

California Standards Board Petition

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March 11, 2021

Occupation Safety and Health Standards Board  
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OCCUPATIONAL SAFETY AND HEALTH  
STANDARDS BOARD

**Petition Request:**

Requesting CAC, Title 8, Subchapter 4. Construction Safety Orders, Article 14. Construction Hoists be amended.

**Reason for the Request:**

Article 14. Conforms with ANSI/ASSE A10.4-1973 Personnel Hoists and its last revision appears to be the year 1991. The current approved American National Standard is ANSI/ASSE A10.4-2016 Safety Requirements for Personnel Hoists and Employee Elevators on Construction and Demolition Sites which has many pertinent amendments concerning equipment, responsibilities, and safety.

**Nature of the Situation:**

I was asked to provide an opinion for a Construction Personnel Hoist incident. Right off I noticed the date differential between Article 14. and ANSI A10.4-2016 of **30 Years** and immediately called the San Diego Elevator Unit and received confirmation that there were no further revisions to Article 14. and that it is as represented on their website. I would like to present a few Sections of ANSI A10.4-2016 requiring serious consideration and which are Not Promulgated by existing Article 14.

**5.1.1** Requires fall arrest/protection; **5.5.1.1** Requires specific qualifications for hoist personnel; **5.6.3** Requires overhead protection; **15.2** Requires Counterweighting; **17.1** Requires car enclosure of fire-retardant material; **17.8** Requires car top guard railing; **17.10** Requires car top lighting; **19.5** Allows for ascending car/counterweight protection; **19.10.2** Provides a more restrictive rack-and-pinion safety stopping distance table; **20.9** Requires enclosed governors to oblige a replacement schedule; **21.5** Allows overload detection devices; **22.10** Drive coupling restrictions; **22.11** Chain drives are prohibited; **25.5** Requires installation of suspension-rope equalizers; **26.4** Requirements are stated for periodic inspections and tests of all installations; **26.5** Requires re-inspection scheduling; **26.6** Requires specific manufacturer's device testing; **27.3** Requirements for Replacements of certified devices or components; **30.3** Defines user responsibilities

Section 2.3 Referenced Standards lists numerous valuable support texts which are implicated in their content consensus. The Authors of ANSI A10.4-2016 due make reference to proper care, common sense, and intelligence in the mitigation of incidents and their Standard is absolutely beneficial in defining Negligence being possibly directed at the General Constructor, the Manufacture, and/or the Individuals involved. I did follow the Authors insight and turned down this job and also considered the amount of Standard uncertainty.

Thank you for your consideration,

Sincerely, Ronald High

