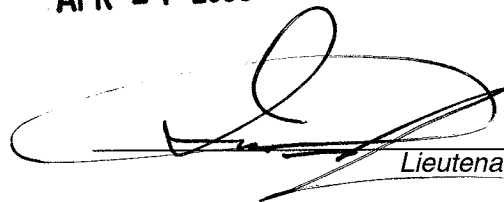


**PROVINCE OF BRITISH COLUMBIA**  
**ORDER OF THE LIEUTENANT GOVERNOR IN COUNCIL**

Order in Council No. **303**, Approved and Ordered **APR 27 2006**

  
\_\_\_\_\_  
Lieutenant Governor

**Executive Council Chambers, Victoria**

On the recommendation of the undersigned, the Lieutenant Governor, by and with the advice and consent of the Executive Council, orders that the Commercial Transport Regulations, B.C. Reg. 30/78, are amended as set out in the attached Schedule.

  
\_\_\_\_\_  
Minister of Transportation

  
\_\_\_\_\_  
Presiding Member of the Executive Council

*(This part is for administrative purposes only and is not part of the Order.)*

**Authority under which Order is made:**

Act and section:- Commercial Transport Act, R.S.B.C. 1996, c. 58, s. 11

Other (specify):- oic 27/78

February 20, 2006

## SCHEDULE

**1 Section 1.01 of the Commercial Transport Regulations, B.C. Reg. 30/78, is amended**

**(a) by adding the following definitions:**

**“automatic axle lift device”** means a device that is designed

- (a) to lift or otherwise remove the tires of an unloaded trailer’s axle from contact with the road surface, and
- (b) to automatically lower the tires to the road surface if a load is placed in the trailer;

**“drawbar length”** means the longitudinal distance from the centre of the hole in the fifth wheel of a converter dolly or turntable center to the center of the hitching device on the towing vehicle;

**“super single tire”** means a non-steering tire that has a tire width of 445 mm or larger and a bead diameter of 49.5 cm or larger and that meets the requirements of the Motor Vehicle Tire Safety Regulations (Canada);

**(b) by repealing the definition of “logging truck” and substituting the following:**

**“logging truck”** means a truck or truck and trailer combination used to haul, in their natural state, green felled or bucked logs or poles; ,

**(c) by repealing the definition of “permanently mounted equipment” and substituting the following:**

**“permanently mounted equipment”** means a

- (a) heavy duty crane mounted on a truck tractor or truck,
- (b) hydraulic or main-engine winch, power-driven off the engine,
- (c) chassis-mounted rotating ready-mix concrete drum,
- (d) dump box with tilt cylinders or a multi-stage tilt cylinder mounted behind the cab,
- (e) liquid tank if 100% of a liquid tanker straight truck’s payload and capacity consists of a liquid load, or
- (f) liquid tank associated with hydro-vac equipment if it is designed and used to excavate trenches and holes hydraulically and vacuum the loosened material into the liquid tank, but does not include conventional vacuum truck equipment.

**(d) by repealing the definitions of “TAC (BC) Vehicle”, “TAC Vehicle”, and “TAC drawbar length”,**

**(e) by repealing the definition of “tridem drive axle” and substituting the following:**

**“tridem drive axle”** means 3 equally spaced consecutive engine-driven axles having an axle spread of not less than 2.4 m and not more than 2.8 m, and an axle track width of not less than 2.4 m and not more than 2.6 m for axles that are equipped with either dual wheels or tires, or an axle track width of not less than

2.5 m and not more than 2.6 m for axles that are equipped with super single tires on each track; , *and*

*(f) by repealing the definition of “truck tractor” and substituting the following:*

“truck tractor” means a motor vehicle, having a net weight of more than 4 000 kg, that is equipped with a fifth-wheel coupler or a centre rotatable log bunk mounted on a bolster affixed to the vehicle’s chassis, and includes an auto carrier with an underslung fifth wheel coupler and a truck tractor with a load box; .

2     *Section 3.02 (1) and (2) are repealed.*

3     *Division 7 is repealed and the following substituted:*

## **Division 7 – Size and Weight**

### **Application of Division**

- 7.01 (1) Except for section 7.02 (3), this Division applies only to
- (a) highways in unorganized territory,
  - (b) an arterial highway within the meaning of the *Transportation Act*, and
  - (c) highways under the jurisdiction of the Greater Vancouver Transportation Authority.
- (2) Except for sections 7.05, 7.06 and 7.08 (6), dimensional requirements of this Division apply only to vehicles with a gross vehicle weight rating of 6 000 kg or more.
- (3) Unless otherwise indicated, this Division applies to vehicles with or without a load.

