

EXCERPT FROM ONTARIO FIRE CODE (NOV 2007)

3.4.2.1. (1) Fuel-fired industrial trucks shall be stored in

- (a) detached **buildings**,
- (b) areas separated from the remainder of the storage area by a **fire separation** having a **fire-resistance rating** of not less than 1 h, or
- (c) areas where the vehicles do not create a fire hazard to the storage area.

(2) Except as provided in Sentence (3), industrial trucks shall be refuelled only at designated locations outside **buildings**.

(3) Industrial trucks that are fuelled by replaceable propane cylinders are permitted to have their cylinders replaced indoors provided

- (a) cylinder replacement is done at a safe location that is at least 7.5 m from ignition sources, open pits and underground entrances,
- (b) the cylinder valves are closed, and
- (c) when an automatic quick-closing coupling that closes in both directions when uncoupled and **listed** to ANSI/UL 558, "Industrial Trucks, Internal Combustion Engine-Powered", is not provided, the engine is operated until the fuel in the system is consumed.

(4) Each fuel-fired industrial truck shall be equipped with at least one portable extinguisher having a minimum rating of 2A:30B:C.

(5) Propane cylinders shall be stored in conformance with Section 5.6.

Battery-powered industrial trucks

3.4.2.2. (1) Battery charging installations for battery-powered industrial trucks shall be located

- (a) at least 1.5 m from combustible materials,
- (b) when serving more than two trucks, in well ventilated areas,
- (c) in areas where flammable gases or vapours, **combustible dusts** or **combustible fibres** are not present in hazardous quantities, and
- (d) in areas where precautions are taken to prevent ignition sources, such as open flames, sparks or electric arcs.

(2) Battery charging installations for battery-powered industrial trucks shall be equipped with at least one portable extinguisher having a minimum rating of 2A:30B:C.

(3) Facilities shall be provided at battery charging installations for flushing and neutralizing spilled electrolyte and for protecting charging apparatus from mechanical damage.