

Bow Community Center-Health and Safety Synopsis

November 14, 2017

Source: RPF Associates, Inc. Environmental Health and Safety, Allan D. Mercier 6/26/2009				
	Findings	Requirement/Remedy	Action taken	Status
1	Asbestos containing floor tiles in gym, office, training room, under stage, and hallways.	Mitigate	Replaced	Complete
2	Asbestos containing undercoating on sink basin and door sealants.	Maintain integrity do not disturb	Undisturbed	Complete
3	Asbestos containing transite panels through out (undisturbed)	Maintain integrity do not disturb	Undisturbed	Complete
4	Asbestos containing transite panels in basement, former apparatus bays, and closets that are damaged.	Properly remove or repair. And decontaminate.		Incomplete
5		Develop an asbestos operations and management plan detailing the measures to be used to safely occupy the building until the asbestos containing building material can be safely removed.		Incomplete

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Source: NH Fire Marshals Office, State Electrical Inspector Alfio Torrisi, 5/16/2013				
	Non-Compliance	Requirement/Remedy	Action taken	Status
1	Lacks securing raceways and cables throughout building	Evaluate by an electrical engineer on the entire electrical system.	Engaged the services of Yeaton Associates.	Complete
2	Working space clearance	Clear areas in front of electrical panels 30" by 36"	Cleared these spaces.	Complete
3	Deteriorating insulation	Eventually replace.	Replaced wires/fixtures that have deteriorated to the point of arching, melting, and overheating.	Incomplete
4	Improper labeling of disconnect switches and circuit breakers.	Evaluation of all circuits to properly identify all disconnects and circuit breakers.		Incomplete

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Source: NH Fire Marshals Office, Investigator Bill Clark, 7/24/13

	Non-Compliance	Requirement/Remedy	Action taken	Status
1	Fire Meeting Room: Non-compliant stairs, exposed structural steel, exit remoteness, furnishings, non-compliant interior finish.		Discontinued use of this space. Removed furnishings.	Complete.
2	Basement: Inadequate combustion air, common venting of boiler and water heater, barometric damper, leaking waste line, and disturbed transite ceiling materials.		Fixed combustion air and leaking waste line.	Incomplete.
3	Kitchen: Lack of full coverage of hood suppression system and labeled non-compliant in 2007. Inadequate clearance to combustibles.		Discontinued use of the commercial stoves.	Incomplete.
4	Gym/Assembly: Full fire alarm required for occupant loads greater than 300.		<u>Temporarily</u> reduced occupant loads to 250	Incomplete.
5	Stage Area: Interior furnishings, over stage storage, stage curtains, combustible storage, exit signage, and obstructions.		Stage curtains removed, obstructions removed.	Incomplete.
6	Apparatus Bay#2 Combustible and Flammable storage, structural deficiencies and lack of fire/smoke separation of from gym/assembly space, storage of 20 lb propane cylinders.		Removed propane and flammables storage.	Incomplete.
7	Bed Rooms: Residential use variance for the on duty firefighters expired May 2007.		Vacated this space and moved to Rescue Building.	Complete

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8	Rear Bays: Non-compliant separation from the gym/assembly space. Housekeeping		Improved housekeeping.	Incomplete
9	Throughout: Non-compliant wiring methods.		Labeled breakers, fixed exposed boxes	Incomplete
10		Engage the services of a NH Lic. Fire Protection Engineer by 8/1/2013 to develop a life safety plan of action by 9/15/13.	Engaged the services of Robert Cummings-Fire Protection Engineer	Complete
11		Achieve total compliance with on-site residential occupancy on or before 11/1/13.	Modifications to Rescue Building and relocation of on-site residential use.	Complete
12		Achieve total compliance by 9/15/16.		Incomplete

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Source: Yeaton Associates, Inc. Electrical Assessment 10/7/2013				
	Non-Compliance	Requirement/Remedy	Action taken	Status
1	Lack of egress lighting.	Bring egress and exit lighting up to NFPA 101 Standards		Incomplete
2	No fire alarm system for sleeping quarters.	Install fire alarm system	Removed the sleeping quarters	Complete
3	No service grounding	Provide grounding to metallic water service pipe and booster pump and any other item that may be removed for service. Bond both ends of conduit encasing grounding electrode conductors.		Incomplete
4	Clearance around panels	Remove storage or portable furnishings. Relocate panels or modify building structure where clearances are compromised by building structure.	Removed storage	Incomplete
5	Tandem breaker use.	Add additional breakers or consolidate circuits.		Incomplete

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Source: NH Fire Marshals Office, Investigator Ron Ansty, 11/19/14				
	Non-Compliance	Requirement/Remedy	Actions Taken	Status
1	Lack of 2 hr fire separation from storage and assembly area.		Moved vehicles and flammable liquids out of the storage areas. Continue to reduce storage and other combustible finishes.	Incomplete
2	Generator is 23 inches from combustible siding and unprotected wood.	Remove or install in accordance with NFPA 110.		Incomplete
3	Insufficient combustion air in basement.		Fixed combustion air requirements.	Complete
4	Non-compliant fire separation in basement.	Install 1 hr fire separations.		Incomplete
5	Interior of the community center has untreated wood as the interior finish. Assembly area finish must be class A or B.	Remove non-compliant finish or treat it.		Incomplete
6	Gym Mezzanine: combustible storage and unprotected wood. Stairs do not meet egress requirements.	Provide fire resistant separation. Provide proper egress.	Removed some storage items.	Incomplete
7	Storage room behind stage: Room is not properly separated by fire resistant rated assembly. Floor/ceiling is noticeably bowing under the loading.	Install proper fire resistant separation. Remove storage until the structure can be repaired to support the weight.	Some storage removed.	Incomplete

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8	Occupant load for assembly space is 430 people. Occupancy loads greater than 300 are required to have a fire alarm.	Install voice evacuation fire alarm system.	Temporarily restricted occupancy load to 250	Incomplete
9	Back Bay: The door to the cage prevents second means of egress.	Remove the door.	Door and cage assembly removed.	Complete
10	Back Bay: Interior finish is untreated wood.	Install new or treat the existing interior finish.	Some exposed wood has been removed	Incomplete
11	Exit doors threshold is three inches high. Exit cannot have an elevation change that exceeds one-half an inch.	Repair or replace threshold.		Incomplete
12	Open electrical boxes.	Provide covers.	Provided covers	Complete
13	Kitchen: Commercial kitchen does not meet NFPA 98	Disconnect stoves until hood is compliant.	Stoves disconnected	Complete
14	Rear Bay: Fuel tank for the generator is not protected from vehicular damage.	Install the required protection		Incomplete
15	Rear Bay: Exits for the space are 17 feet apart. This does not meet the remoteness requirement.	Install a remote exit.		Incomplete
16	Fire Meeting Room: Exits are non compliant and one exit leads to a high hazard level and not permitted.	This space shall not be used as occupied space.	Discontinued occupied use of this space.	Complete
17	Fire Dept Restroom: Does not have a mechanical vent.	Install a vent in accordance with IMC		Incomplete
18	Electrical System: Only a few more obvious electrical code violations are noted above. Yeaton Associates report dated 10/7/13 gives a comprehensive	Repair or replace electrical equipment that is addressed in the Yeaton report.	Undetermined	Undetermined

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	evaluation of the facility.			
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