### **Permits**

- 7.02 (1) The minister, or any person authorized by the minister, may, by general authority or by the issuance of a permit number or written permit, authorize the driving or operation on a highway of a commercial vehicle that does not conform to the weight and dimension specifications of this Division, and the fee for the permit is that specified in the Commercial Transport Fees Regulation.
- (2) A person who is issued a permit number under subsection (1) without a written permit must report to an inspection station to obtain a written permit at the first opportunity.
- (3) The minister or a person authorized by him may, by a general authority or by a written permit, authorize the crossing by a commercial vehicle of
- (a) a highway in unorganized territory or an arterial highway in a municipality, or
  - (b) if an officer of the municipality has given written approval to an application for crossing, a highway, other than an arterial highway, in the municipality,

and the fee must be in accordance with the Commercial Transport Fees Regulation.

- (4) Any driver, operator or owner of any vehicle or other person who violates any of the conditions contained in any permit issued under subsection (1) or (3) is guilty of an offence and is liable, on summary conviction, to a fine of not more than \$500 or to a term of imprisonment not exceeding 3 months, or both.
- (5) The minister or any person authorized by the minister, or any peace officer, may amend, vary or rescind permits issued under subsection (1) or (3).
- (6) As a prerequisite to the issuance of a permit under subsection (1) or (3), the minister may require the applicant for the permit to deposit with the minister charged with the administration of the *Transportation Act*, or a person acting on that minister's behalf, a sum of money in an amount sufficient, in the opinion of that minister, to pay the cost of repairing any damage that may be done to the highway, a public structure or a bridge by reason of the driving or operation of the vehicle on the highway, public structure or bridge.
- (7) If the term of the permit issued under subsection (1) or (3) extends beyond a single journey, the applicant must deposit, on account of the fee prescribed in the Commercial Transport Fees Regulation, a sum of money equal to the estimated charges for the permit.
- (8) The fee to be charged for a single trip overload permit under the Commercial Transport Fees Regulation must be based on the total number of kilometres of operation of the overloaded vehicle during the term of the permit.
- (9) An applicant for an oversize, overload or highway crossing permit may deposit with the minister, or with a person designated by the minister, a sum of money considered by the minister to be sufficient to secure the payment of the fees for such permits as may be required by the applicant, and the applicant must pay the permit fee on receipt of a bill from the ministry.
- (10) If an applicant fails to pay the fees charged under subsection (9), the minister, or a person authorized by the minister, may refuse any further applications for permits, and may cancel any existing permits until the delinquent fees are paid.
- (11) A person must not use a permit for the driving or operation of a vehicle other than the vehicle for which the permit was issued.
- (12) If the term of an overload permit extends beyond a single journey, a monthly fee must be charged according to the Commercial Transport Fees Regulation.
- (13) A permit or permit number issued under the Act and these regulations must be carried in the vehicle at all times when it is operating on a highway.
- (14) No permit is transferable from one vehicle to another, but if a vehicle has been sold, destroyed or exported from the Province, a substitute permit containing the same conditions as the original permit may be issued without fee and validated for the term of the original permit.
- (15) Unless expressly permitted by the conditions of a permit, a person must not drive or operate an oversize vehicle or load on a Sunday or a general holiday.

- (16) A person must not, without a permit or general authority issued under subsection (1), drive or operate a vehicle or combination of vehicles on a highway unless the vehicle or combination of vehicles, including its load, conforms to the weight, configuration, equipment and dimension specifications of this Division, including Appendices B, C, D, E, F, G, H and I.

