



## South Carolina Building Codes Council

PO Box 11329  
Columbia, SC 29211-1329

### Request for Statewide Code Modification

Jurisdiction or Organization: Schindler Elevator Corporation	
Representative: Lawrence Taylor	Title: Codes and Standards Officer
Address: 2020 Centimeter Circle, Austin, TX 78758	
Phone: 5120521-3050 Cell 512-516-2626	E-mail: Lawrence.Taylor@Schindler.com
Signature: <i>Lawrence Taylor</i>	Date: May 16, 2018

Code: IBC 2015 and SC Building Code	Edition: 2015 and 2018	Section: 1009.4
-------------------------------------	------------------------	-----------------

**Check One:**  Delete and substitute the following  Delete without substitution  Add the following  Modify the following  
Type or print proposed modification. Use additional pages if necessary. Underline New language. ~~Line Through Deleted Language.~~

I would recommend either completely deleting the last sentence in 1009.4 (Modification IBC 2015 05) noted in A below or modifying the last sentence as noted in B below.

A. Strike completely "~~Elevators shall also comply with 3008 Occupant Evacuation Elevators~~".

B. or modify the last sentence to read "Elevators shall also be permitted to comply with 3008 Occupant Evacuation Elevators"

Reason: <input checked="" type="checkbox"/> Unusually Restrictive <input checked="" type="checkbox"/> Impractical <input type="checkbox"/> Threat to Human Injury or Life Safety
--

Type or print the reason for the proposed modification. Use additional pages if necessary.

The current language implies that Occupant Evacuation Elevators (OEE) are required on every elevator on an accessible route regardless of rise. There are no OEE products available for low rise buildings. OEE was not intended for low rise buildings in part due to the significant additional cost for the elevators and associated building systems. OEE was only anticipated to be effective in buildings over 420 ft tall so that the additional exit stairway could be eliminated. If OEE is provided on low rise buildings most, if not all, of the floors will be rendered unavailable for self evacuation during a fire emergency. The R&D necessary to provide OEE for low rise buildings is estimated to double the cost of the elevators and that does not include the significant additional building costs.

The inclusion of OEE in 1009.4 does nothing to improve the safety of the riding public in low rise installations and only serves to significantly increase costs to the owners, which will include taxpayers for State and local government owned buildings. Therefore, I suggest deleting the last sentence in 1009.4 or at a minimum modifying the language to make it clear that OEE is optional, not required. OEE is already allowed in 3008.1 (not required) and in 403.6.2 as a means to eliminate the additional exit stairway in a building taller than 420 foot. If an owner opted to spend the significant additional cost necessary to provide OEE, that is already allowed.