Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 03/21/16

To: City of Portland & Portland Fire Department

From: Colby Malcolm, Eastern Fire Services

Re: Holiday Inn by the Bay New Fire Alarm Scope of Work

Date: 2/19/2016

The Holiday Inn by the Bay is an existing high rise hotel equipped with a fully functional supervised automatic fire sprinkler system and antiquated conventional fire alarm system. A new fire alarm and voice evacuation system is to be installed per NFPA 101 (2009 Edition) replacing the existing panel and devices.

In addition to the required initiation by the sprinkler system and one manual pull station at constantly attended location smoke detection is provided in egress pathways and storage areas prone to combustible material. Manual pull stations will also be installed at marked exits. These devices shall be completely wireless and comply with NFPA 72 and UL requirements for supervision and reliability.

A voice evacuation system is required for this occupancy and shall be installed in accordance with 72. Wired speaker/strobes are installed in all occupied areas and are to be programmed accordingly for partial evacuation. In addition to the wired speaker/strobes, 520 Hz low frequency wireless horns will be installed in each guest room. Guest rooms horns will operate only as a general alarm. Rooms are currently equipped with 120 VAC standalone detectors satisfying single station requirements.

Two control panels are required to operate both the wireless equipment and wired voice system. The two systems are to be interconnected so that one master can allow control of the complete fire alarm system (one reset).

Please do not hesitate to contact me with any questions. Thank you

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