### **Scales**

- 7.03** (1) The driver of a vehicle on a highway, when so required by a peace officer or by any person authorized by the minister, must
- (a) stop the vehicle at the time and place specified by the peace officer or authorized person for the purpose of weighing the whole or part of the vehicle by means of stationary or portable scales, measuring the dimensions of the vehicle and load, measuring and inspecting the tires, inspecting the load carried, or for any other purpose under the Act or these regulations,
  - (b) stop the vehicle if the vehicle or the load it is carrying is, in the opinion of the peace officer or the inspector, unsafe for operation on the highways and fix the defect in the vehicle or secure the load, as the case may be, before proceeding,
  - (c) drive the vehicle onto the nearest public stationary or portable scales for the purpose of weighing the vehicle and load, or
  - (d) rearrange the load on the vehicle or remove the whole or part of the load from the vehicle in order to comply with the provisions of the Act, regulations or permit before continuing to drive or operate the vehicle.
- (2) The driver of a vehicle on a highway, when directed by a traffic sign on the highway to report to scales, must drive the vehicle onto the scales for the purpose of weighing the whole or part of the vehicle by means of stationary or portable scales, measuring the dimensions of the vehicle and load, measuring and inspecting the tires, inspecting the load carried, or for any other purpose under the Act or these regulations.
- (3) Subsection (2) does not apply to the driver of a commercial vehicle of a licensed gross vehicle weight not exceeding 5 500 kg.
- (4) If a lease is made under section 13 (4) of the *Transportation Act*, or an agreement entered into under section 66 (3) of the *Transportation Act*, by the minister charged with the administration of the *Transportation Act*, that minister may prescribe in the lease or by separate document such conditions and requirements in respect of the driving or operation of vehicles covered by the lease on the highway or highways covered by the lease as that minister considers necessary.

### **Application of sections 7.05 to 7.31**

- 7.04** (1) The requirements of this Division concerning vehicle weights and dimensions do not apply to a person who is driving or operating a commercial vehicle engaged in the construction of, and operating within the boundaries of, a highway construction project.
- (2) Section 7.06 does not apply to a person who is driving or operating
- (a) an implement of husbandry on a highway during the hours of daylight, or

- (b) a vehicle registered in the name of
  - (i) the ministry of the minister charged with the administration of the *Transportation Act*, or
  - (ii) a municipality
 and that is operated for the purposes of road maintenance or snow removal.
- (3) If the overall width of an implement of husbandry for which a person is exempted under subsection (2) (a) is 3.7 m or more, a sign as described in section 8.03 must be mounted on the front and a flag as described in section 8.05 must be mounted on each of the 4 corners of the implement of husbandry.
- (4) Sections 7.15 to 7.17 and 7.20 and Appendices B to I do not apply to vehicles being operated by
  - (a) the ministry of the minister charged with the administration of the *Transportation Act*, or
  - (b) a municipality
 while the vehicle is operated for the distribution of material on the highway for the purpose of improving traction and is
  - (c) travelling to the place on the highway where distribution of the material carried by the vehicle begins, or
  - (d) distributing the material on the highway.
- (5) Despite any other provision of these regulations or of a permit issued under these regulations, the maximum height, length or width of a vehicle or vehicle and load allowable on a highway or portion of a highway is the maximum indicated by a sign posted under section 66 of the *Transportation Act*.
- (6) A person must not, without a permit issued under the Act and regulations, drive or operate a vehicle or combination of vehicles over a bridge if the gross weight on an axle or group of axles or the gross vehicle weight is in excess of a load limit posted on or adjacent to that bridge by the minister charged with the administration of the *Transportation Act*.
- (7) A bridge load limit for tridem axles posted on or adjacent to a bridge by the minister charged with the administration of the *Transportation Act* applies also to any group of 3 axles having a spread of 3.7 m or less.

#### **Vehicle height**

- 7.05** (1) A person must not, without a permit, drive or operate a vehicle having a height in excess of 4.15 m.
- (2) Despite subsection (1), if a vehicle is equipped at the top with a tarp system with roll-up tarp backstops consisting of short, non-retractable metal straps which extend upwards to secure the roll-up tarp, the overall height of the vehicle, including the backstops, must not exceed 4.3 m, and the overall height of the load must not exceed 4.15 m.
  - (3) Despite subsections (1) and (2), a person must not, without a permit, drive or operate a vehicle on a highway if the overall height of the vehicle is greater than the height limit indicated on a low clearance warning sign posted on the highway.

