

City of Fort Saskatchewan
FIRE DEPARTMENT



Alberta
FIRE CODE
Inspection Checklist



▲ Code References

ALL ALBERTA FIRE CODE 2019 (AFC) REFERENCES ARE FROM DIVISION B UNLESS STATED OTHERWISE.

ALL ALBERTA BUILDING CODE 2019 (ABC) REFERENCES ARE FROM DIVISION B UNLESS NOTED OTHERWISE.

ALL NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) CODES ARE REFERENCED IN THE ALBERTA FIRE CODE.

MAINTENANCE RECORDS FOR ALL TESTS REQUIRED UNDER THE AFC SHALL BE KEPT ON THE PREMISE FOR A MINIMUM OF TWO YEARS FOR EXAMINATION BY THE AUTHORITY HAVING JURISDICTION (AHJ). (AFC DIVISION C 2.2.1.2)

EXIT LIGHTS

- All exit lights and exit signs shall be illuminated when the building is occupied. (AFC 2.7.3.1)

FIRE EXTINGUISHERS

- For low-hazard areas (office and retail spaces), at least one 2A:1 OBC or larger fire extinguisher shall be available and to which there is a maximum travel distance of 25m.
- High-hazard areas (repair garages, parking garages) shall have fire extinguishers with minimum ratings and travel distances as per NFPA 10.
- Fire extinguishers shall be serviced and tagged annually by a certified fire extinguisher company. (AFC 6.2.1.1)
- Fire extinguishers shall be located near or in access to exits. They shall be mounted on a wall with the handle height between 900-1500mm (3-5 feet). (NFPA 10)

EMERGENCY LIGHTS

- Emergency lights, where required by the Alberta Building Code, shall be maintained in operable condition and tested annually by a certified company. (AFC 2.7.3.1)

FIRE SEPARATIONS AND SMOKE CONTROL

- Any hole or damage to fire rated construction (fire separations - i.e.: furnace rooms, electrical rooms) shall be repaired as to maintain the integrity of the fire separation.
- Mechanical penetrations through fire separations shall be caulked with ULC approved fire-stopping. (AFC 2.2.1.2)
- Fire doors forming part of a fire separation, when damaged, shall be repaired or replaced as to maintain the integrity of the fire separation.
- Any replacement doors shall meet or exceed the minimum rating of the fire separation. (AFC 2.2.2.1)
- Fire doors must remain closed at all times and self closing devices maintained to enable the door to latch properly. (AFC 2.2.2.4)

SPECIAL FIRE SUPPRESSION SYSTEMS

- Special Fire Suppression Systems, i.e.:fixed kitchen suppression systems, CO2 systems, FM-200 systems, shall be tested, inspected, and maintained by a certified company in conformance with its applicable standard. (AFC 6.6.1.1)



ELECTRICAL

- All electrical wiring shall be installed and maintained as to not constitute an undue fire hazard. (AFC 2.4.7 .1) This includes, but is not limited to; the use of extension cords for permanent fixtures and junction boxes to have cover plates installed.
- A one metre clearance to combustible materials from electrical panels shall be maintained. (AFC 2.4.1.1)
- Electrical rooms shall not be used for storage.

HOUSEKEEPING & STORAGE

- Rooms containing any building services, i.e.: furnace, mechanical and electrical rooms, shall not be used for storage (AFC 2.4.1.1). Refer to "Sprinkler Systems" for storage clearances.
- Combustible storage shall not accumulate in exit stairwells, in a means of egress or in front of exits (2.4.1.1).

EXITS

- Every exit door must open in the direction of travel, swing on a vertical axis and open easily. (ABC 3.4.6.12)
- Exit doors must be clearly visible at all times and free of storage accumulation.
- The exterior of all exit doors shall also be free of storage and accumulation of snow in the winter months.
- All locking, latching or other fastening devices on exit doors must permit the door to be readily opened from the inside requiring no keys, special devices or specialized knowledge of the door opening mechanism. (ABC 3.4.6.16)



COMMERCIAL COOKING SYSTEMS

- Any kitchen activities producing grease-laden vapors shall have an exhaust and fire protection system installed (ABC 3.3.1.2). All exhaust systems for commercial cooking equipment must be inspected by a heating, ventilation and air conditioning (HVAC) inspector or a building inspector.
- Commercial cooking exhaust systems must be cleaned semi-annually by a certified company. (NFPA 96)
- Filters on commercial cooking exhaust systems must be installed in the vertical position and cleaned at regular intervals (weekly). (AFC 2.6.1. 9)
- A class "K" fire extinguisher shall be mounted in all kitchens, in addition to fixed kitchen fire suppression system, and be inspected annually by a certified company.



