

Saskatchewan

Powered Mobile Equipment

This material has been extracted from the Acts and Regulations of the Province of Saskatchewan to aid students in understanding the subject. It is not an official source of information and must not be used for any other purpose.

The following is Copyright©2009 The Queen's Printer, Saskatchewan

The Occupational Health and Safety Regulations, 1996

O-1.1 REG 1 OCCUPATIONAL HEALTH AND SAFETY, 1996

PART XI

Powered Mobile Equipment

Interpretation

461 In this Part:

- (a) **Repealed.** 10 Aug 2007 SR 67/2007 s15.
- (b) **“hours of darkness”** means: the period from one-half hour after sunset to one hour before sunrise; or any time when, because of insufficient light or unfavourable atmospheric conditions, persons or vehicles are not clearly discernable at a distance of 150 metres.

4 Oct 96 cO-1.1 Reg 1 s153; 10 Aug 2007 SR 67/2007 s15.

Trained operators for powered mobile equipment

154(1) In this section:

- (a) **“farming or ranching operation”** includes any of the following operations:
 - (i) the production of crops, including fruits and vegetables, seeds and animal feed, through the cultivation of land;
 - (ii) the drying, cleaning, handling and transporting of grain by the original producer of that grain;

- (iii) feedlot and intensive livestock operations;
 - (iv) the production of raw milk;
 - (v) the operation of greenhouses;
 - (vi) the operation of herb or mushroom farms;
 - (vii) the raising of animals used in the production of food, including horses;
 - (viii) the keeping of bees;
 - (ix) the operation of sod farms;
 - (x) the operation of tree nurseries;
- (b) **“trained operator”** means a worker who:
- (i) has successfully completed a training program that includes all of the elements set out in Table 14.1 of the Appendix for the type of powered mobile equipment that the worker will be required or permitted to operate; or
 - (ii) is completing the practical training required by Table 14.1 of the Appendix under the direct supervision of a competent operator within the meaning of subclause (i).
- (2) Subject to subsection (4), every employer or contractor shall ensure that only trained operators are required or permitted to operate powered mobile equipment.
- (3) An employer or contractor shall ensure that:
- (a) the training required by Table 14.1 of the Appendix is provided by competent persons; and
 - (b) a written record of all training delivered to workers pursuant to this section and Table 14.1 of the Appendix is kept readily available.
- (4) This section does not apply to persons directly engaged in a farming or ranching operation.

6 Mar 2009 SR 18/2009 s3.

Visual inspection

- 155(1)** Before a worker starts any powered mobile equipment, an employer or contractor shall ensure that the worker makes a complete visual inspection of the equipment and the surrounding area to ensure that no worker, including the operator, is endangered by the start-up of the equipment.
- (2) No worker shall start any powered mobile equipment until the inspection required by subsection (1) is completed.

4 Oct 96 cO-1.1 Reg 1 s155.

O-1.1 REG 1 OCCUPATIONAL HEALTH AND SAFETY, 1996**Inspection and maintenance**

156 An employer or contractor shall ensure that:

- (a) all powered mobile equipment is inspected by a competent person for defects and unsafe conditions as often as is necessary to ensure that it is capable of safe operation;
- (b) where a defect or unsafe condition that may create a hazard to a worker is identified in the powered mobile equipment:
 - (i) steps are taken immediately to protect the health and safety of any worker who may be at risk until the defect is repaired or the unsafe condition is corrected; and
 - (ii) as soon as is reasonably practicable, the defect is repaired or the unsafe condition is corrected; and
- (c) a written record of the inspections and maintenance carried out pursuant to clauses (a) and (b) is kept at the place of employment and made readily available to the operator.

4 Oct 96 cO-1.1 Reg 1 s156.

Requirements for powered mobile equipment

157(1) An employer, contractor or supplier shall ensure that each unit of powered mobile equipment is equipped with:

- (a) a device within easy reach of the operator that will permit the operator to stop as quickly as possible any ancillary equipment driven from the powered mobile equipment, including any power take-off, crane and auger and any digging, lifting and cutting equipment;
 - (b) a horn or other audible warning device;
 - (c) seats that are designed and installed to ensure the safety of all workers required or permitted to be in or on the equipment while the equipment is in motion except where the powered mobile equipment is designed to be operated from a standing position; and
 - (d) an effective braking system and an effective parking device.
- (2) Where a unit of powered mobile equipment is operated during hours of darkness in an area that is not adequately illuminated, an employer, contractor or supplier shall ensure that it is equipped with suitable headlights and back-up lights that clearly illuminate the path of travel.
- (3) Where a unit of powered mobile equipment has a windshield, an employer, contractor or supplier shall ensure that it is equipped with suitable windshield washers and wipers.

