

OSHA DESIGN REQUIREMENTS

STAIRS



GUARDRAILS

Guardrails or handrail systems must be provided on any platform with an elevation greater than or equal to 4 feet.



CLEARANCE

Vertical clearance above any stair tread to any overhead obstruction is at least 6 feet, 8 inches.



TREAD WIDTH

Each stair must have a minimum width of 22 inches between vertical barriers.



LOAD

Each stair must support at least five times the anticipated load.



ANGLE

Stairs must be installed at an angle between 30 and 50 degrees from the horizontal.



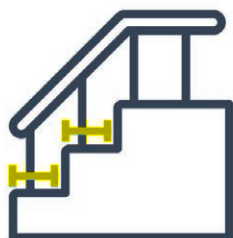
RISER HEIGHT

Each stair must have a uniform riser height of no more than 9.5 inches.



TREAD DEPTH

Each stair must have a uniform tread depth of no less than 9.5 inches.



SWINGING DOORS

When a door opens directly onto a stairway, a platform must be provided and the usable depth must not reduce to any less than 22 inches.

