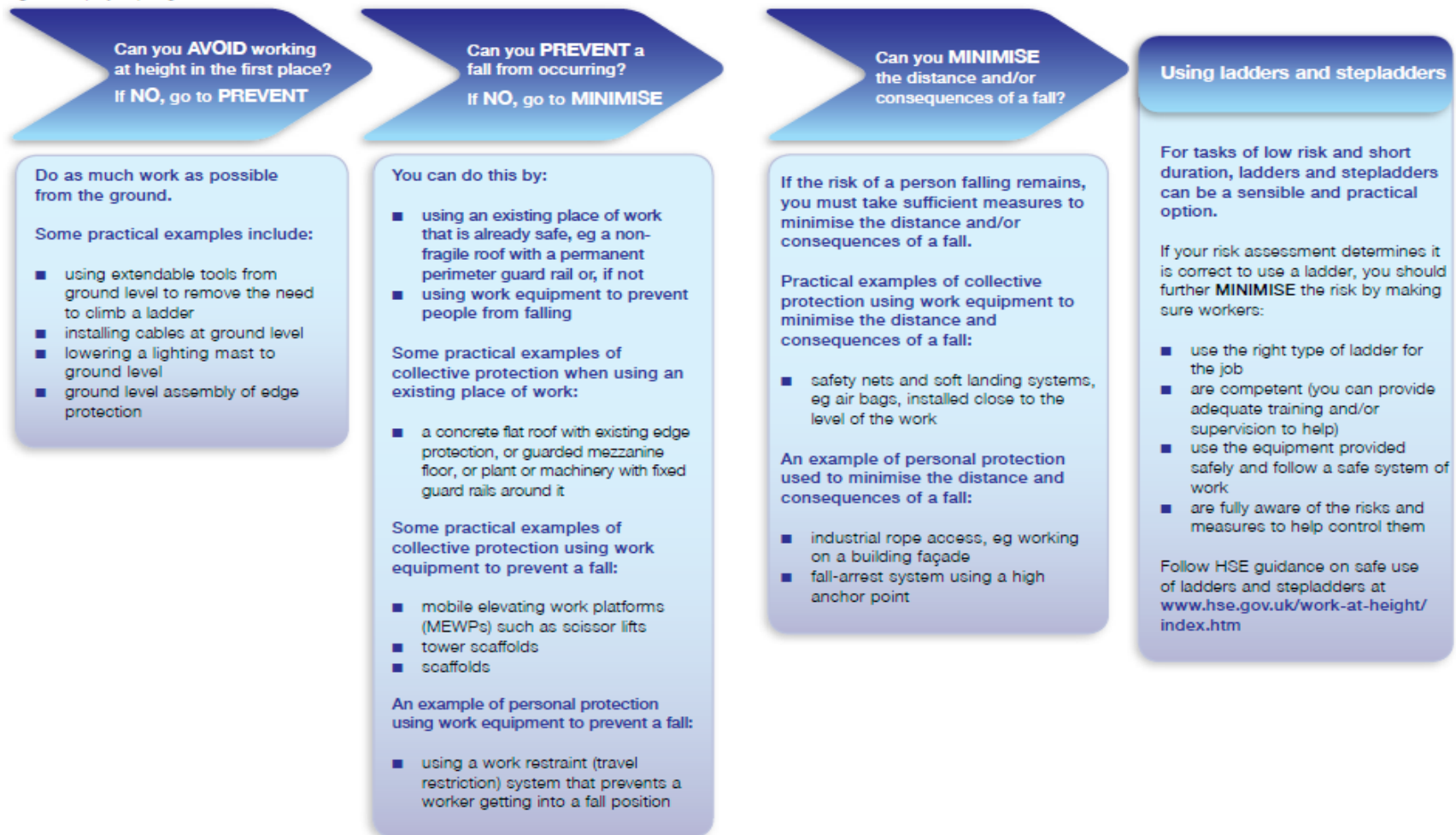


Short duration work



Hierarchy of control slide

Figure 1 Step-by-step diagram





MEWPs



Work platforms



Ladders/stepladders