(4) Where a unit of powered mobile equipment is fitted with roll-over protective structures, an employer, contractor or supplier shall ensure that the equipment is equipped with:

- (a) seat-belts for the operator and any other worker who is required or permitted to be in or on the equipment while the equipment is in motion; or
- (b) shoulder belts, bars, gates, screens or other restraining devices designed to prevent the operator and any other worker from being thrown outside the roll-over protective structures if the work process renders the wearing of a seat-belt impracticable.

(5) Where there is a danger to the operator of a unit of powered mobile equipment or any other worker who is required or permitted to be in or on a unit of powered mobile equipment from a falling object or projectile, an employer, contractor or supplier shall ensure that the powered mobile equipment is equipped with a suitable and adequate cab, screen or guard.

4 Oct 96 cO-1.1 Reg 1 s157.

Construction, repair, etc., of powered mobile equipment

157.1 An employer, contractor, owner or supplier shall ensure that each unit of powered mobile equipment is constructed, structurally repaired, inspected, tested, maintained and operated in accordance with the manufacturer's specifications or an approved standard.

10 Aug 2007 SR 67/2007 s17.

Use of seat-belt or restraint by operator

158 An employer or contractor shall ensure that the operator of a unit of powered mobile equipment uses the seat-belt or other restraining device required by subsection 157(4).

4 Oct 96 cO-1.1 Reg 1 s158.

Protection against shifting of load

159 An employer or contractor shall install a bulkhead or other effective restraining device to protect the operator and any other worker who is required or permitted to be in or on powered mobile equipment used to transport equipment or materials that may shift under emergency stopping conditions and endanger the operator or other worker.

4 Oct 96 cO-1.1 Reg 1 s159.

Warning of reverse motion

160 An employer, contractor or supplier shall ensure that a motor vehicle or unit of powered mobile equipment that may be used in such a way that a worker other than the operator may be placed at risk by an unexpected reverse movement is equipped with a suitable warning device that operates automatically when the vehicle or equipment starts to move in reverse.

4 Oct 96 cO-1.1 Reg 1 s160.

O-1.1 REG 1 OCCUPATIONAL HEALTH AND SAFETY, 1996**Roll-over protective structures**

161(1) An employer, contractor or supplier shall ensure that no unit of powered mobile equipment that is equipped with an engine rated at 15 kilowatts or more and is in any of the following categories is used unless it is fitted with a roll-over protective structure that meets the requirements of subsection (2):

- (a) motor grader;
- (b) crawler tractor, other than one that operates with side booms;
- (c) wheeled or tracked dozer and loader, other than one that operates with side booms;
- (d) self-propelled wheeled scraper;
- (e) self-propelled roller;
- (f) compactor;
- (g) rubber-tired tractor;
- (h) skidder.

(2) Except as otherwise provided in these regulations, an employer, contractor or supplier shall ensure that a roll-over protective structure required by subsection (1):

- (a) is designed, manufactured and installed to meet the requirements of an approved standard; and
- (b) has the following information permanently and legibly marked on the structure:
 - (i) the manufacturer's name and address;
 - (ii) the model and serial number;
 - (iii) the make and model or series number of the machines that the structure is designed to fit;
 - (iv) an identification of the standard to which the structure was designed, manufactured and installed.

(3) Where a roll-over protective structure required by subsection (1) is not available, an employer, contractor or supplier shall ensure that a unit of powered mobile equipment mentioned in subsection (1) is equipped with a roll-over protective structure that is:

- (a) designed by a professional engineer;
- (b) designed and fabricated so that the structure and supporting attachments will support at least twice the weight of the equipment to which the structure is to be fitted, based on the ultimate strength of the metal and integrated loading of structural members, with the resultant load applied at the point of impact; and
- (c) installed to have a vertical clearance of 1.2 metres between the decks and the structures at the point of operator entrance or exit.

