



## Fire Safety Inspection

Bus Garage

Complete

Score	1 / 123 (0.81%)	Flagged items	1	Actions	0
-------	-----------------	---------------	---	---------	---

### Audit Title

Bus Garage

### Client / Site

Downsville Central School District

### Conducted on

30 Aug 2023

### Prepared by

Richard Shaw

### Other Personnel

Ryan Vogler, DOF

### Re-Inspection Required?

No

**Flagged items**

1 flagged

Audit / 12. Building Services and Systems

**12 J-1 Extension cords are properly used and are not a substitute for permanent wiring. - F604**

Non-Compliant

Extension cord being used for coffee pot in Bus Storage bay



Photo 1

## 1. Exit ways (corridors, Stairs)

0 / 5 (0%)

**1 A-2. There are at least two means of egress from each floor and corridor.**

**1 B-1. Corridor pockets and dead end corridors are less than 1.5 times the pocket or corridor width respectively.**

**1 C-1. Glazing areas in and adjacent to doors and within 48 inches of floors are protected by railings, grilles, or safety glazing.**

**1 D-1. Glazed areas in and adjacent to doors and within 18 inches of floors are marked to prevent injury to occupants.**

**1 E-1 Stairways in buildings having wood structural members or roof decks, are enclosed with non-combustible construction and self-closing doors to effectively obstruct the spread of smoke and fumes from floor to floor, or each classroom has a direct access to an exterior exit door.**

## 2. Exits

0 / 7 (0%)

**2 A-2 Exit doors, except those serving one or two classrooms, swing in the direction of exit travel.**

**2 B-1 Exit doors, except those serving one or two classrooms, are equipped with panic hardware.**

**2 C-3 Spaces of pupil occupancy over 500 sq. ft. have two means of egress into separate zones. The primary egress is a door to the corridor and the secondary egress is a door directly to the exterior, a door to a separate smoke zone, an emergency rescue window, which is of a size and design, including hardware, which permits emergency egress (6-sq. ft. minimum clear opening with 24-inch minimum dimension) unless a variance is granted by the Commissioner.**

**2 D-1 All emergency rescue windows are identified by signs as specified on the window and/or on any window shades, blinds,**

curtain or above the window.

---

---

**2 E-2** Emergency rescue windows are free from obstructing bars, screens, grilles or classroom equipment, or if so equipped, windows must be releasable or removable from the inside without the use of a key, tool, or force greater than that needed for normal operation.

---

---

**2 F-3** Enclosed courtyards exceeding 700 sq. ft. in area have at least two remote exits into separate smoke zones.

---

---

**2 G-2** Hardware on doors from courtyards is of a type that will always permit exiting from the space without the use of a key.

---

---

### **3. Boiler/Furnace Rooms**

0 / 2 (0%)

**3 A-3** Gas and oil fuel-burning equipment having over 400,000 BTU per hour capacity are provided with electronic flame safeguard controls that upon flame failure normally respond in 2-4 seconds to cut off fuel supply.

---

---

**3 B-1** Certificates are posted that indicate that each boiler has been inspected in compliance with Section 204 of the Labor Law.

---

---

Last test on Certificate?

---

---

### **4. Storage and Special Rooms**

0 / 3 (0%)

**4 A-2** Two hour rated enclosure with 1 1/2 hour self-closing fire doors are provided for the following spaces:

- 1) Boiler, heater, or furnace rooms, incinerator rooms
- 2) Refrigeration rooms and transformer vaults
- 3) Store rooms for fuel, flammable liquids, and gas powered equipment

---

---

**4 B-2** Required fire doors are maintained in a normally closed position unless held open by approved automatic devices.

---

---

**4 C-1** Unused ducts and shafts are sealed off at each floor

---

---

level with fire resistive materials.

---

## 5. Assembly Use Areas

0 / 3 (0%)

**5 A-3 Exit doors from places of assembly are remote and have panic hardware. (existing push-pull type hardware with no latching hardware is acceptable).**

---

**5 B-2 School buildings with wood structural members or roof decks do not have places of assembly above the first floor, unless approved by the Commissioner.**

---

**5 C-2 Places of assembly are provided with emergency lighting to illuminate exits.**

---

## 6. Housekeeping, General Operation

0 / 8 (0%)

**6 A-1 There are no fixed or portable gates that could create dead-end conditions.**

---

**6 B-1 Wherever available, new and replacement mercury vapor or metal halide lamps are of fail-safe type that will self-extinguish if shielding is broken, cracked or removed.**

---

**6 C-1 Where new or replacement fail-safe lamps are not available, separate ultraviolet radiation-absorbing shielding is provided.**

---

**6 D-2 Space under stairs and landings is not used for storage unless separated by two-hour fire rated construction.**

---

**6 E-3 Attic space in buildings of combustable construction is not used for storage.**

---

**6 F-1 Storage in storerooms and classroom areas is orderly and restricted to items of obvious value and usefulness.**

---

**6 G-1 Wood floors are not finished or treated with oil and**

---

floors so treated were cleaned and refinished.

