

4123:1-17-06

**Safety belts, safety harnesses, lifelines, and lanyards.**

- (A) ~~When required, lifelines~~ Lifelines shall be securely fastened to the structure. Lifelines, safety belts, safety harnesses, and lanyards shall be used only for employee safeguarding and ~~shall be able to~~ sustain a static load of no less than five thousand pounds (two thousand two hundred sixty-eight kilograms). Any lifeline, safety belt, safety harness, or lanyard actually subjected to in-service loading, as distinguished from static load testing, shall be removed from service and ~~shall not be~~ never used again for employee safeguarding.
- (B) Where the lifeline may be subjected to cutting or abrasion, a minimum seven-eighths-~~inch~~ (twenty-two millimeters) wire core manilla rope, or equivalent, shall be provided. For all other lifeline applications, a minimum of three-fourths-~~inch~~ (nineteen millimeters) manilla rope, or equivalent, shall be provided.
- (C) Safety belt lanyards or safety harness lanyards shall be a minimum of one-half-~~inch~~ (thirteen millimeters) nylon, or equivalent, with a maximum length to provide for a fall of no more than six feet (1.8 meters).
- (D) All safety belt, ~~or safety harness,~~ and lanyard hardware shall be cadmium plated and made of either drop forged or pressed steel, cadmium plated. Surfaces shall be smooth and free from sharp edges.
- (E) All safety belt, ~~or safety harness,~~ and lanyard hardware shall be capable of withstanding a tensile loading of four thousand pounds (one thousand eight hundred fifteen kilograms) without cracking, breaking, or becoming permanently deformed.

Effective:

Five Year Review (FYR) Dates: 10/30/2024

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Certification

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Date

Promulgated Under: 119.03  
Statutory Authority: 4121.12, 4121.121, 4121.13, Const. Art. II, Section 35  
Rule Amplifies: 4121.13  
Prior Effective Dates: 04/01/1964, 01/01/1983, 03/15/2010