### **Vehicle width**

**7.06** A person must not, without a permit, drive or operate on a highway a vehicle having a total outside width in excess of 2.6 m, but not including the following as part of that width:

- (a) loose hay, straw or fodder projecting over the sides of the vehicle to a total outside width not in excess of 3.1 m;
- (b) one or more mirrors, fitted for the purpose of conforming to the requirements of the Motor Vehicle Act Regulations, which do not extend more than 20 cm on each side beyond the total width of vehicle and load otherwise permitted by this section;
- (c) an anti splash and spray device, load securement device, ladder, glad hand, air connector, electrical connector, hydraulic connector, clearance lamp or dangerous goods placard if the device, ladder, glad hand, air connector, electrical connector, hydraulic connector, lamp or placard does not extend more than 10 cm on each side beyond the widest part of the vehicle and its load;
- (d) 445-mm-wide tires, fitted to the steering axles of a truck or truck tractor manufactured before January 1, 2005, that extend up to a maximum of 10 cm on either side of the vehicle beyond the maximum vehicle width of 2.6 m.

### **Vehicle axle width**

**7.07** (1) A person must not, without a permit, drive or operate a semi-trailer, pony trailer, or full trailer unless

- (a) if the semi-trailer, pony trailer or full trailer was manufactured after August 31, 1988, and before January 1, 1994, the distance across the outside of the tires on each single axle, each tandem axle and each tridem axle is
  - (i) if the width of the semi-trailer, pony trailer or full trailer body is 2.5 m or more, not less than 2.5 m nor more than 2.6 m, and
  - (ii) if the width of the semi-trailer, pony trailer or full trailer body is less than 2.5 m, not less than 2.4 m, and
- (b) if the semi-trailer, pony trailer or full trailer was manufactured after December 31, 1993, the distance across the outside of the tires on each axle is not less than 2.5 m and not more than 2.6 m.

(2) Subsection (1) does not apply to container chassis trailers used exclusively in the transportation of multi-modal shipping containers.

(3) All axles on a trailer must be of equal width.

### **Vehicle length**

**7.08** (1) Subject to subsections (2) to (5), a person must not drive or operate a vehicle or vehicle combination unless it conforms to the vehicle dimensions specified for that vehicle or vehicle combination in Appendix B, C, D, E, F, G, H or I to these regulations.

(2) A vehicle's overall length is to be determined for the purposes of subsection (1) without including the following as part of that length:

- (a) an air deflector, heater or refrigerator unit attached to the front of the vehicle;
  - (b) the draw bar of a full trailer if the draw bar articulates in the horizontal plane relative to the main load-carrying structural component of the trailer;
  - (c) non-load carrying equipment such as an air connector, electrical connector, hydraulic connector, roller, pickup plate, bumper, ladder, glad hand, load securement device or dangerous goods placard if the connector, roller, plate, bumper, ladder, glad hand, device or placard does not extend more than 30 cm beyond the front or 10 cm beyond the rear of the vehicle;
  - (d) a platform mounted on the front upper portion of a trailer to a maximum horizontal length of 1 m, if the platform is used exclusively to assist in the installation or securing or both of load securement devices.
- (3) A bus, including a bus converted into a motor home, may have an overall length, including all ancillary equipment, of
- (a) 12.5 m for a two-axle bus, and
  - (b) 14 m for a three-axle-bus.
- (4) Despite subsection (3), a bus may have an overall length of up to 20 m if
- (a) it has an articulation point between the passenger carrying sections of the bus,
  - (b) the distance from the articulation point to the front or rear of the bus does not exceed 12.5 m, and
  - (c) movement of passengers between the articulated sections of the bus is possible at all times while the bus is being operated on a highway.
- (5) A person must not, without a permit, drive or operate a vehicle combination, including an under-slung fifth wheel semi-trailer, with a length of more than 14.65 m, as measured from the kingpin to the rearmost point of the trailer.
- (6) A person must not, without a permit, drive or operate
- (a) except as provided in paragraph (b), a single vehicle having an overall length in excess of 12.5 m,
  - (b) a trailer having an overall length in excess of 12.5 m, but not including the following as part of that length:
    - (i) an air deflector, heater or refrigerator unit attached to the front of the trailer;
    - (ii) the draw bar of the trailer if the draw bar articulates in the horizontal plane relative to the main load-carrying structural component of the trailer;
    - (iii) non-load carrying equipment such as an air connector, electrical connector, hydraulic connector, roller, pickup plate, bumper, ladder, glad hand, load securement device or dangerous goods placard if the connector, roller, plate, bumper, ladder, glad hand, device or placard does not extend more than 30 cm beyond the front or 10 cm beyond the rear of the vehicle;



- (iv) a platform mounted on the front upper portion of the trailer if the platform is used exclusively to assist in the installation or securing or both of load securement devices,
- (c) subject to section 7.27 (1), a combination of 2 or more vehicles
  - (i) if the combination contains one articulation point, having an overall length, including its load, in excess of 20 m, and
  - (ii) if the combination contains more than one articulation point, having an overall length, including its load, in excess of 23 m,
- (d) a vehicle combination consisting of a jeep and low-bed semi-trailer as allowed by section 7.22 if the combination has an overall length in excess of 23 m, or
- (e) a combination of vehicles that contains a licensed booster axle assembly mounted to the rear of a semi-trailer lowbed and has an overall length that exceeds 23.0 m.