---

---

6 H-2 Direct-fired fuel burning heating units shall not be used in any space of student occupancy.

---

---

## 7. Fire Alarms

0 / 3 (0%)

7 A-3 School buildings of seven or more classrooms are equipped with a manually operated electric fire alarm system that will continue to sound the alarm until the tripped station has been restored to normal operation or has completed a cycle of not less than 30 seconds. School buildings of one to six classrooms are equipped with either a manual, hand, or electric fire alarm capable of being sounded for such period of time to insure evacuation of the building, or with an electric fire alarm system as described above.

---

---

7 B-2 Fire alarm stations are located on every floor.

---

---

7 C-2 The building has a telephone that can be used in an emergency.

---

---

## 8. Electrically Operated Partitions

0 / 5 (0%)

8 A-2 Partitions are operated by two (2) key operated, tamperproof, constant pressure, switches wired in series, remotely located at opposite ends and opposite sides of and in view of the partition.

---

---

8 B-2 The partiton is capable of being reversed at any point in the extend or stack travel.

---

---

8 C-2 Devices are provided for all partitions that will stop the forward or backward motion of the partition and stop the stacking motion of the partition when a body or object passes between the leading panel of such partition and a wall or other termination point, or when a body or object is in the stacking area of such partition.

---

---

8 D-2 Appropriate and conspicuous notice regarding the safe and proper operation of the electrically operated partition,

---

---

required training, and supervision of students is posted in all partition operator locations.

---

8 E-2 Records of inspection, testing and maintenance of electrically operated partitions are available for review. Records verify that maintenance was performed in accordance with the manufacturer's instructions and recommended service intervals.

---

## 9. General Precautions Against Fire

---

0 / 6 (0%)

9 A-2 Combustible waste and vegetation shall not create a hazard. - F304

---

9 B-2 Open flames are prohibited except supervised science and technology labs. - F308.2

---

9 C-1 Storage in buildings is orderly. - F315

---

9 D-1 Storage ceiling clearance of 24 inches is maintained in non-sprinklered areas of buildings or 18 inches below sprinkler head deflectors in sprinklered areas of the building. - F315

---

9 F-2 Combustibles are not stored in boiler rooms, mechanical rooms, or electrical equipment rooms. - F315

---

9 G-2 Fueled equipment shall not be stored, operated or repaired within the building. - F313

---

## 10. Emergency Planning and Preparedness

---

0 / 4 (0%)

10 A-2 Fire safety and evacuation plans are prepared, maintained and available for review. - F403, F404

---

10 B-2 Safety Data Sheets (SDS) are complete and available on premise. - F407

---

**10 C-1 Hazardous material containers and rooms are properly identified. - F407**

---

**10 D-1 Records of hazardous material inventory statements are provided. - F407**

---

## **11. Fire Service Features**

0 / 5 (0%)

**11 A-2 Fire apparatus access roads are maintained and unobstructed. - F503**  
**NOTE: Gates are permitted**

---

**11 B-1 Flat roofs, less than 30 degrees (6/12 pitch) are free from obstruction. - F316**

---

**11 C-2 Private fire service hydrants, mains, and tanks are properly maintained and tested. - F507**

---

**11 D-2 Fire hydrants are free from obstructions. - F507**

---

**11 E-1 Fire protection equipment and locations are identified and maintained. - F509**

---

## **12. Building Services and Systems**

1 flagged, 0 / 15 (0%)

**12 A-1 Equipment access is maintained. - F603**

---

**12 B-3 Portable unvented heaters are prohibited. - F603**

---

**12 C-2 Above-ground gas meter are protected from damage. - F603**

---

**12 D-2 Records of inspection, testing, and maintenance of emergency and standby power systems are maintained on premises and are available for inspection. - F1203**

---

**12 E-1 No electrical system hazards observed or reported. - F605**

---



---

**12 F-1 Service equipment areas are adequately illuminated. - F604**

---

**12 G-1 Electrical service and branch equipment working space is unobstructed. - F604**

---

**12 H-1 Electrical room doors and all disconnects are identified. - F604**

---

**12 I-1 Unapproved multi-plug adapters are not used. - F604**

---

**12 J-1 Extension cords are properly used and are not a substitute for permanent wiring. - F604**

Non-Compliant

Extension cord being used for coffee pot in Bus Storage bay



Photo 1

---

**12 K-1 Outlets, switch, junction boxes and wire splices are covered. - F604**

---

**12 L-1 Refrigeration systems are accessible, properly labeled and records of periodic testing are available on premises. - F605**

