

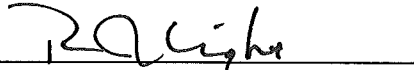
BC BUILDING CODE INTERPRETATION COMMITTEE

A joint committee with members representing
AIBC, APEGBC, BOABC, POABC

File No: 12-0056

INTERPRETATION

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Interpretation Date:	May 19, 2015
Building Code Edition:	BC Building Code 2012
Subject:	Fire Detectors Required by the Elevating Devices Safety Regulation – ASME A17.1/CSA B44-10
Keywords:	Fire Detectors, Fire Alarm System, Elevating Devices
Building Code Reference(s):	3.5.2.1.(1); 3.2.4.1., 3.2.4.11.
Question:	<p>This project is an unsprinklered building that is not required to be equipped with a fire alarm system as described in Article 3.2.4.1.</p> <p>If this project is provided with an elevator, does that trigger a requirement to install a complete fire alarm system throughout the building to accommodate the fire detectors that are required by ASME A17.1/CSA B44-10 (Safety Code for Elevators and Escalators) for elevator recall?</p>
Interpretation:	<p>No</p> <p>Article 3.2.4.1. describes when a building requires a fire alarm system.</p> <p>The requirements of Article 3.2.4.11. for fire detectors do not apply to buildings that do not require a fire alarm system per Article 3.2.4.1.</p> <p>ASME 17.1/CSA B44-10 requires automatic recall of all elevators, regardless of building type. This Standard requires smoke detectors in the following locations:</p> <ol style="list-style-type: none">1. Top of each elevator shaft2. Within each elevator machine room3. At every elevator lobby on each floor level <p>This Standard also states that if a fire detector (smoke or heat) is provided within an elevator pit, when actuated, it must also initiate elevator recall and the elevator car should go to the upper of the 2 recall levels (i.e. furthest away from the elevator pit). The provision of a fire detector in the elevator pit is not mandated by the Standard.</p> <p>The fire detectors required by ASME 17.1/CSA B44-10 do not trigger a requirement for a fire alarm system throughout the building.</p> <p> R. J. Light, Committee Chair</p>
<p>The views expressed are the consensus of the joint committee with members representing AIBC, APEGBC, BOABC, and POABC, which form the BC Building Code Interpretation Committee. The purpose of the committee is to encourage uniform province wide interpretation of the BC Building Code. These views should not be considered as the official interpretation of legislated requirements based on the BC Building Code, as final responsibility for an interpretation rests with the local <i>Authority Having Jurisdiction</i>. The views of the joint committee should not be construed as legal advice.</p>	