



2017 ONPHA Conference and Trade Show

Shaping
OUR
Future

Session 106

Fire Life Safety through
a preventative lens

PRESENTED BY:

Robert Clark

Ottawa Community Housing Corporation (OCHC)

Learning goals

1. Fire Safety Plan overview
2. Compliant record retention
3. Fire door conditions and operations
4. Fire barrier integrity
5. Compliant means of egress
6. Combustible material storage



Fire Safety Plan

SECTION 2.8 EMERGENCY PLANNING

Subsection 2.8.2 Fire Safety Plans

Measures in a fire safety plan

2.8.2.1. (1) A fire safety plan shall:

- Include the emergency procedures to be used in case of fire
- Be approved and implemented in an approved location in the building
- Be reviewed regularly – intervals no greater than 12 months



Record Retention

SECTION 1.1 GENERAL

Subsection 1.1.2. Records of Tests and Inspections

Records

1.1.2.1. (1) If this Code requires **tests** and corrective measures or operational procedures to be carried out, records shall be made and the original or a copy shall be retained at the **building** premises for examination by the **Chief Fire Official**.



Fire Logbooks

- Keep a logbook stored at each building, where FLS equipment exists
- Ensure accurate information is captured in the logbook by building staff and vendors
- Confirm that deficiencies are repaired and signed off



Fire Safety Maintenance Frequency

	Daily	Weekly	Monthly	Quarterly	Semi-Annually	Annually
Emergency Generator		✓	✓		✓	✓
Fire Alarm System	✓		✓			✓
Sprinkler System			✓	✓	✓	✓
Fire Extinguisher			✓			✓
Emergency Lighting			✓			✓
Kitchen Systems					✓	✓
Fire Doors			✓			✓
Fire Safety Plans						✓
Smoke Alarms						✓
Interconnected Smoke Alarm Systems		✓	✓			✓
Carbon Monoxide Detectors						✓



Fire Doors

Fire Doors

- ALL doors MUST close and latch as designed
 - Public, storage, mechanical, garbage, and garbage chute doors
- NO mechanical hold open devices are permitted
 - Door canes, door stops, etc.



Fire Door Inspections

- Latching hardware operates and secures the door closed
- No major open holes or breaks exist in surface of the door or frame
- Door, frame, hinges, hardware, and no combustible threshold are secure
- Door clearances at the door edge to the frame on the pull side of the door do not exceed 1/8" or 2/4" intercut



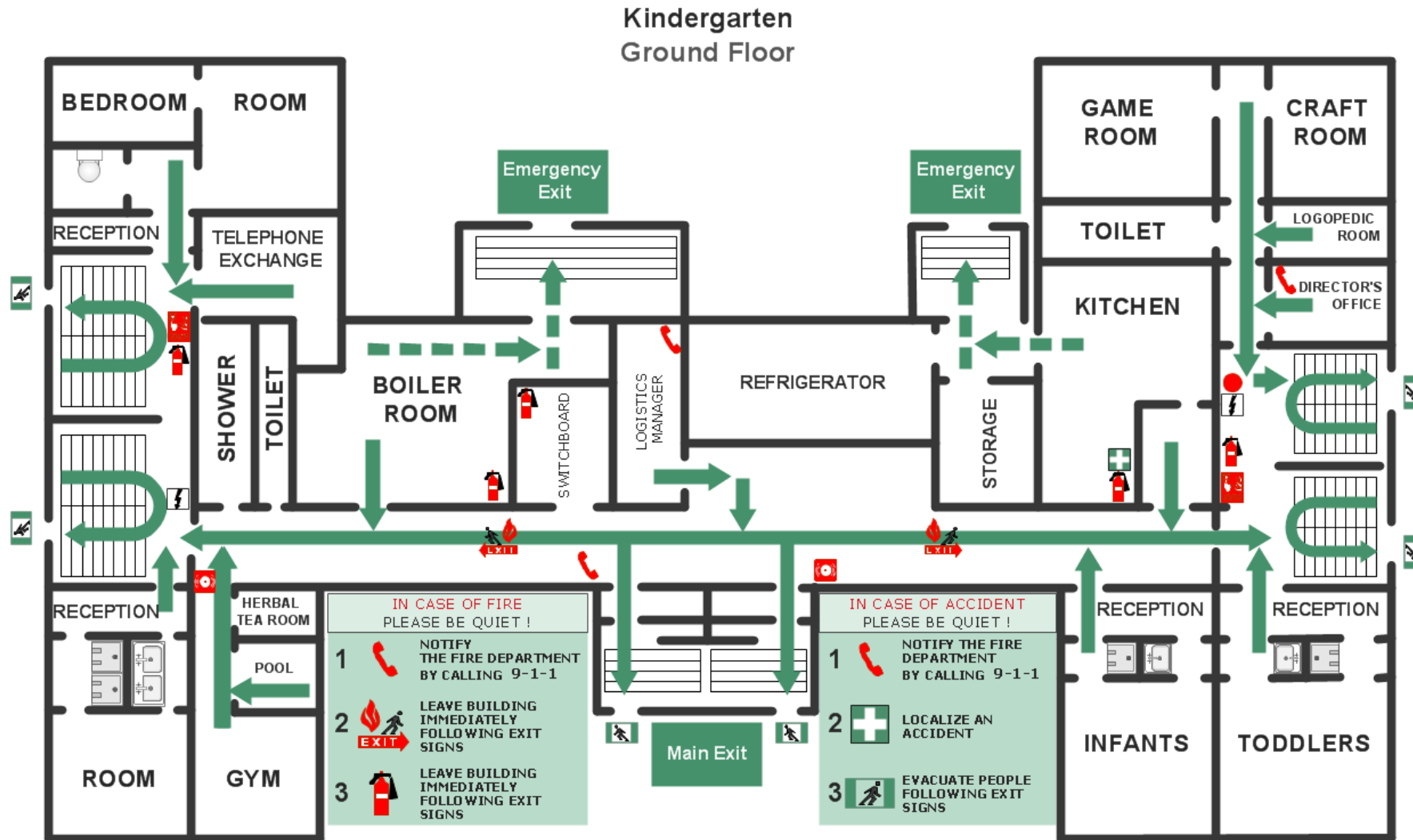
Fire Door Inspection (cont'd)