---

**12 M-1 Approved elevator emergency signs are provided. F606**

---

**12 N-1 Emergency elevator keys are properly located in an approved location for immediate use by the fire department. - F606**

---

**12 O-2 Heating equipment, chimneys and vents are maintained and are in proper working order. - F603**

---

## 13. Commercial Kitchen Hoods

0 / 2 (0%)

---

**13 A-2 Kitchen hood is provided and maintained at commercially used equipment capable of producing grease vapors or smoke. - F607**

---

---

**13 B-2 Hood fire extinguishing system, where provided is maintained and serviced in accordance with Section F904 of the 2015 IFC. - F607**

---

## 14. Fire Resistance Rated Construction

0 / 5 (0%)

---

**14 A-2 Fire resistance rating of rated construction is maintained. - F703**

---

---

**14 B-2 Opening protectives are properly maintained and are not blocked or made inoperable. - F704**

---

---

**14 C-2 Doors requiring closers are not rendered inoperable by removal of the closer or the installation of any hold open device. - F705**

---

---

**14 D-1 Records of annual inspections of sliding and rolling fire doors are available. - F705**

---

---

**14 E-1 Swinging fire and smoke doors close and latch automatically from any position. - F705**

---

## 15. Decorative Material and Furnishings

0 / 5 (0%)

---

**15 A-2 Furnishings do not obstruct or obscure exits. - F807**

---

---

**15 B-1 Storage of clothing and personal belongings in corridors and lobbies is compliant. - F807**

---

---

**15 C-2 Artwork and teaching materials are limited to not more than 20% of the corridor wall area. - F807**

---

---

**15 D-2 Curtains, drapes, hangings, and other decorative materials suspended from walls or ceilings shall comply with section 807.4 and shall not exceed 10% of the specific wall or ceiling to which they are attached. - F-807**

---

**15 E-1 Artwork & teaching materials in classrooms limited to not more than 50% of the specific wall area to which they are attached. F807**

---

---

## **16. Fire Protection Systems**

---

0 / 4 (0%)

**16 A-2 Fire detection, alarm and extinguishing systems are operative and inspection, testing and maintenance records are maintained and available for review on premises. - F901**

---

**16 B-2 Portable fire extinguishers are located in a conspicuous location, are readily accessible, are not obstructed or obscured and are maintained in accordance with this section and NFPA. - F906**

---

**16 C-2 Fire pumps are inspected, tested, and maintained in accordance with this section and NFPA 25 and records are available on premises for review. - F913**

---

**16 D-2 Carbon Monoxide detection and alarm systems are operative and maintained in accordance with Code; and records are available for review. - F915**

---

---

## **17. Means of Egress**

---

0 / 12 (0%)

**17 A-3 The required capacity of means of egress is free of obstructions. - F 1031**

---

**17 B-2 Exterior exits are free from obstruction including ice and snow. - F1031**

---

**17 C-2 Curtains, drapes, or decorations shall not be placed to obstruct exits or visibility thereof. - F1031**

---

**17 D-2 Exits signs are provided in rooms or areas which require two or more exits. - F1013**

---

**17 E-1 Exit sign placement shall be such that no point in an exit access is more than 100 ft. from the nearest visible exit sign. - F1013**

---

**17 F-3 Doors shall be readily operable from the egress side without the use of a key or special knowledge or effort. ELECTROMAGNETIC LOCKING DEVICES ARE NOT ALLOWED. - PM702.3**

---

**17 G-1 Occupant load is conspicuously posted in all assembly spaces where occupant load exceeds 49 persons. - F1004**

---

**17 H-2 Means of egress are provided with emergency lighting. - F1104.5**

---

**17 I-2 Tactile signs stating EXIT and complying with ICC/ANSI A117.1 are provided adjacent to each door to an egress stairway. - F1013**

---

**17 J-1 Aisles are provided in all occupied spaces containing seats, tables, furnishings, displays and similar fixtures or equipment and are unobstructed at all times. - F1104.23**

---

**17 K-1 Stairways that travel below the level of exit discharge are clearly defined. - F1104.21**

---

**17 L-1 Required exit signs are provided with emergency illumination. - F1104.3**

---

## **18. Flammable Finishes**

0 / 4 (0%)

**18 A-2 Electrical wiring and equipment in spray areas shall be explosion proof. - F2404**

---

**18 B-2 "No Welding" signs shall be posted in the vicinity of the paint spraying areas and paint storage areas. - F2403**

