PART 11: FALL PROTECTION

Anchors **11.6** (1) In a temporary fall restraint system, an anchor for a ~~vertical lifeline, or for a lanyard used without a lifeline,~~ **personal fall protection system** must have an ultimate load capacity in any direction in which a load may be applied of at least

(a) 3.5 kN (800 lbs), or

(b) four times the weight of the worker to be connected to the system.

(2) Each ~~vertical lifeline used for fall arrest~~ **personal fall protection system that is connected to an anchor** must be secured to an independent point of anchorage.

(3) In a **temporary** fall arrest system ~~or permanent fall restraint system~~, an anchor for a ~~vertical lifeline, or for a lanyard used without a lifeline,~~ **personal fall protection system** must have an ultimate load capacity in any direction required to resist a fall of at least

(a) 22 kN (5 000 lbs), or

(b) two times the maximum arrest force.

(4) A permanent anchor for a personal fall protection system must have an ultimate load capacity in any direction required to resist a fall of at least 22 kN (5 000 lbs).

Explanatory Note

It is proposed that the references to “vertical lifeline, or for a lanyard used without a lifeline” in existing sections 11.6 (1) and (3) be replaced with “personal fall protection system”. “Personal fall protection system” is defined in existing section 11.1:

"*personal fall protection system*" means a worker’s fall restraint system or fall arrest system composed of

(a) a safety belt or full body harness, and
(b) a lanyard, lifeline and any other connecting equipment individual to the worker

that is used to secure the worker to an individual point of anchorage or to a horizontal lifeline system;

The proposed amendment to existing section 11.6 (2) is intended to clarify the existing requirement with respect to the connection between a lifeline and an anchor. The proposed amendment broadens the requirement to apply to a lanyard that is used without a lifeline. Therefore, a lifeline or lanyard must be connected to an independent point of anchorage. Anchors may have one or more locations to which lifelines and/or lanyards may be connected. It is important that only one lifeline or lanyard be connected to each such location (e.g., lug, ring or eye). The intention is to prevent a situation where if one worker falls, the safety of another worker is compromised.

In addition, it is proposed that the application of the requirement should not be limited to personal fall arrest systems, and should be broadened to apply to fall restraint systems. This change would reflect current generally accepted practice in the workplace.

It is not intended that the proposed requirement would apply to a horizontal lifeline because this equipment utilizes different anchor capacities and different safety factors.

The proposed amendment would complement the anchor requirements for personal fall protection systems that are provided in subsections (1) and (3).

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Existing section 11.6 (3) has been split into two sections, 11.6 (3) and 11.6 (4), in order to separate the requirements for a temporary fall arrest system and a permanent anchor.

The proposed addition of section 11.6 (4) results in a minor amendment to section 13.33 (1).

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