

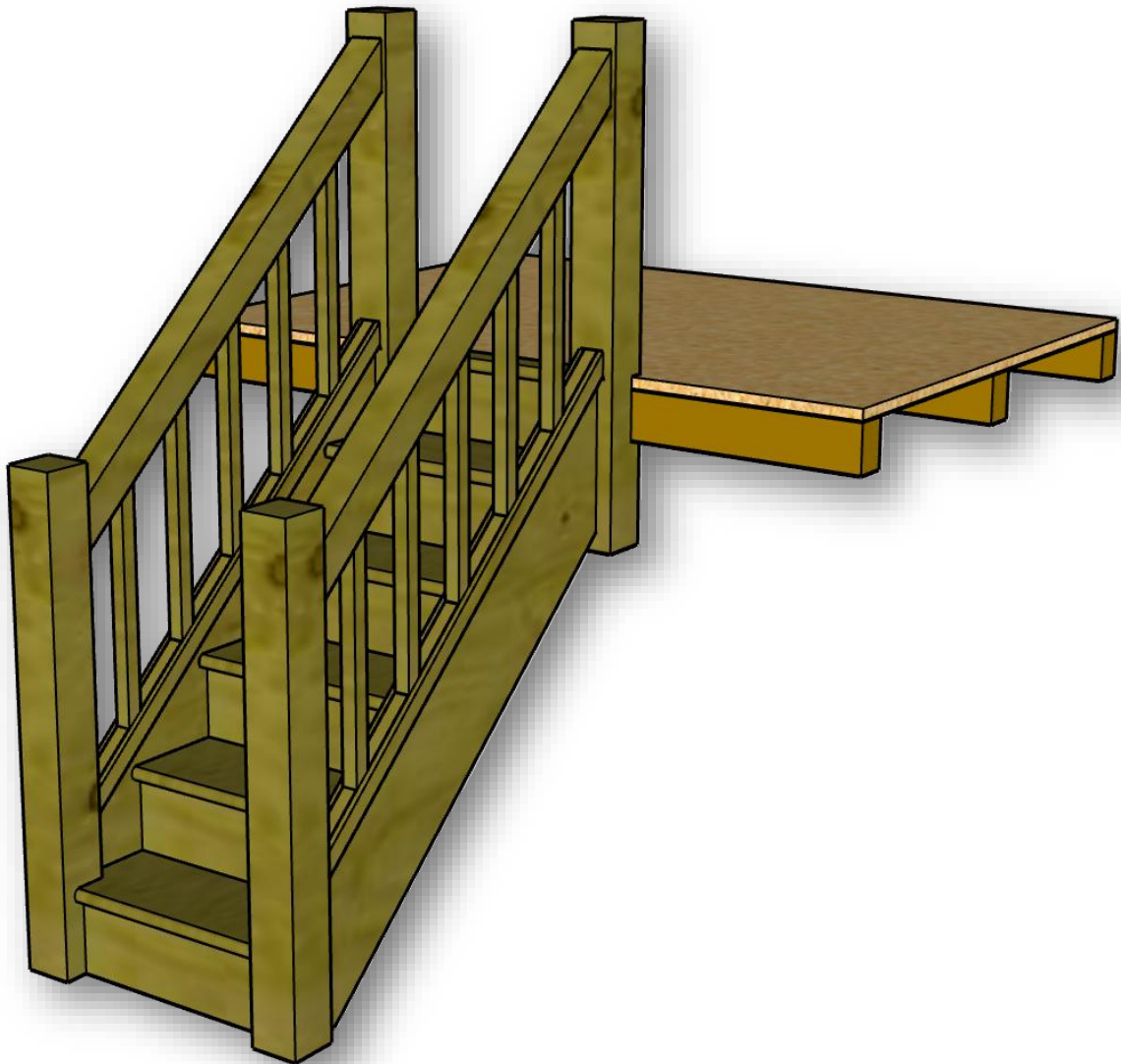
Technical Specifications

Task 3: Fix a Straight Flight of Stairs.



