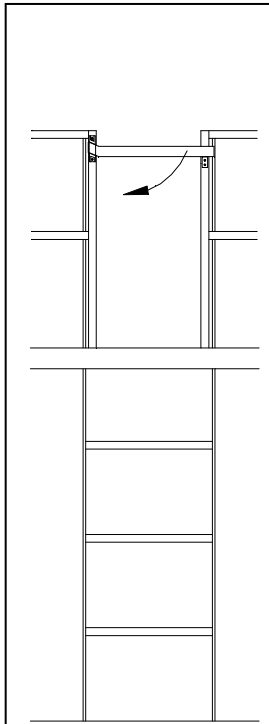
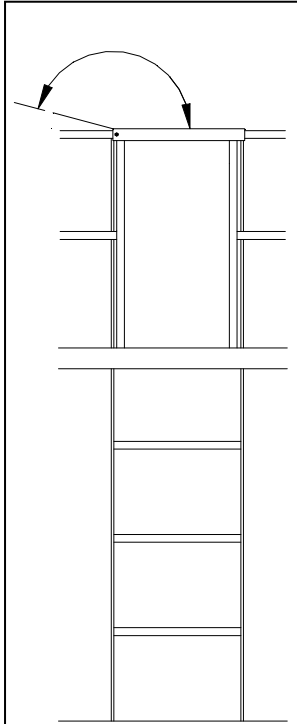


COMPARISON OF TYPICAL LADDER SAFETY BARRIERS



Does Not Comply

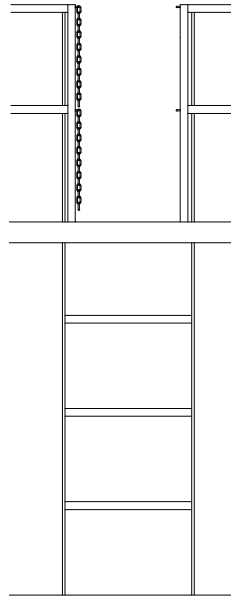
A Single Swing Bar does not comply with OSHA standard.



Does Not Comply

A single, vertically rising bar does not comply with the OSHA Standard at 29 CFR 1910.23(a)(2).

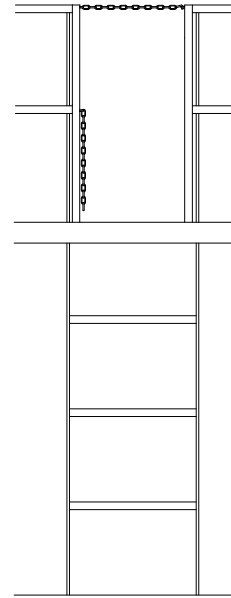
Reference: OSHA Standards Interpretation and Compliance Letters, 05/12/1992 - Ladderway floor openings.



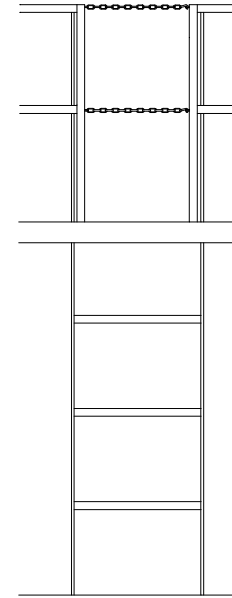
Does Not Comply

Safety Chains do not comply with the OSHA Standard at 29 CFR 1910.23(a)(2). However, OSHA Interpretation and Compliance Letters, 02/12/1992 - The use of a safety chain in lieu of a gate, does state, "if in fact the safety chains used for top and intermediate rails afford employees protection 'at least as effective as' the swing gate, the safety chains would be adequate and noted as a de minimis violation.

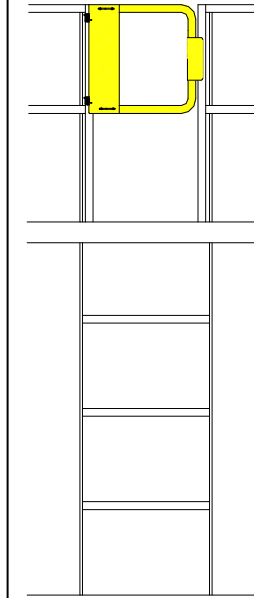
The key to utilizing safety chains is the fact that **both** the top and intermediate chains must be utilized at all times.



Does Not Comply



Noted as a "de minimis violation" by OSHA



Complys, to the letter of the OSHA Regulation.

29 CFR 1910.23(a)(2) does require ladderway openings to be provided with a swing gate or offset passage.

Referenece: OSHA Standards Interpretation and Compliance Letters: - The use of a safety chain in lieu of a gate.02/12/1982