#### **Load sharing**

**7.09** A person must not, without a permit, drive or operate a combination of vehicles if the load is supported by more than one vehicle in combination except

- (a) a logging truck in combination with a pole trailer equipped with a compensating reach, or
- (b) if the load is supported at an articulation point by a fifth wheel coupler and kingpin, a pintle hook and lunette eye assembly or a turntable.

#### **Axle units**

**7.10** A person must not, without a permit, drive or operate on a highway a truck tractor in combination with

- (a) a semi-trailer on which more than one axle unit is in contact with the ground, or
- (b) a trailer converter dolly equipped with tridem axle unit.

#### **Lift axles**

**7.11** (1) A person must not, without a permit, drive or operate on a highway a vehicle or a combination of vehicles in which a control is provided for varying the weight on an axle or group of axles, unless

- (a) the control locks or unlocks a sliding fifth wheel coupler,
- (b) the vehicle is a ready mix concrete truck and the control is manually operated and located outside the driver compartment and immediately adjacent to the axle or group of axles being affected, or
- (c) the control is an automatic axle lift device that
  - (i) was installed on the trailer by
    - (A) the original trailer manufacturer, or
    - (B) an installer working under the supervision of, and according to an installation plan developed by, a professional engineer, and

- (ii) is equipped with tamper-resistant features to prevent unintended field adjustments,
  - and the trailer on which it is installed
  - (iii) has affixed on each side, near the affected axles, a unique logo indicating that an automatic axle lift device is installed on the trailer, and
  - (iv) is equipped with an on/off control to operate the automatic axle lift device and with a status light in the cab to indicate to the driver when the device is activated.
- (2) A person must not, without a permit, drive or operate a vehicle or vehicle combination with lift axles in contact with the ground if the vehicle is
- (a) not also equipped with an automatic lift axle that meets the requirements set out in subsection (1) (c) (i) and (ii), or
  - (b) a pole trailer.

#### **Self steering axles**

- 7.12** (1) A person must not, without a permit, drive or operate on a highway a vehicle or a vehicle combination equipped with a self steering axle if the tires of the self steering axle are in contact with the ground, unless the vehicle or one vehicle in the vehicle combination is
- (a) a tandem drive ready-mix concrete truck equipped with a self-steering booster axle, or
  - (b) a jeep, an A or C converter dolly or a full trailer, and the jeep, dolly or trailer is equipped with a self-steering axle in the front axle group.

#### **Licensed GVW**

- 7.13** The maximum licensed gross vehicle weight of a vehicle or combination of vehicles must not exceed 63 500 kg.

#### **Overload**

- 7.14** (1) For the purpose of issuing overload permits, “**overload**” means
- (a) any positive weight difference between
    - (i) the axle weight and the maximum axle unit weight or the maximum gross weight for a group of axles allowed under these regulations,
    - (ii) the gross vehicle weight and the gross vehicle weight allowed for the particular vehicle or vehicle combination under these regulations,
    - (iii) the gross vehicle weight and the licensed gross vehicle weight, or
    - (iv) the axle or gross vehicle weight and the maximum axle or gross vehicle weight as posted on a highway sign, or
  - (b) the total weight of any axle unit or group of axles, beyond 27.5 m overall length, of an empty (no load) vehicle combination.
- (2) Subject to sections 7.04 (6) and 7.13, a person must not, without a permit, drive or operate on a highway a vehicle or a combination of vehicles if the gross weight of the vehicle or combination of vehicles exceeds 63 500 kg.

**Maximum gross weight for tires**

**7.15** A person must not, without an overload permit, drive or operate on a highway a vehicle loaded or configured so that the gross weight on a tire exceeds either

- (a) the manufacturer's rated capacity for the tire, or
- (b) the tire load specified for that vehicle or vehicle combination in Appendix B, C, D, E, F, G, H or I.

