

DEPARTMENT OF INDUSTRIAL RELATIONS

DIVISION OF OCCUPATIONAL SAFETY & HEALTH

455 GOLDEN GATE AVENUE, 10TH FLOOR
SAN FRANCISCO, CA 94102-3677
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ADDRESS REPLY TO:
PO BOX 420603
SAN FRANCISCO 94142-0603

March 29, 2004

Tim O'Brien, President
Safety Pole.
10056 166th West
Lakeville, Minnesota 55044

Re: Safety Pole Fall Arrest System

Dear Mr. O'Brien:

The Division has reviewed engineering reports prepared by Armando A. Berriz, License #C17422, validating the design of the Safety Pole Fall Arrest System used for fall protection during building construction. The system consists of tensioned horizontal lifelines or catenary lines spanning between metal posts that are fastened to the concrete foundation pad and laterally supported by a system of guy cables. The system is designed for use by one to six workers in several configurations, as specified in the manufacturer's User Instruction Manual. The worker is attached to the horizontal catenary line using an approved self-retracting lifeline and full body harness.

Title 8, California Code of Regulations (CCR), section 1670(b)(10)(A) permits the use of horizontal lifelines, when designed, installed, and used as part of a complete personal fall arrest system which maintains a safety factor of at least two; and under the supervision of a qualified person.

Section 1670(l) specifies that: "All personal fall arrest, personal fall restraint and positioning device systems purchased or placed in service after February 1, 1997, shall be labeled as meeting the requirements contained in ANSI A10.14-1991 American National Standard for Construction and Demolition Use, or ANSI Z359.1-1992 American National Standard Safety Requirements for Personal Fall Arrest Systems, Subsystems and Components."

In order to comply with the above-mentioned regulations the Safety Pole Fall Arrest System must be installed and used according to the design, procedures and specifications presented to the Division.

If you have additional questions related to this subject please contact me at 415-703-5163.

Sincerely,

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

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

Cc: Senior Safety Staff

File: 1670 Safety Pole