NOTE:

THE ABOVE REQUIREMENTS ARE GENERAL ALBERTA FIRE CODE REQUIREMENTS. DEPENDING ON YOUR TYPE OF BUSINESS AND OCCUPANCY CLASSIFICATION, FURTHER REQUIREMENTS MAY APPLY AT THE TIME OF YOUR FIRE INSPECTION.



ADDRESS

- Building and tenant addresses should be displayed at a location clearly visible from the roadway. Community Standards Bylaw No. C1-21 Section 2

FIRE DEPARTMENT ACCESS

- Fire department access to buildings and laneways must be maintained for Fire Department vehicles at all times. (AFC 2.5.1.5)

FIRE DEPARTMENT BUILDING ACCESS

- Buildings with fixed fire protection systems (Fire Alarm System, Sprinkler systems) and Elevator controls must provide a Fire Department Key Box with labeled access keys to these systems. A Knox Box can be ordered at www.knoxbox.com. The department will provide ordering details upon request.
- Once this box is installed, contact the Fire Station (780.998.4858) to coordinate locking these keys inside the key-box. (AFC 2.5.1.3)

PRIVATE FIRE HYDRANTS

- Private fire hydrants must be inspected, tested and maintained annually.
- A two metre clearance must be maintained around the front side of all hydrants and one metre clearance on the rear of the hydrant.
- Snow and ice in the winter months shall also be removed at regular intervals. (AFC 6.4.1.1)

FIRE DEPARTMENT CONNECTION

- Fire Department connections for sprinkler and standpipe systems shall be kept free of obstructions; this includes: storage of combustible materials and parking of vehicles. (AFC 2.5.1.4)

FIRE ALARM SYSTEM

- Fire alarm systems must be maintained in an operable condition at all times. (AFC 6.3.11)
- Maintenance personnel or managers should conduct a visual inspection of the fire alarm panel daily. (AFC 6.3.1.2)
- Fire alarm systems shall be maintained, inspected and tested annually by a qualified & certified fire alarm company. (AFC 6.3.1.2) CAN ULC-5536
- If the fire alarm system is independent (internal with no monitoring service), permanent signage shall be posted above all manual fire alarm pull stations with directions to phone 9-1-1 in case of emergency. (AFC 2.8.2.7)
- If the fire alarm system is monitored by a certified monitoring company (required if the building has a sprinkler system); the monitoring company's certificate shall be posted within one metre of the fire alarm panel. (NFPA 72)

SPRINKLER SYSTEMS

- Sprinkler and standpipe systems shall be maintained in operable conditions at all times.
- Doors to rooms containing sprinkler control valves shall include signage indicating "Sprinkler Control Room".
- All valves and components for fire sprinkler systems shall be maintained free of obstructions. (AFC 6.4.1.1)
- Storage shall not interfere with fire sprinkler head discharge; a 450mm (18inch) clearance is required from fire sprinkler head deflectors to top of storage arrangements. (NFPA 13)

THE FOLLOWING IS A STANDARD GUIDE FOR BUILDING OWNERS, MANAGERS, AND MAINTENANCE PERSONNEL TO PROVIDE INFORMATION REGARDING THEIR RESPONSIBILITIES RELATED TO FIRE AND LIFE SAFETY OF OCCUPANTS THAT IS REQUIRED UNDER THE ALBERTA FIRE CODE.

PLEASE FOLLOW THIS GUIDE CAREFULLY AS THESE ITEMS WILL BE REVIEWED FOR COMPLIANCE WHEN A FIRE INSPECTION IS CONDUCTED BY A FORT SASKATCHEWAN FIRE DEPARTMENT SAFETY CODES OFFICER.

SHOULD YOU HAVE ANY QUESTIONS OR CONCERNS REGARDING THESE ITEMS PLEASE CONTACT THE FSD AT 780-998-4858 OR AT FSD@FORTSASK.CA.

Contact

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