- Door or frame has no auxiliary hardware items that could interfere or prohibit proper door operation
- No aftermarket manual door hold open devices (i.e. door stops)
- No parts are missing or broken





Fire Barriers



Means of Egress

Means of Egress Checklist

- No combustible items on unit doors
- All building lobbies must be free of combustibles
- All building corridors must be free of combustibles





Shaping our Future • 2017 ONPHA Conference and Trade Show

Combustible Material Storage

SECTION 2.4 FIRE HAZARDS

Subsection 2.4.1 Combustible Materials

Accumulation of Combustible Materials

2.4.1.1(2) Combustible materials shall not be accumulated in any part of an elevator shaft, ventilation shaft, means of egress, service room, or services space, unless the location, room or space is designed for those materials.



Combustible Materials Storage

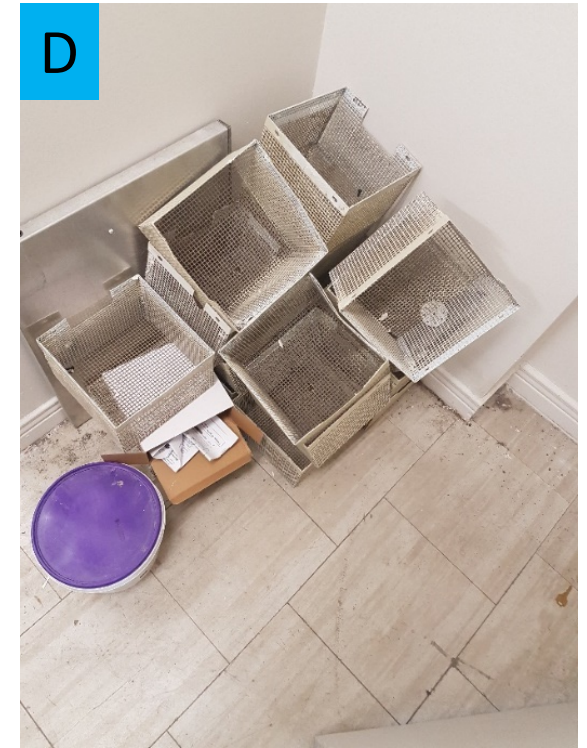
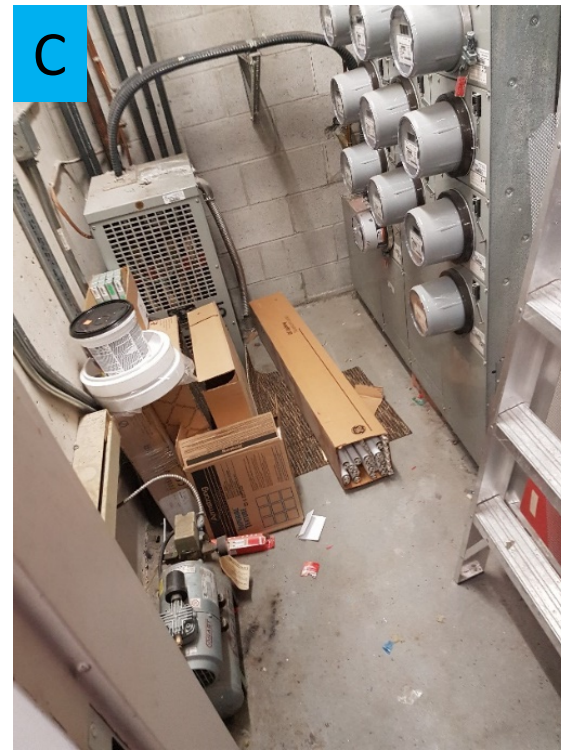
Service Room: A room with HVAC, electricity, plumbing, or mechanical.

Best practice: In ANY service room or parking garage, there are to be **NO** other items stored (combustible or not).

Storage Room: A room equipped with a sprinkler system, a fire alarm device, and/or a closer.

Best practice: If the fire door reads: Storage Room, chances are it's OK for storage – ask to confirm if you are uncertain.





Thank you!



• Questions? Email Robert.Clark@och.ca or call 613-731-1182, ext. 2522