

Manure Application Equipment and Alberta Road Regulations

Arthur Anderson

Solicitor General and Public Security,
Commercial Vehicle Enforcement, Lethbridge, Alberta.
arthur.anderson@gov.ab.ca; 403-382-4026

Key Points

In this presentation, the following topics will be covered:

- What is a commercial vehicle and where a farm vehicle fits into the mix
- Cargo securement
- Over dimensional units
- Legal weights
- Road bans
- Bridge compliance
- Flootation tires
- Farm wagon trailers
- Slow moving vehicles
- Hoses/draglines on roads
- Public Highways Development Act
- Depositing material on a highway (mud, etc.)
- Example of permit conditions

For More Information

For general information: <http://www.transportation.alberta.ca/>

For legislation: <http://www.transportation.alberta.ca/3.htm>

Vehicle weights and dimensions: <http://www.transportation.alberta.ca/3870.htm>

Vehicle weights and dimensions: <http://www.qp.alberta.ca/>

Handout

Cargo securement requirements

17 (4) A driver, a carrier or an owner of a commercial vehicle shall ensure that cargo transported by a commercial vehicle is contained, immobilized or secured **so that it cannot**

- (a) **leak, spill, blow off, fall** from, fall through or otherwise be dislodged from the commercial vehicle, or
- (b) **shift upon or within the commercial vehicle** to such an extent that the commercial vehicle's stability or manoeuvrability is adversely affected.

Cargo – means all articles or material carried by a vehicle, including those used in the operation of the vehicle.

Legal weights for Commercial Vehicles:

- Steering axle: 5500 kg power unit or 7300 kg truck
- Single axle: 9100 kg
- Tandem axle: 17 000 kg
- Tridem axle: 24 000 kg

Legal weights for Farm Trailers:

- Farm trailers fall under quantum axle groups
- 9100 kilograms for a quantum axle group consisting of 2 axles
- 17 000 kilograms for a quantum axle group consisting of 3 or more axles with 12 or more tires
- 15 000 kilograms for a quantum axle group consisting of 3 or more axles with fewer than 12 tires

Note: all weights are subject to tire capacities and specific measurements for each respective grouping.

Floatation Tires: (Commercial Vehicle Safety Regulation AR 121/2009)

Sec. 32(1) In this section and sections 33 to 36

(h) “self-propelled floater implement of husbandry” means a motor vehicle that is designed, adapted or modified exclusively for the field application of fertilizers.

Sec. 36 Self-propelled floater implement of husbandry

No person shall operate a self-propelled floater implement of husbandry on a paved highway at any time during which the implement is carrying a load.

Slow Moving Vehicles: (Commercial Vehicle Safety Regulation AR 121/2009)

Sec. 3(2) (Schedule 1)

A commercial vehicle shall not be operated on a highway if it is

(c) a piece of machinery or equipment used at or designed for a maximum speed not exceeding 40 kilometres per hour, unless a slow moving vehicle sign is displayed on the vehicle.

Slow Moving Vehicles: (Use of Highway Rules of The Road Regulation AR 304/2002)

Sec. 3(1) If a person driving a vehicle is driving the vehicle on a highway at a speed that is less than the normal speed of the traffic on the highway at that time and place and under the conditions then existing, that person shall drive the vehicle

- (a) in the right traffic lane then available for traffic, or
- (b) as close as practicable to the right curb or edge of the roadway

Obstruction of or injury to highway: (Public Highways Development Act)

Sec. 43(1) A person who, without justification or excuse,

- (a) obstructs or deposits any material on a highway, or
- (b) interferes with, breaks, cuts or otherwise injures a highway, is guilty of an offence.

Exemptions for Farmers:

- Air brake endorsement while operating a farm vehicle with air brakes.
- Written trip inspection reports
- Log books, when travelling within the province
- CVIP's (Annual mechanical inspections)

Contact Information:

Provincial Road Ban: 1-855-ROADBAN (1-855-762-3226)

Alberta Central Permit Office: 1-800-662-7138

(For provincial highways only)