**Maximum gross weight for axles**

**7.16** (1) A person must not, without an overload permit, drive or operate on a highway a vehicle loaded or configured so that

- (a) the gross weight on an axle exceeds the manufacturer's rated capacity for that axle or for the brake or suspension system with which the axle is equipped,
  - (b) the gross weight on an axle exceeds 9 100 kg,
  - (c) the gross weight on any one axle of a tridem or tandem axle group exceeds 9 100 kg,
  - (d) the axle weight difference between adjacent axles exceeds 1 000 kg,
  - (e) except in the case of a tridem pole trailer, the gross weight on any two adjacent axles in a tridem axle group exceeds 17 000 kg,
  - (f) the gross weight on the steering axle of an all-wheel-drive three axle truck tractor exceeds 7 500 kg, or
  - (g) the sum of the axle loads on the drive axles and jeep axle in a tandem drive truck tractor in combination with a single axle jeep and lowbed semi-trailer exceeds the greater of 24 000 kg or the weight allowed under the table in section 7.17.
- (2) Subsection (1) does not apply to a vehicle described in section 19.11 (3) or (4) of the Motor Vehicle Act Regulations, B.C. Reg. 26/58.
- (3) Despite anything in an overload permit, if a posted sign on a highway restricts vehicles by weight, the posted restriction applies.

**Maximum gross weight for axle groups**

**7.17** (1) This section does not apply to drivers or operators of vehicles described in appendices C, D and G.

- (2) A person must not, without an overload permit, drive or operate on a highway a vehicle or combination of vehicles having a group of axles within a spacing of 8 m or less if the group of axles carries, along any 8 m axle length, the gross weight indicated in column 2 of the table opposite the distance between the centres of the first and last axle of the group indicated in column 1:

<i>Column 1</i>	<i>Column 2</i>
Distance between the centres of the first axle and last axle of any group of axles of a vehicle or combination of vehicles	Maximum gross weight, group of axles
less than 1.00 m	9 100 kg

1.00 m up to but not including	1.20 m	16 500 kg
1.20 m	"	17 000 kg
1.90 m	"	18 000 kg
2.30 m	"	19 000 kg
2.60 m	"	20 000 kg
3.00 m	"	21 000 kg
3.40 m	"	22 000 kg
3.80 m	"	23 000 kg
4.20 m	"	24 000 kg
4.60 m	"	25 000 kg
5.00 m	"	26 000 kg
5.30 m	"	27 000 kg
5.70 m	"	28 000 kg
6.10 m	"	29 000 kg
6.50 m	"	30 000 kg
6.90 m	"	31 000 kg
7.20 m	"	32 000 kg
7.60 m	"	33 000 kg
8.00 m	"	34 000 kg

- 7.18** (1) A person must not drive or operate on a highway a 3 vehicle combination of vehicles
- (a) consisting, in part, of a semi-trailer and pony trailer, or
  - (b) having a gross combined weight less than 11 000 kg.
- (2) Despite subsection (1), a person may, without a permit, drive or operate on a highway a 3 vehicle combination of vehicles if the combination consists of
- (a) motor vehicle,
  - (b) a towing dolly, and
  - (c) a licensed motor vehicle, one axle of which is carried by the towing dolly.
- (3) A person must not, without a permit, drive or operate a 3 vehicle combination consisting of a truck and 2 trailers, or a logging truck combination that includes 2 pole trailers.

#### **Towing dollies**

- 7.19** A person must not drive or operate on a highway a commercial vehicle that is towing a towing dolly if the net weight of the towing dolly plus the gross weight of a motor vehicle, one axle of which is being carried by the towing dolly, exceeds 2 800 kg.

#### **Drive axle**

- 7.20** A person must not, without an overload permit, drive or operate on a highway
- (a) a vehicle or combination of vehicles having a gross weight on the drive axle that is less than 20% of the gross vehicle weight, or
  - (b) a combination of vehicles with a gross vehicle weight in excess of 38 000 kg unless the towing vehicle has a tandem drive axle.

### **Weight to horsepower**

- 7.21** A person must not, without an overload permit, drive or operate on a highway a combination of vehicles unless the gross vehicle weight to the manufacturer's rated horsepower of the towing vehicle bears a relationship of not more than 150 kg to one horsepower.

### **Single axle jeep with lowbed semi-trailer**

- 7.22** