

**DEPARTMENT OF INDUSTRIAL RELATIONS  
DIVISION OF OCCUPATIONAL SAFETY AND HEALTH**

455 Golden Gate Avenue, 10th Floor  
San Francisco, CA 94102-3677



ADDRESS REPLY TO:  
P.O. BOX 420603  
San Francisco, CA 94142-0603

August 30, 2002

Mr. Joseph W. Aujay  
Elevator, LLC  
434 North Canal, Unit 13  
South San Francisco, CA. 94080

Re: Suspended Scaffolds

Dear Mr. Aujay:

This letter is in response to your question related to the fall protection regulations for the use of four-line suspended powered scaffolds used in the construction industry. The use of scaffold doglines or trolley lines are permitted for the fall protection of workers using suspended scaffolds supported by four lines (primary hoist lines with the secondary lines passing through over speed brakes). The over speed brakes are designed to retain the platform in the upright position if the primary hoisting line should fail. A registered professional engineer must design the horizontal trolley lines or doglines. The appropriate regulations are found in Title 8, California Code of Regulations Sections 1658(i) and 1670(b)(2) as follows:

1658(i) When suspended scaffolds are supported by a second wire rope, employees shall fasten their lanyards to the work platform trolley line or droplines hanging from secure overhead anchorages between each pair of hangers or falls. One line shall be provided for each employee. It shall be a continuous rope in good condition and free of imperfections, serious wear, or fraying.

1670(b)(2) Horizontal lifelines shall be designed, installed, and used, under the supervision of a qualified person, as part of a complete personal fall arrest system, which maintains a safety factor of at least two.

Please contact me at the letterhead address or at (415) 703-5163 if you have questions.

Sincerely,

A handwritten signature in cursive script that reads "Larry McCune".

Larry McCune, PE  
Principal Safety Engineer  
Research and Standards Development Unit

Cc: Senior Safety Staff

File: 1658