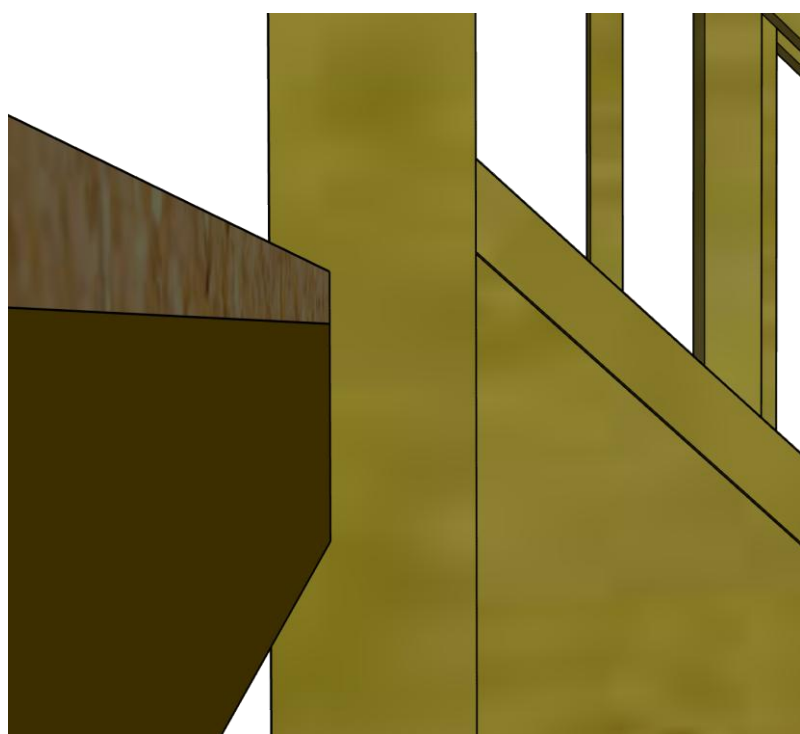
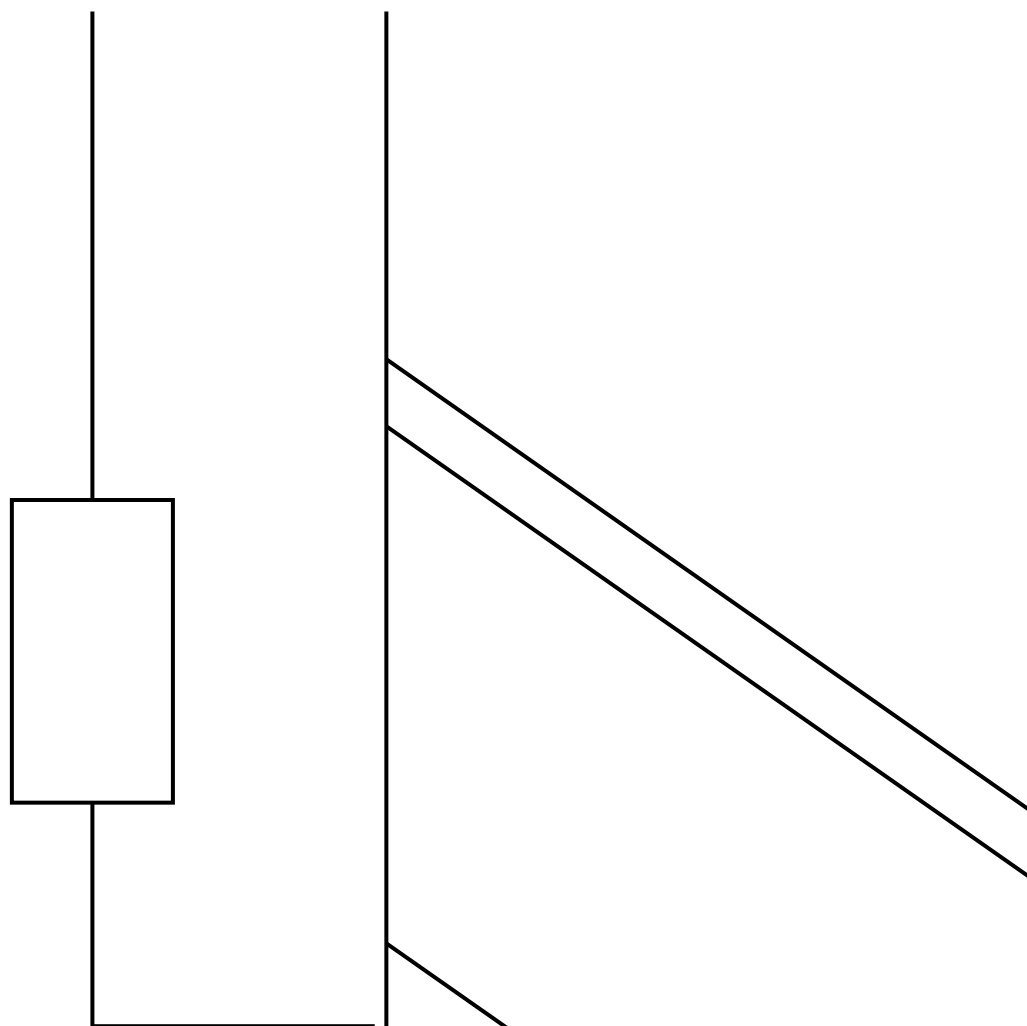
208. Carry Out First Fix Frames, Partitions & Stairs.

