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## Occupational Health and Safety Act

### R.R.O. 1990, REGULATION 856

#### ROLL-OVER PROTECTIVE STRUCTURES

**Consolidation Period:** From June 28, 1991 to the [e-Laws currency date](#).

Last amendment: O.Reg. 357/91.

*This is the English version of a bilingual regulation.*

**1.** In this Regulation,

“machine” means a self-propelled vehicle, operated by one or more persons who ride on or in it, that is a tractor, bulldozer, scraper, front-end loader, skidder, dumper, grader or compactor other than an asphalt compactor; (“engin”)

“restraining device” means a seat belt with or without an over-the-shoulder strap; (“dispositif de retenue”)

“roll-over protective structure”, in relation to a machine, means a structure that protects every operator of the machine who is wearing a restraining device from being crushed if the machine rolls over. (“structure de protection contre le capotage”) R.R.O. 1990, Reg.856, s. 1.

**2.** This Regulation does not apply in respect of a machine,

- (a) that is rated by its manufacturer at fifteen kilowatts or less and has a tare mass of 700 kilograms or less;
- (b) that was manufactured before 1980 and is not factory-equipped with adaptors to accept a roll-over protective structure; or
- (c) that is used primarily underground in a mine. R.R.O. 1990, Reg. 856, s. 2.

**3. (1)** No person shall use or operate a machine unless it is equipped with a roll-over protective structure that meets the requirements of subsection 5 (1) and a restraining device that meets the requirements of section 6 for every operator of the machine. R.R.O. 1990, Reg. 856, s. 3 (1).

**(2)** No person shall use or operate a machine that is equipped with a restraining device unless the person is wearing the restraining device. R.R.O. 1990, Reg. 856, s. 3 (2).

**4.** Despite subsection 3 (1), a restraining device is not required on a skidder that is used in logging. R.R.O. 1990, Reg. 856, s. 4.

**5. (1)** Every roll-over protective structure,

- (a) shall be designed, constructed and maintained so that, when the machine to which it is fastened is travelling at a forward speed of 16 kilometres per hour, engages a thirty degree slope and rolls 360 degrees about its longitudinal axis on a hard clay surface,
  - (i) the roll-over protective structure will withstand the impact forces,
  - (ii) upon impact, no part of the roll-over protective structure will enter the space of the machine that is normally occupied by its operator, and
  - (iii) the roll-over protective structure will support the machine in an upside-down attitude without any part of the roll-over protective structure entering the space of the machine that is normally occupied by its operator;
- (b) shall bear a legible label indicating,
  - (i) the name and address of the manufacturer of the roll-over protective structure or, if it is custom built, the name and address of the professional engineer referred to in subsection (2), and
  - (ii) the make, model and maximum mass of the machine that the roll-over protective structure is designed to fit;
- (c) shall be securely fastened to the frame of the machine; and
- (d) shall be capable of withstanding all forces to which it is likely to be subjected. R.R.O. 1990, Reg. 856, s.5 (1).

**(2)** Every custom built roll-over protective structure, every repair to such a structure and every custom built modification to a roll-over protective structure shall be certified as meeting the requirements of clause (1) (a) by a professional engineer who is registered or licensed as such under the *Professional Engineers Act*. R.R.O. 1990, Reg. 856, s.5 (2).

**(3)** Every repair to a roll-over protective structure other than a custom built structure shall be approved by the manufacturer of the structure as meeting the requirements of clause (1) (a). R.R.O. 1990, Reg. 856, s.5 (3).

**6.** Every restraining device shall be designed, constructed, installed and maintained,

- (a) so that the person using the device is secured in position and within the space protected by the roll-over protective structure if the machine to which it is fastened is travelling at a forward speed of 16 kilometres per hour, engages a thirty degree slope and rolls 360 degrees about its longitudinal axis on a hard clay surface; and
- (b) so as to minimize injury to the person using the device, in case of an accident. R.R.O. 1990, Reg. 856, s. 6.

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