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**IDAPA 17
TITLE 08
CHAPTER 10**

**17.08.10 - IDAHO MINIMUM SAFETY STANDARDS AND PRACTICES FOR LOGGING --
CANOPY AND CANOPY CONSTRUCTION FOR LOGGING EQUIPMENT**

000. LEGAL AUTHORITY.

Pursuant to the provisions of Section 72-508, Idaho Code, the Industrial Commission has the authority to promulgate and adopt reasonable rules for effecting the purposes of the Workers' Compensation Act. (7-1-97)

001. TITLE AND SCOPE.

These rules shall be cited as IDAPA 17.08.10, "Idaho Minimum Safety Standards and Practices for Logging -- Canopy and Canopy Construction for Logging Equipment," and shall be applicable to the logging industry in the state of Idaho. (7-1-97)

002. WRITTEN INTERPRETATIONS.

There are no written statements which pertain to the interpretation of these rules. (7-1-97)

003. ADMINISTRATIVE APPEALS.

There are no provisions for administrative appeal of these rules. The procedure for appeals in safety matters is prescribed by Sections 72-714 and 72-718 through 72-722, Idaho Code. (7-1-97)

004. -- 008. (RESERVED).

009. DEFINITIONS.

For definitions refer to IDAPA 17.08.01, "Idaho Minimum Safety Standards and Practices for Logging -- General Provisions," Section 007. (7-1-97)

010. GENERAL REQUIREMENTS.

01. Driver Protection Guard. (7-1-97)

a. A substantial metal guard for the protection of the driver shall be installed on every piece of equipment, where exposed to overhead hazards. (7-1-97)

b. This guard shall be strongly constructed to afford adequate protection for the driver against overhead hazards. (7-1-97)

c. It shall be of sufficient width and height so that it will not impair the movements of the driver or prevent his immediate escape from the equipment in emergencies. (7-1-97)

d. It shall be of open construction to allow the driver all the visibility possible. (7-1-97)

02. Canopy Framework. (7-1-97)

a. The canopy framework shall consist of at least two (2) arches, either transverse or longitudinal. (7-1-97)

b. If transverse, one (1) arch shall be installed at the rear of the equipment and the other at the center of the equipment. They shall be joined together by three (3) longitudinal braces, one (1) at the top and one (1) at each side of the arches. (7-1-97)

c. There shall be a shear or deflecting guard extending from the leading edge of the forward arch to the front part of the frame of the tractor or similar equipment. (7-1-97)

d. If longitudinal arches are used they shall be extended from the rear of the tractor or equipment to the front frame of the tractor or equipment and each arch shall have an intermediate support located approximately at

the dash so that ingress or egress will not be impeded. (7-1-97)

e. Regardless of the type of construction used, the fabrication and method of connecting to the tractor or equipment shall be of such design as to develop a strength equivalent to that of the upright members. (7-1-97)

03. Canopy Structure. The canopy structural framework shall be fabricated of pipe of the following size, or materials of equivalent strength, depending upon the gross weight of the tractor or similar equipment as equipped. Under twenty-eight thousand (28,000) lbs., two (2) inch double extra strong pipe (XXS); twenty-eight thousand (28,000) to fifty-eight thousand (58,000) lbs., three (3) inch double extra strong pipe (XXS); Over fifty-eight thousand (58,000) lbs., four (4) inch double extra strong pipe (XXS). (7-1-97)

04. Gusset Plates or Braces. Gusset plates or braces shall be installed on the canopy framework so that the framework will withstand a horizontal pressure equal to twenty-five percent (25%) of the gross weight of the tractor or similar equipment, as equipped, when such pressure is applied to any vertical member at a point not more than six (6) inches below the roof of the canopy. (7-1-97)

05. Clearance Above the Deck. The clearance above the deck of the tractor or similar equipment at points of egress shall be not less than fifty-two (52) inches and the clearance above the driver's seat shall be of such height as will allow sufficient clearance above the driver's head. (7-1-97)

06. Overhead Covering. The overhead covering on the canopy structure shall be of not less than three-sixteenth (3/16) inch steel plate except that the forward eighteen (18) inches may be made of one quarter (1/4) inch woven wire having not more than one (1) inch mesh. (7-1-97)

07. Rear Covering. (7-1-97)

a. The opening in the rear of the structure shall be covered with one quarter (1/4) inch woven wire having not less than one and one half (1 1/2) inch or more than two (2) inch wire mesh. This covering shall be affixed to the structural members so that ample clearance will be provided between the screen and the back of the operator. (7-1-97)

b. Structural members shall present smooth, rounded edges and the covering shall be free from projections which would tend to puncture or tear flesh or clothing. (7-1-97)

08. Pin Connections. (7-1-97)

a. Pin connections are recommended for joints in the structural frame and especially at connections to the tractor frame or similar equipment frame. (7-1-97)

b. Gusset plates shall be installed at each place where individual pieces of pipe are joined. (7-1-97)

09. Sideguards. When practical, sideguards shall be installed to protect the operator from hazards. (7-1-97)

011. TRACTORS AND SIMILAR LOGGING EQUIPMENT.

01. Operating Condition. The general operating condition of a tractor or equipment shall be sufficiently good to ensure the safety of the driver and other workmen. (7-1-97)

02. Guards. All guards shall be kept in place and in good repair at all times when the tractor or similar equipment is used. (7-1-97)

03. Repairs or Adjustments. Repairs or adjustments to clutches, frictions, or other parts of equipment which may cause hazardous movement of equipment shall not be done while engines are running. (7-1-97)

04. Blades or Similar Equipment. (7-1-97)

- a.** Blades or similar equipment shall be blocked or otherwise securely supported when making repairs or performing other work around such equipment when they are elevated from the ground. (7-1-97)
 - b.** Equipment under repair or adjustment should be tagged out. (7-1-97)
- 05. Brakes and Steering.** (7-1-97)
 - a.** All equipment shall be equipped with a braking system capable of stopping and holding the maximum load on all grades at all times. (7-1-97)
 - b.** Any defect found in braking system or steering devices of any equipment used in skidding or yarding operations shall not be used until repaired or replaced. (7-1-97)
- 06. Starting of Equipment.** Equipment shall be started (cranked) only by the operator or other experienced persons. (7-1-97)
- 07. Seatbelts.** (7-1-97)
 - a.** Seatbelts shall be installed on all tractors and mobile equipment having roll-over protection or in accordance with a design by a Professional Engineer which offers equivalent employee protection. (7-1-97)
 - b.** Seatbelts shall be used when operating any machine equipped with Roll Over Protection Structure (ROPS), Falling Object Protection Structure (FOPS), or overhead guards. (3-29-10)
- 08. Pin Connections.** (7-1-97)
 - a.** Pin connections are recommended for joints in the structural frame and especially at connections to the tractor frame or similar equipment frame. (7-1-97)
 - b.** Gusset plates shall be installed at each place where individual pieces of pipe are joined. (7-1-97)
- 09. Sideguards.** When practical, sideguards shall be installed to protect the operator from hazards. (7-1-97)
- 012. -- 999. (RESERVED).**

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