



Office of the State Fire Marshal

MEMORANDUM

TO: All Licensed Contractors and Licensed Inspectors

FROM: Robert Capuani
Director, Elevator Safety

DATE: January 15, 2009

RE: BOARD DECISION – K-1 KEY

At the January 15, 2009 Board meeting the Board took the position that all key switches within a building must be the same per Code. If an elevator is altered or a new elevator is installed all key switches must be upgraded. Changeouts must be completed in a timely manner not to exceed 120 days. If this deadline cannot be met the Board should be approached with a timeline for changing out the FEO-K1 key switches.

ASME A17.1 – 2007 as adopted by the State of Illinois States:

2.27.8 Switch Keys

Specifically requirement 2.27.8 covers switch keys.

The key switches required by 2.27.2 through 2.27.5 for all elevators in a building shall be operable by the same key. The keys shall be Group 3 Security (see 8.1). There shall be a key for each switch provided. These keys shall be kept on the premises in a location readily accessible to firefighters and emergency personnel, but not where they are available to the public. This key shall be of a tubular, 7 pin, style 137 construction and shall have a biting code of 6143521. The key shall be coded "FEO-K1." The possession of the "FEO-K1" key shall be limited to elevator personnel, emergency personnel, and elevator equipment manufacturers. Where provided, a lock box, including its lock and other components, shall conform to the requirements of UL 1037 (see Part 9).

Specifically note that: "all elevators in a building shall be operable by the same key."

ed