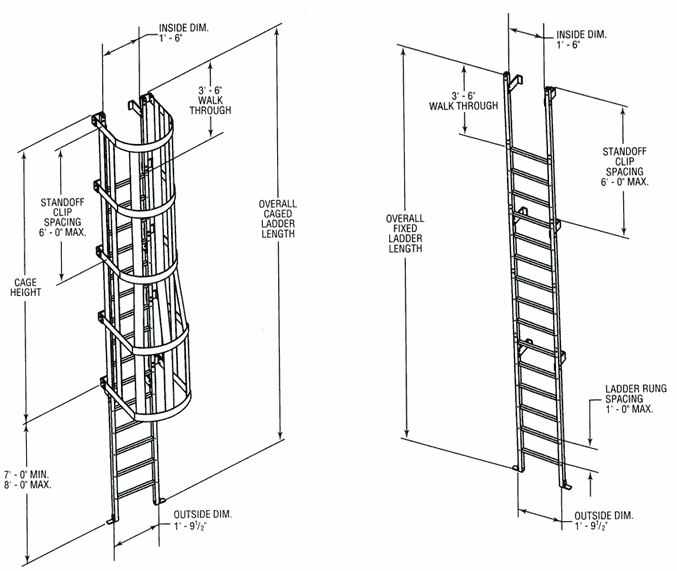
|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Fixed Ladder Inspection Checklist**  **Suggested frequency once per year** | | | | | | | |
| **Entity:** | | | **Inspection Date: / / 201** | | | | |
| **Name of Inspector:** | | | **Title:** | | | | |
| **Ladder ID #** | | | | | | | |
| # | | **Condition: Write line #’s and comments on back for all “Needs Repair” listings** | | | | | |
|  | | **Reference: 29 CFR 1910.27 (2017) & ANSI A 14.3** | | | **Needs repair** | **O.K** | **Date repaired** |
| **1** | | Loose rungs (considered loose if they can be moved at all by the hand) | | |  |  |  |
| **2** | | All rungs shall have a minimum diameter of 3/4 “for metal ladders?  *If the ladder is embedded in concrete and serves as an access to pits or other atmospheres that cause corrosion and rusting, the rungs must be at least* ***one inch in diameter*** *or be painted or treated to resist corrosion and rusting.* | | |  |  |  |
| **3** | | The distance between rungs, cleats, & steps shall not exceed 12“& shall be uniform throughout the length of the ladder. | | |  |  |  |
| **4** | | Are the rungs of ladders designed so that the foot cannot slip off the end? | | |  |  |  |
| **5** | | The minimum clear length of rungs or cleats shall be 16“. | | |  |  |  |
| **6** | | Side rails used as a climbing aid shall be of such cross sections as to afford adequate gripping surface without sharp edges, splinters, or burrs. | | |  |  |  |
| **7** | | A clear width of at least 15” shall be provided each way from the centerline of the ladder in the climbing space, except when cages or wells are necessary. | | |  |  |  |
| **8** | | Cages shall be provided on ladders of more than **24** feet to a maximum unbroken length of 30 feet. ***Can substitute ladder safety device*** | | |  |  |  |
| **9** | | The perpendicular distance from the centerline of the rungs to the nearest permanent object on the climbing side of the ladder **30“** for a pitch of 90 o | | |  |  |  |
| **10** | | The distance from the centerline rungs, cleats, or steps to the nearest permanent object in back of the ladder shall be not less than **7** inches. | | |  |  |  |
| **11** | | Step-across distance for the nearest edge of ladder to the nearest edge of equipment or structure shall not be more than **12“**or less than **2 ½ “.** | | |  |  |  |
| **12** | | The side rails of the through ladder extensions shall extend **3½** feet above the parapets & landings. | | |  |  |  |
| **13** | | The preferred pitch of fixed ladders shall be considered to come in the range of **75º & 90º** with the horizontal. | | |  |  |  |

Reference diagram on page two for proper nomenclature and dimensions



**COMMENTS**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**