Task 3. Fix a straight flight of stairs.



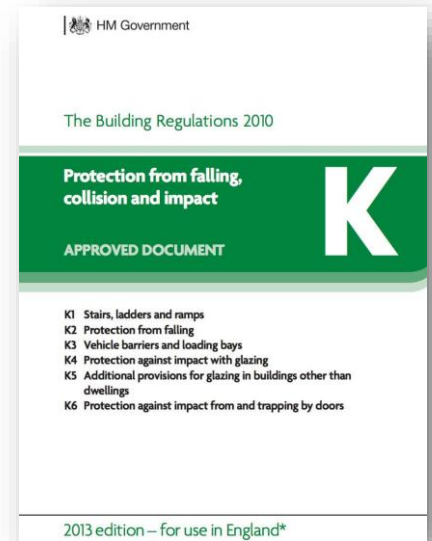
A staircase landing is a flat platform that provides a resting point or change of direction between flights of stairs, improving safety and comfort. Structurally, the landing is framed and supported by floor joists, with the joist trim acting as the fixing point. The landing joists are securely connected to the floor joist trim using metal hangers, bolts, or traditional timber joints, ensuring the platform is stable and capable of bearing loads. This method ties the landing into the main floor structure, creating a rigid and continuous framework that integrates seamlessly with the staircase.

