STAIRWAY HEADROOM
IBC 1009.5

STAIRWAY LANDINGS
IBC 1009.8

Handrails shall be continuous between flight of stairs or extend horizontally at least 12 inches beyond top riser and continue to slop for the depth of one tread beyond the bottom riser [IBC 1012.6].

CURVED STAIRWAYS
IBC 1009.11
See separate detail for tread depth requirements for Winder Treads [IBC 1009.7.2].

All occupancy Groups Except Group R-3 and within Group R-2

Risers shall be solid and vertical or sloped under the tread above [IBC 1009.7.5].

CONVENTIONAL STAIRWAY
IBC 1009.7.2

Handrails shall be continuous between flight of stairs or extend horizontally at least 12 inches beyond top riser and continue to slop for the depth of one tread beyond the bottom riser [IBC 1012.6].

WINDERS USED FOR CURVED STAIRWAY
NOTE: See exception to these requirements applicable only to Groups R-3 occupancies, within group R-2 dwelling units and Group U accessory to R-3 and R-2. Those exceptions would be that they comply with same requirements as IRC requirements [IBC 1009.7.2].

Winders are only permitted in other than R-3 or within R2 for means of egress stairways provided they are curved or spiral stairways [IBC 1009.7.3].

SPiral Stairways
IBC 1009.12

NOTE: See exception to these requirements applicable only to Groups R-3 and within Group R-2. Those exceptions would be that they comply with same requirements as IRC requirements [IBC 1009.7.2].
**RAMP LANDINGS**

- IBC 1010.6
  - Door swing over ramp landings
- IBC 1010.7
  - Ramp landings
- IBC 1010.10
  - Ramp edge protection

**HANDRAIL HEIGHT**

- IBC 1012.2
  - Dimensional handrails (Type II)
- IBC 1012.3.1
  - Type I handrails
- IBC 1012.4
  - Handrail continuity

Gripping surface shall be continuous, without interruption by newel post or other obstruction except within dwelling units at turn or landing and use of volute, turnout, starting easing or starting newel over the lowest tread.
Handrails shall be continuous between flight of stairs or extend horizontally at least 12 inches beyond top riser and continue to slope for the depth of one tread beyond the bottom riser [IBC 1012.6].

Handrails shall be continuous between flight of stairs or extend horizontally at least 12 inches beyond top riser and continue to slope for the depth of one tread beyond the bottom riser [IBC 1012.6].

Handrails shall be continuous between runs or extend horizontally at least 12 inches beyond top and bottom of ramp run [IBC 1012.6].

Handrails shall be continuous between runs or extend horizontally at least 12 inches beyond top and bottom of ramp run [IBC 1012.6].

NOTE: Exception to the 4 & 6-in sphere requirement, where elevated walking surfaces for access to electrical, mechanical or plumbing systems or equipment and in areas that are not open to the public within occupancies in Group I-3, F, H or S (ie. prisons, jails, industrial or storage), guards shall not have openings which allow passage of a sphere 21 inches in diameter.

NOTE: Exception to the 4 & 6-in sphere requirement, where elevated walking surfaces for access to electrical, mechanical or plumbing systems or equipment and in areas that are not open to the public within occupancies in Group I-3, F, H or S (ie. prisons, jails, industrial or storage), guards shall not have openings which allow passage of a sphere 21 inches in diameter.
ASSEMBLY SEATING GUARDS

IBC 1028.14

Guard Rail for foot of aisle (See next detail)

IBC 1013.4 exception #5

Guards in front of seating

Min 36" if foot of aisle is equal to or less than 30" above the floor or grade below [IBC 1028.14.3]

Guard Rail for foot of aisle required to be minimum 36" where foot of aisle is 30" or less from floor or grade below. If more than 30" above floor or grade below, then minimum 42 inch guard would be required.

IBC 1028.14

ASSEMBLY SEATING GUARDS

Guardrail for cross aisle shall be in accordance with IBC 1013 (42" etc.) where greater than 30" from floor or grade below.

Guard at foot of aisle required to be minimum 36" where foot of aisle is 30" or less from floor or grade below. If more than 30" above floor or grade below, then minimum 42 inch guard would be required.

IBC 1028.14.3

ASSEMBLY AISLE GUARDS

Not applicable if guard is required to be 42" in height

Min 36" if foot of aisle is equal to or less than 30" above the floor or grade below [IBC 1028.14.3]