

# Floors, Stairs, and Other Openings Checklist

|   | Yes | No | N/A | Comment |
|---|-----|----|-----|---------|
| 1. Is every skylight, floor opening and hole guarded by a standard skylight screen or a fixed standard railing on all exposed sides?  |     |    |     |         |
| 2. Are all floor openings to stairways, ladder ways, hatchways, chutes, or manholes guarded by a standard railing and toe boards (on all sides except the entrance) or other protective cover?  |     |    |     |         |
| 3. Is every temporary floor opening guarded by a standard railing or constantly attended by someone?  |     |    |     |         |
| 4. Is every floor hole into which a person could fall guarded by either a standard railing and toe board or floor hole cover?   |     |    |     |         |
| 5. Is every floor hole into which a person could not fall (because of fixed machinery, equipment, or walls) protected by a cover that leaves no openings more than 1 inch wide?<br>(Note: The cover must be securely held in place to prevent tools or materials from falling through.)   |     |    |     |         |
| 6. Where doors or gates open directly onto a stairway, does a platform allow an effective width of at least 20 inches when the door swings open?  |     |    |     |         |
| 7. Is every open-sided floor or platform that is 4 feet or more above the adjacent floor ground level guarded by a standard railing on all open sides?  |     |    |     |         |
| 8. Is every runway guarded by a standard railing on all open sides that are 4 feet or more above the floor or ground level?   |     |    |     |         |
| 9. Regardless of height, are all open-sided floors, walkways, platforms, or runways guarded with a standard railing and toe board if they are above or adjacent to any dangerous equipment or operation?  |     |    |     |         |
| 10. Is every open-sided floor or platform that is 4 feet or more above the adjacent floor ground level guarded by a toe board if, beneath the open sides: <ul style="list-style-type: none"> <li>• Persons can pass;</li> <li>• Machinery is moving; or</li> <li>• Equipment could create a hazard of falling materials?</li> </ul> |     |    |     |         |

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| <p>11. Is every wall opening from which the drop is more than 4 feet guarded with a standard railing or other barrier?</p>   |  |  |  |  |
| <p>12. Is every window wall opening guarded by slats, grill work, or standard railing if:</p> <ul style="list-style-type: none"> <li>• It is at a stairway landing, floor, platform, or balcony from which the drop is more than 4 feet; and</li> <li>• The bottom of the opening is less than 3 feet above the platform or landing?</li> </ul>  |  |  |  |  |
| <p>13. Is every flight of stairs with four or more risers equipped with standard stair railings or standard handrails as specified below:</p> <ul style="list-style-type: none"> <li>• On stairways less than 44 inches wide with both sides enclosed, at least one handrail is required, preferably on the right hand side descending.</li> <li>• On stairways less than 44 inches wide with one open side, at least one stair railing must be on the open side.</li> <li>• On stairways less than 44 inches wide with both sides open, one stair railing is required on each side.</li> <li>• On stairways more than 44 inches wide but less than 88 inches wide, one handrail on each enclosed side and one stair railing on each open side is required.</li> <li>• On stairways 88 or more inches wide, one handrail on each enclosed side, one stair railing on each open side, and one intermediate stair railing located approximately midway of the width is required.</li> </ul>  |  |  |  |  |
| <p>14. Where standard railings are provided, do they meet the specifications shown in the figure below?</p> <p>(Note: The rail must consist of a top rail at a height of 42 inches and a midrail at approximately 21 inches. The top rail must be smooth surfaced throughout the length of the railing.)</p> <div style="display: flex; justify-content: space-around;"> <div> <p><b>WOOD</b></p> <p>Posts and Rails<br/>2" x 4" stock</p> <p>Intermediate Rail Halfway</p> <p>6 Ft. Maximum Between Posts</p> </div> <div> <p><b>STRUCTURAL STEEL</b></p> <p>Posts and Rails<br/>2" x 2" x 3/8"</p> <p>Intermediate Rail Halfway</p> <p>8 Ft. Maximum Between Posts</p> </div> <div> <p><b>PIPE</b></p> <p>Posts and Rails<br/>1 1/2" Dia. Pipe</p> <p>Intermediate Rail Halfway</p> <p>8 Ft. Maximum Between Posts</p> </div> <div> <p><b>TOEBOARDS</b></p> <p>Intermediate Rail Halfway</p> <p>4" Toeboard</p> <p>1/4" Gap Max.</p> </div> </div> <p style="text-align: center;"><b>Proper construction and specifications for guardrails</b></p> |  |  |  |  |

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| 15. Are all stair railings between 30 and 34 inches from the top of the rail to the surface of the tread in line with the face of the riser at forward edge of tread?   |  |  |  |  |
| 16. If wooden railings are used for guardrails, are the posts at least 2 inches by 4 inches and spaced less than 6 feet apart?<br>(Note: The top rail and intermediate rails must also be at least 2 inches by 4 inches stock.)   |  |  |  |  |
| 17. If pipe railings are used, are posts and top and intermediate rails at least 1 ½ inches nominal diameter with posts spaced less than 8 feet on centers?   |  |  |  |  |
| 18. If structural steel is used for guardrails, are the posts and top intermediate rails: <ul style="list-style-type: none"> <li>• At least 2 inches by 2 inches by 3/8 inch angle irons; or</li> <li>• Other metal shapes of equivalent bending strength with posts spaced not more than 8 feet on centers?</li> </ul> |  |  |  |  |
| 19. Is the guardrail anchored and of such construction that it is capable of withstanding a load of at least 200 pounds applied in any direction at any point on the top rail?  |  |  |  |  |
| 20. Are standard toe boards at least 4 inches in height provided at the floor of the guardrail?   |  |  |  |  |
| 21. Are handrails constructed so that they can be easily grasped (i.e., rounded)?   |  |  |  |  |
| 22. Are all handrails and railings provided with a clearance of at least 3 inches between the handrail or railing and any other subject?<br>(Note: Any lesser distance would make it difficult to get a good grasp in an emergency.)  |  |  |  |  |
| 23. Are skylight screens constructed so that they are capable of withstanding a load of at least 200 pounds applied perpendicularly to any area on the screen?<br>(Note: Sometimes people get on the roof and fall through skylight screens that are not designed to prevent this type of fall.)                        |  |  |  |  |
| 24. Are wall opening barriers (rails, rollers, picket fences, and half doors) constructed and mounted so that the barrier is capable of withstanding a load of at least 200 pounds applied in any direction (except upward) at any point on the top rail or corresponding member?                                       |  |  |  |  |

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