Landing the stairs

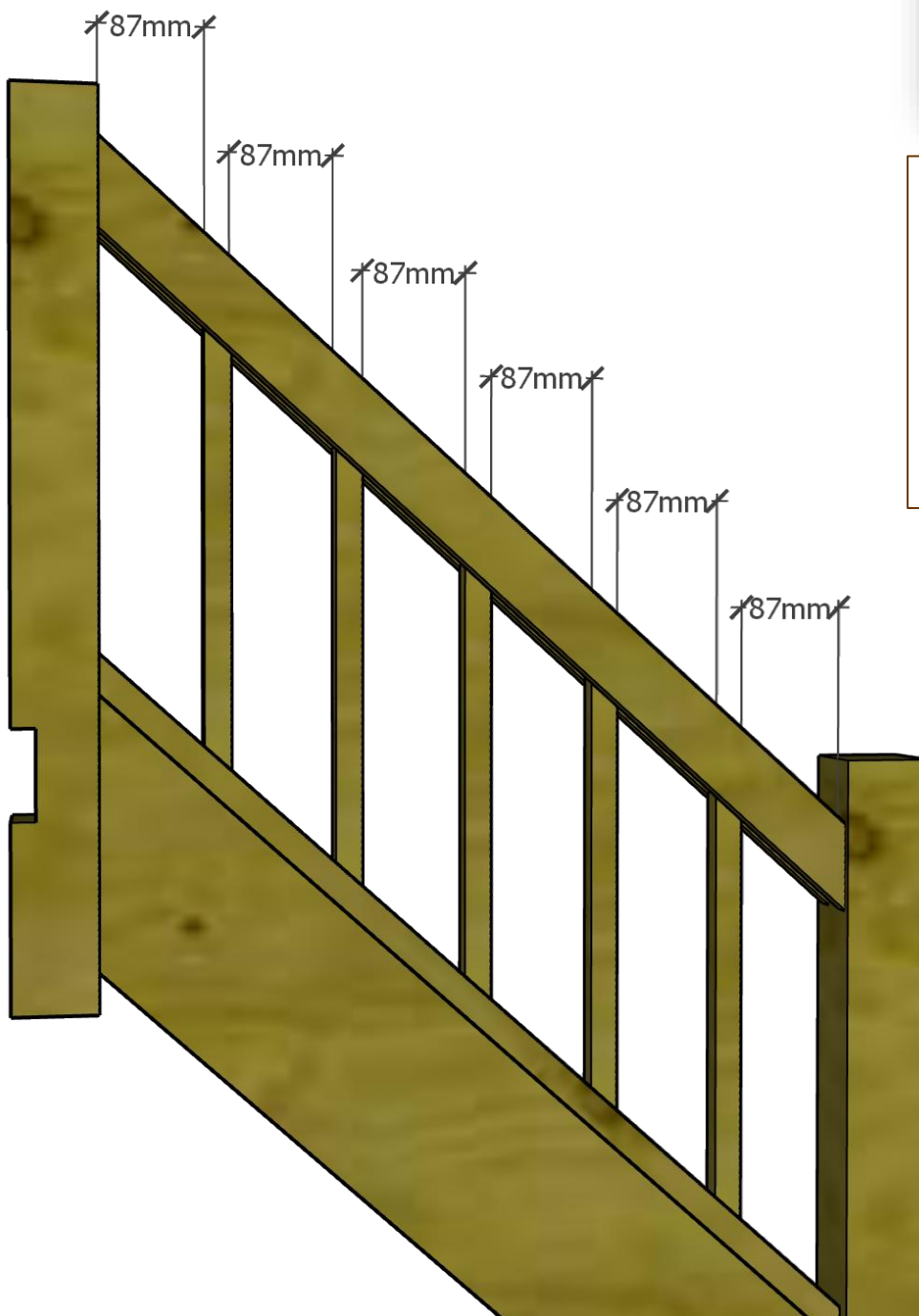


Spindles.

Part K of the Building Regulations points out the laws regarding the spacing of spindles on a staircase.



Max
99mm



Unit and task reference	Date	Activity	Hazard	Existing Controls	S (1-3)	L (1-3)	RR (S x L)	Actions needed

Generic forms
Resource checklist A



Unit	
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Candidate name	
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Task	
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Date	
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Tools and fixings (if required)	Quantity
<i>eg mortice chisel</i>	1

Materials	Quantity
<i>eg plywood (measurements if appropriate)</i>	1

Personal Protective Equipment (PPE)	Quantity
<i>eg safety harness</i>	1

Unit 208 Carry out first fix frames, partitions and stairs

Task 3 Fix a straight flight of stairs

Expected time	4 hours
Task instructions	• Complete a risk assessment. • Complete a tools and equipment list. • Fix a staircase, newels and balustrade. • Work according to environmental and health and safety regulations.
Diagrams	Figure 1 Half flight staircase page 46 Figure 2 Newel and string detail page 47

Observation checklist

AC	The candidate has	Pass	Merit	Distinction
6.1	completed the risk assessment form accurately, to meet current health and safety legislation (note: where a risk assessment has been carried out for a previous task, the same form may be added to for this criteria)	☐		
6.2	completed a resource checklist and selected the following correctly • tools • equipment	☐		
6.3	fixed the following in accordance with Figures 1 and 2 stairs • fixed securely to trimmer	☐		
	• nosing secure without gaps	☐		
	• top and bottom riser secure without gaps	☐		
	newels and string • newel seating correctly notched with no gaps	☐ ± 3 mm	☐ ± 2 mm	☐ ± 1 mm
	• strings cut correctly at top and bottom	☐ ± 3 mm	☐ ± 2 mm	☐ ± 1 mm
	balustrading • spindle spacings equal (not exceeding 100 mm)	☐ ± 4 mm	☐ ± 2 mm	☐ ± 1 mm
	• minimum spindles used for available span	☐		
	• infill pieces tight within 1 mm	☐		
	• spindles plumb	☐ ± 3 mm	☐ ± 2 mm	☐ ± 1 mm

AC	The candidate has	Pass	Merit	Distinction
6.4	followed current environmental and relevant health and safety regulations relating to fixing a straight flight of stairs, including • good house keeping • use of PPE • use of machines in accordance with ACoP	☐		

Task grading rules		Task grade:
To award a pass : every activity in the checklist must be successfully achieved.		
To award a merit : in addition to the above, all 4 graded activities in the checklist must be achieved to at least a merit standard.		
To award a distinction : in addition to both of the above, all 4 graded activities in the checklist must be achieved to a distinction standard.		
Assessor	Signature & Date	

Task reference	Unit feedback		
Task reference	Action plan	Target date	Achievement date