

Reports of OSHA Fatality/Catastrophe Investigations"; U.S. Department of Labor, Office of Statistical Studies and Analysis, 200 Constitution Avenue, NW., Washington, DC 20210.

V. Fall Protection References

A. "A Study of Personal Fall-Safety Equipment", NBSIR 76-1146; National Bureau of Standards, National Technical Information Service, Springfield, Virginia 22151.

B. "Guardrails for the Prevention of Occupational Accidents", NBSIR 76-1132; National Bureau of Standards, National Technical Information Service, Springfield, Virginia 22151.

C. Investigation of Guardrails for the Protection of Employees from Occupational Hazards, NBSIR 76-1139; National Bureau of Standards, National Technical Information Service, Springfield, Virginia 22151.

D. A Model Performance Standard for Guardrails, NBSIR 76-1131; National Bureau of Standards, National Technical Information Service, Springfield, Virginia 22151.

* National Technical Information Services (NTIS), Port Royal Rd., Springfield, Virginia 22151, Phone: (703) 487-4650.

3. The authority citation for subpart F of part 1910 is proposed to be revised as follows:

Authority: Secs. 4, 6, 8, Occupational Safety and Health Act of 1970 (29 U.S.C. 653, 655, 657); Secretary of Labor's Order No. 12-71 (36 FR 8754), 8-76 (41 FR 25059) 9-83 (48 FR 35736) or 1-90 (55 FR 9033), as applicable.

Sections 1910.67 and 1910.68 also issued under 29 CFR part 1911.

4. In § 1910.67, paragraph (c)(2)(v) would be revised to read as follows:

§ 1910.67 Vehicle-mounted elevating and platforms.

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(c) * * *

(2) * * *

(v) A personal fall protection system which complies with subpart I of this part shall be worn and attached to the boom or basket when working from an aerial lift.

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5. In § 1910.68, paragraph (b)(4),(b)(8)(ii) and (b)(12) would be revised to read as follows:

§ 1910.68 Manlifts.

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(b) * * *

(4) References to other codes and subparts. The following codes, and subparts of this part, are applicable to this section. Safety Code for Mechanical Power Transmission Apparatus ANSI B15.1-1953 (R 1958) and subpart O; subpart S; and subpart D.

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(8) * * *

(ii) Construction. The rails shall be standard guardrails with toeboards meeting the provisions in subpart D of this part.

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(12) Emergency exit ladder. A fixed metal ladder accessible from both the "up" and

"down" run of the manlift shall be provided for the entire travel of the manlift. Such escape ladders shall comply with subpart D of this part.

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6. The authority citation for subpart N of part 1910 is proposed to be revised as follows:

Authority: Secs. 4, 6, 8, Occupational Safety and Health Act of 1970 (29 U.S.C. 653, 655, 657); Secretary of Labor's Order No. 12-71 (36 FR 8754), 8-76 (41 FR 25059) 9-83 (48 FR 35736), or 1-90 (55 FR 9033), as applicable.

Sections 1910.179 also issued under 29 CFR part 1911.

7. In § 1910.179, paragraph (c)(2) would be revised to read as follows:

§ 1910.179 Overhead and gantry cranes.

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(c) * * *

(2) Access to crane. Access to the car and/or bridge walkway shall be by a conveniently placed fixed ladder, stairs, or platform requiring no step over any gap exceeding 12 inches (30.5 cm). Fixed ladders shall be in conformance with subpart D of this part.

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8. The authority citation for subpart R of part 1910 is proposed to be revised as follows:

Authority: Secs. 4, 6, 8, Occupational Safety and Health Act of 1970 (29 U.S.C. 653, 655, 657); Secretary of Labor's Order No. 12-71 (36 FR 8754), 8-76 (41 FR 25059) 9-83 (48 FR 35736) or 1-90 (55 FR 9033), as applicable.

Sections 1910.261, 1910.265, and 1910.268 also issued under 29 CFR part 1911.

9. In § 1910.261, paragraphs (a)(3)(ii), (a)(3)(iv), (a)(3)(v) and (a)(3)(vi) would be removed.

10. Paragraphs (b)(3), (c)(3)(i), (c)(15)(ii), (e)(4), (g)(2)(iii), (g)(8), (g)(13)(i), (h)(1), (j)(4)(ii), (j)(4)(iv), (j)(5)(i), (k)(6), (k)(13)(i) and (k)(15) of § 1910.261 would be revised to read as follows:

§ 1910.261 Pulp, paper and paperboard mills.

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(b) * * *

(3) Floors and platforms. Floors, platforms, and work surfaces shall be maintained in accordance with subpart D of this part.

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(c) * * *

(3) * * *

(i) Ladders and gangplanks with railings to boat docks shall comply with subpart D of this part, and shall be securely fastened in place.

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(15) * * *

(ii) Where conveyors cross passageways or roadways, a horizontal platform shall be provided under the conveyor, extended out from the sides of the conveyor a distance equal to one and one-half times the length of the wood handled. The platform shall extend the width of the road plus two feet (.61 m) on each side, and shall be kept free of wood

and rubbish. The edge of the platform shall be provided with toeboards or other protection to prevent wood from falling, in accordance with subpart D of this part.

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(e) * * *

(4) Runway to the jack ladder. The runway from the pond or unloading dock to the table shall be protected with standard handrails and toeboards. Inclined portions shall have cleats or equivalent nonslip surfacing, and shall be in accordance with subpart D of this part. Protective equipment shall be provided for persons working over water.

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(g) * * *

(2) * * *

(iii) The worker shall be provided with eye protection, a supplied air respirator and a personal fall protection system meeting the requirements of subpart I of this part during inspection, repairs or maintenance of acid towers. The line shall be extended to an attendant stationed outside the tower opening.

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(8) Chip and sawdust bins. Steam or compressed-air lances, or other devices, shall be used for breaking down the arches caused by jamming in chip lofts. No workers shall be permitted to enter a bin unless provided with an attached personal fall protection system meeting the requirements of subpart I of this part, and with an attendant stationed at the bin.

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(13)(i) Blow-pit openings preferably shall be on the side of the pit instead of on the top. Openings shall be as small as possible when located on top, and shall be provided with railings, in accordance with subpart D of this part.

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(h) * * *

(1) Bleaching engines. Bleaching engines, except the Bellmer type, shall be completely covered on the top, with the exception of one small opening large enough to allow filling, but too small to admit an employee. Platforms leading from one engine to another shall have standard guardrails in accordance with subpart D of this part.

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(j) * * *

(4) * * *

(ii) Guardrails shall be provided around beaters where tub tops are less than 42 inches (1.06 m) from the floor, in accordance with (b)(3) of this section and subpart D of this part.

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(iv) When beaters are fed from the floor above, the chute opening, if less than 42 inches (1.06 m) from the floor, shall be provided with a guardrail system meeting the requirements of subpart D of this part or other equivalent enclosures. Openings for manual feeding shall be sufficient only for entry of stock, and shall be provided with at least two permanently secured crossrails or other fall protection systems that meet the requirements of subpart D of this part.

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(5) * * *