- (4) A roll-over protective structure that was installed on powered mobile equipment on or before the day on which these regulations come into force and that was designed and manufactured to meet any standard described in section 200 of *The Occupational Health and Safety Regulations* as that section existed immediately before these regulations come into force is deemed to meet the requirements of this section.
- (5) An employer, contractor or supplier shall ensure that all modifications or repairs to existing roll-over protective structures are certified as meeting the requirements of this section by a professional engineer.
- (6) This section does not apply to equipment that is used underground in a mine and that is governed by *The Mines Regulations*.

4 Oct 96 cO-1.1 Reg 1 s161.

Transparent materials used in cabs, etc.

- 162(1)** An employer, contractor or supplier shall ensure that any transparent material used as part of the enclosure for a cab, canopy or roll-over protective structure on powered mobile equipment is made of safety glass or another material that gives at least equivalent protection against shattering.
- (2) An employer, contractor or supplier shall ensure that any defective glass or other transparent material in a cab, canopy or roll-over protective structure that creates or may create a hazard is removed and replaced.

4 Oct 96 cO-1.1 Reg 1 s162.

Fuel tanks in enclosed cabs

- 163** Where a unit of powered mobile equipment is equipped with an enclosed cab, an employer, contractor or supplier shall ensure that a fuel tank located in the enclosed cab has a filler spout and vents that extend to the outside of the cab.

4 Oct 96 cO-1.1 Reg 1 s163.

Dangerous movements

- 164(1)** Where a worker may be endangered by the swinging movement of a load or a part of a unit of powered mobile equipment, an employer or contractor shall not require or permit a worker to remain within range of the swinging load or part.
- (2) Where a worker may be required or permitted to perform maintenance, repairs or other work on or under an elevated part of a unit of powered mobile equipment, an employer or contractor shall ensure that the elevated part is securely blocked to prevent accidental movement.
- (3) An operator of a unit of powered mobile equipment shall not move or cause to be moved any load or part of the equipment when a worker may be endangered by that movement.

4 Oct 96 cO-1.1 Reg 1 s164.

Transporting workers

- 165(1)** An employer or contractor shall ensure that no worker is transported on a vehicle or a unit of powered mobile equipment unless the worker is seated and secured by a seat-belt or other restraining device that is designed to prevent the worker from being thrown from the vehicle or equipment while the vehicle or equipment is in motion.

O-1.1 REG 1 OCCUPATIONAL HEALTH AND SAFETY, 1996

- (2) An employer or contractor shall ensure that no worker is transported on the top of a load that is being moved by a vehicle or a unit of powered mobile equipment.
- (3) An employer or contractor shall ensure that no worker places equipment or material in a compartment of a vehicle or powered mobile equipment in which the operator or another worker is being transported unless the equipment or material is positioned or secured so as to prevent injury to the operator or the other worker.
- (4) Where an open vehicle or unit of powered mobile equipment is used to transport a worker, an employer or contractor shall ensure that the worker is restrained from falling from the vehicle or powered mobile equipment and that no part of the worker's body protrudes beyond the side of the vehicle or powered mobile equipment.
- (5) An employer or contractor shall ensure that sufficient protection against inclement weather is provided for workers who are required to travel in a vehicle or a unit of powered mobile equipment.
- (6) Where a vehicle or unit of powered mobile equipment with an enclosed body is used to transport workers, an employer, contractor or supplier shall ensure that the exhaust outlet of the engine is located so that exhaust gases cannot enter the enclosed body.

4 Oct 96 cO-1.1 Reg 1 s165.

Ladders attached to extending boom**166**(1) An employer or contractor shall ensure that:

- (a) subject to subsection (2), no worker is on a ladder that is attached as a permanent part of an extending boom on powered mobile equipment during any movement of the equipment, including extension or retraction of the boom;
- (b) where outriggers are incorporated into powered mobile equipment, no worker climbs a ladder attached to an extending boom unless the outriggers are deployed; and
- (c) no worker operates any powered mobile equipment equipped with an extending boom unless the powered mobile equipment is stable under all operating conditions.
- (2) Clause (1)(a) does not apply to firefighting equipment.

4 Oct 96 cO-1.1 Reg 1 s166.

Forklifts**167**(1) An employer, contractor or supplier shall ensure that every forklift:

- (a) is provided with a durable and clearly legible load rating chart that is readily available to the operator; and
- (b) is equipped with a seat-belt for the operator if the forklift is equipped with a seat.
- (2) An employer or contractor shall ensure that the operator of a forklift uses the seat-belt required by clause (1)(b).

