

**STANDARDS PRESENTATION
TO
CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD**

Attachment No. 1
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PROPOSED STATE STANDARD,
TITLE 8, CHAPTER 4

Amend Section 6755 to read:

§6755. Definitions.

Chain or wire rope access equipment (Jacob's ladder). Specialized equipment approved for use to access constricted locations, and having rigid rungs suspended between two vertical chain or wire rope stringers, instead of the rigid rails used on fixed or portable ladders.

NOTE: Authority cited: Section 142.3, Labor Code. Reference: Section 142.3, Labor Code.

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Add new Section 6799.1 to read:

§6799.1. Use of Chain or Wire Rope Access Equipment.

- (a) Scope and Application. This section establishes requirements for the use of chain or wire rope access equipment as defined in Section 6755. Use of chain or wire rope access equipment shall only be permitted when it is not feasible to use fixed or portable ladders to access constricted locations, such as cyclones inside of pressure vessels, tubes, pipes, shafts, flues, or chimneys.
- (b) Equipment. Equipment and materials used shall be approved pursuant to Section 3206 of the General Industry Safety Orders.
- (c) Inspection. Equipment shall be inspected before each use by a qualified person. If the ladder fails the visual inspection, the ladder shall immediately be taken out of service.
- (d) Equipment Use Plan. Before using chain or wire rope access equipment, the employer shall prepare an equipment use plan. The equipment use plan shall be in writing, shall be available to the Division for inspection and shall have the following components:
1. Description of the specific locations where chain or wire rope access equipment is to be used.
 2. Description of tasks requiring access using chain or wire rope equipment access.
 3. Justification as to why the use of fixed or portable ladders is not feasible for each location identified for equipment use (a single justification may be used for multiple locations that have substantially the same characteristics).
 4. Installation details for each location (a single set of details may be provided for multiple locations that have substantially the same characteristics).
 5. Inspection instructions.
 6. Maintenance instructions.
 7. Maintenance log.
- (e) Use.
1. Employees using chain or wire rope equipment shall wear a safety harness that is attached to a fall protection/rescue retrieval system at all times while on the equipment.
 2. The chain or wire rope equipment shall be secured at the top to an anchorage described in the equipment use plan.
 3. The chain or wire rope equipment shall be secured at the bottom to a substantial anchorage.

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Exception: During installation or retrieval of the chain or wire rope equipment.

4. The user shall not carry tools, equipment or material while climbing on the chain or wire rope equipment.
 5. Three points of contact shall be maintained at all times when on chain or wire rope equipment.
 6. Chain or wire rope equipment shall not be used where the user or equipment may contact energized electrical equipment.
 7. Chain or wire rope equipment shall be kept free of oil, grease, or other slippery materials.
- (f) Training. Employees using chain or wire rope equipment shall be trained in the following:
1. Recognition of, and measures for, addressing the hazards associated with climbing on chain or wire rope equipment. These hazards include, but are not necessarily limited to, fatigue, falling hazards, slipping and tripping hazards, cuts and abrasions, and hazards presented by the specific installation.
 2. Inspection and correct use of the personal fall protection equipment used.
 3. Climbing techniques.

NOTE: Authority cited: Section 142.3, Labor Code. Reference: Section 142.3, Labor Code.