

On site safety measures – Taken from the National Building Code

8.1.1.3. Demolition Procedures

Measures shall be taken during demolition to protect the public in conformance with CSA S350-M, "Code of Practice for Safety in Demolition of Structures" and Subsection 8.2.2.

8.2.1. Fencing and Barricades

8.2.1.1. Covered Way Exceptions

1) Where the construction may constitute a hazard to the public, work shall not commence on the construction, alteration or repair of a building until a covered way has been provided as described in Article 8.2.1.2. to protect the public, except where

- a) the work is done within a solid enclosure,
- b) the building is at a distance of 2 m or more from a public way used by pedestrians, or
- c) site conditions warrant a distance greater than provided

8.2.1.5. Work Shutdown

1) When work on a construction site is suspended or ceases so that it will not be occupied during normal working hours, the hazardous part of the construction site shall be protected by;

- a) covering all windows, doors and other openings located within 3 m of the ground which may give access to the building with a securely fastened barricade, or
- b) a fence or barricade constructed according to the requirements of Article 8.2.1.3.

Portable fire extinguishers shall be provided:

- a) adjacent to cutting or welding operations,
- b) in areas where combustibles are stored,
- c) near or on any internal-combustion engines,
- d) adjacent to areas where flammable liquids or gases are stored or handled, and
- e) adjacent to temporary oil-fired or gas-fired equipment.

8.2.2.9. Building Service Shut-Off

1) Except as required by Sentence (2), and except for water supplies for fire fighting, building services shall be shut off and gas and fuel lines shall be capped in a building being demolished.

8.2.4.4. Protection of Adjoining Property

- 1) If the stability of adjoining structures, walks, walls or services may be endangered by the work of excavating, adequate underpinning, shoring and bracing shall be provided to prevent
 - a) damage to, or movement of, any part of the adjoining property, or
 - b) the creation of a hazard to the public.

8.2.5. Use of Streets or Public Property

8.2.5.1. Safe Passage Past Site

- 1) Except as provided in Article 8.2.5.2., provisions shall be made at all times for the safe passage of pedestrian and vehicular traffic past the site.
- 2) Material or equipment shall not be placed on any street or other public property except as authorized.
- 3) Except as provided in Sentence (4), where a sidewalk exists adjacent to the site it shall be kept clear of obstructions at all times.
- 4) Where construction operations necessitate the obstruction of a sidewalk, a temporary sidewalk shall be provided and it shall be kept clear of obstruction at all times.

8.2.5.2. Overhead Activities

- 1) Operations such as the hoisting of major components onto a tall building or other overhead activities that constitute a hazard to pedestrians below from which the public cannot be protected by barricades, covered ways or similar means shall not be carried out until the street or other public way is closed.

8.2.5.3. Barricades

- 1) Excavations in streets or public property shall
 - a) be adequately barricaded, and
 - b) have warning signs or lights installed on each section of the barricades referred to in Clause (a)

8.2.6.1. Hazards to Vehicular Traffic

- 1) Where a hazard to vehicular traffic on a public way is created by work on a construction site, the following shall be provided to direct the traffic:
 - a) one or more workers,
 - b) warning signs,
 - c) barriers,
 - d) lane control devices, or
 - e) flashing lights or flares located at a suitable distance from the hazard.

8.2.7.2. Removal of Waste Material

- 1) Waste material shall be removed as quickly as possible by means of
 - a) appropriate containers,
 - b) an enclosed shaft or chute conforming to Sentence 8.2.7.4.(1), or
 - c) a hoisting apparatus if large pieces or objects are involved.

8.2.7.3. Enclosures for Waste Material

- 1) Waste material cleared as provided in Sentence 8.2.7.2.(1) shall be deposited in an enclosure
 - a) so arranged as to prevent waste material from being projected beyond the confines of the enclosure, and
 - b) not accessible to the public.

8.2.7.4. Chutes for Waste Material

- 1) The chute described in Clause 8.2.7.2.(1)(b) shall
 - a) be closed if it is inclined more than 45° with the horizontal,
 - b) be kept closed or covered at its entrance when not in use, and
 - c) have a device to prevent wheelbarrows from entering the top of the chute