

Brandon Fire and Emergency Services



Tire Storage Regulation – Schedule “P23”

The following Regulation is in accordance with the City of Brandon’s Fire Prevention By-Law #7200

Indoor Tire Storage

Tire Pile Dimension

- ❑ The aggregate storage area of tires in a building shall not be greater than 100 m² (120 yds²).
- ❑ The height of a single pile shall not exceed 3 m (10 ft.).

Fire Access Aisles

Adequate access for fire fighting purposes shall be provided and maintained to all portions of the premises.

- ❑ At least one main aisle shall extend the length of the building with a minimum width of 2.4 m (8 ft).
- ❑ Aisles separating single piles of tires shall be at least 2.4 m wide (8 ft).
- ❑ Access aisles not less than 1 m (3 ft) wide shall be provided to exits, fire protection equipment.

Sprinkler Protection

Buildings shall be sprinklered in conformance with NFPA 13 “Installation of Sprinkler Systems” whenever:

- ❑ The aggregate area of single storage piles of tires in the building exceeds 500 m² (597 yd²)

Portable Fire Extinguishers

Portable extinguishers shall be provided in tire storage locations so that there is:

- ❑ One extinguisher with a 2A10BC or higher rating for every 250 m² (298 yd²) of floor area.
- ❑ Fire extinguisher mounted in floor area shall have visual indicators mounted to indicate their locations.

Outdoor Tire Storage

Vendor Sites (ie. repair garages, etc.)

- ❑ There shall be a minimum of 3.65m (12 ft) clearance to buildings or stored products.
- ❑ Vendor sites may store tires in a pile with a base area not exceeding 5m² (54 ft²) and a height of not more than 2 m (6.5 ft).
- ❑ There are no other requirements for piles limited to this size.

- If a vendor site exceeds this storage amount, the requirements as outlined for piles up to 300 m³ shall apply.

Single storage pile up to and not exceeding 300 m³

- Pile base shall not exceed 100 m² (120 yd²)
- Pile height shall not exceed 3 m (10 ft)
- There shall be a minimum of 3.65m (12 ft) clearance to property lines.
- There shall be a minimum of 3.65m (12 ft) clearance to buildings or stored products.
- There shall be a minimum of 7.62 m (25 ft) clearance to forested or bush areas.
- There shall be a minimum of 6 m (20 ft) clearance to uncontrolled grass or weeds.
- There shall be no storage in a 10 m (33 ft) buffer area immediately beneath power lines. This can be established by centering the buffer on the power line and taking 5 m (16 ft) left or right of the line.
- There shall be no ignition sources (ie. torches or welding) within 15 m (50 ft) of the pile.
- There shall be no smoking within 6 m (20 ft) of the pile.
- Other storage exceeding the quantity addressed herein shall comply with the Provincial requirements for such.

Storage where bulk volume exceeds 300m³ = Storage Yards

- Refer to Fire Protection Regulation: “Outdoor Tire Storage Yards”

Scrap Tire Storage

- There shall be a maximum of 50 scrap tires on the property.
- There shall be a minimum of 3.65m (12 ft) clearance to property lines.
- There shall be a minimum of 3.65m (12 ft) clearance to buildings or stored products.
- There shall be a minimum of 7.62 m (25 ft) clearance to forested or bush areas.
- There shall be a minimum of 6 m (20 ft) clearance to uncontrolled grass or weeds.