---

---

**18 C-2 Portable fire extinguishers rated for high hazard shall be provided in paint spraying areas. - F2404**

---

**18 D-2 Spraying areas, exhaust fans blades and exhaust ducts shall be kept free from the accumulation of deposits of combustible residues. - F2403**

---

## **19. Motor Fuel - Dispensing Facilities & Repair Garages**

---

0 / 8 (0%)

**19 A-3 An approved, clearly identified and readily accessible emergency disconnect switch shall be provided for fuel dispensers and distinctly labeled "Emergency Fuel Shutoff". - F2303**

---

**19 B-2 Approved fire extinguishers, with a minimum rating of 2-A; 20-B:C, shall be located within 75 ft. of pumps, dispensers and storage tanks. - F2305**

---

**19 C-1 Approved warning signs shall be posted in the fuel dispensing area. - F2305**

---

**19 D-1 Daily inventory records are maintained for underground fuel storage tanks. - F2306**

---

**19 E-1 Above ground tanks are protected from impact by motor vehicles. - F2306**

---

**19 F-1 Sources of ignition shall not be located within 18 inches of the floor in a repair garages. - F2311**

---

**19 G-1 Appropriately rated fire extinguishers are provided in repair garages. - F2311**

---

**19 H-2 A non-coin operated telephone or other means to notify the fire department is provided on-site. - F2304**

---

## 20. Welding and Other Hot Work

0 / 3 (0%)

---

**20 A-1 Hot work is conducted in areas designed or authorized for that work. - F3501**

---

---

**20 B-1 Combustible materials are protected to prevent ignition. - F3504**

---

---

**20 C-1 Fire extinguishers with a minimum 2-A;20-B:C ratings are located within 30 ft. of hot work areas. - F3504**

---

## 21. Hazardous Materials

0 / 1 (0%)

---

**21 A-3 The storage, use and handling of all hazardous materials are in accordance with Fire Code section 5003. - F5003**

---

## 22. Compressed Gasses

0 / 3 (0%)

---

**22 A-3 Compressed gas containers are marked in accordance with CGA C-7. - F5303**

---

---

**22 B-3 Compressed gas containers are secured and protected. - F5303**

---

---

**22 C-3 Protective caps, plugs or devices are in place. - F5303**

---

## 23. International Property Maintenance Code

0 / 4 (0%)

---

**23 A-1 Required equipment, systems, devices, and safeguards are maintained in good working order. - PM106**

---

---

**23 B-1 Non-required equipment, devices, and systems are maintained in good working order or removed. - PM106**

---

**23 C-1 All exterior property and premises shall be maintained in a clean, safe and sanitary condition. - PM302**

---

**23 D-2 Certificates of elevator inspection is available for review. - PM606**

---

**Date of last inspection?**

---

## **24. Unsafe Structures and Equipment**

0 / 1 (0%)

**24 A-3 If, in the opinion of the inspector, the building or equipment is deemed unsafe as described above, or unfit, unlawful or dangerous for occupancy per the conditions described in 2015 IPMC Section 108 and the NYS Supplement; such structure shall be condemned, and the inspector shall check this item on the nonconformance sheet, provide a written explanation of the hazard, and IMMEDIATELY contact the NYS Education Dept. Office of Facilities Planning at 518-474-3906. PM107**

---

**An Unsafe structure is one that is found to be dangerous to life, health, property, or safety of the public or the occupants of the structure by not providing minimum safeguards to protect or warn occupants in the event of fire, or because such structure contains unsafe equipment or is so damaged, decayed, dilapidated, structurally unsafe, or of such faulty construction or unstable foundation, that partial or complete collapse is possible.**

**Unsafe equipment includes any boiler, heating equipment, elevator, moving stairway, electrical wiring or device, flammable liquid containers or other equipment on the premises or within the structure which is in such disrepair or condition that such equipment is a hazard to life, health, property, or safety of the public or occupants of the premises or structure.**

---

## **25. Vacant Premises**

0 / 4 (0%)

**25 A-1 Temporarily unoccupied buildings, structures, premises or portions thereof, including tenant spaces, shall be safeguarded and maintained. F311.1.1 through 311.6**

---

**25 B-1 Vacant structures and premises thereof or vacant land shall be maintained in a clean, safe, secure and sanitary condition. PM301.3**

---

**25 C-1 Exterior Property areas and premises shall be maintained in a clean, safe, secure and sanitary condition.  
PM302**

---

**26. Other Requirements**

0 / 1 (0%)

**26 A-3 Document violations of any provisions of the 2015 IFC not specifically addressed elsewhere in this form. List the section number of each code requirement detailing the specifics of the violation.**

---

---



## Media summary



Photo 1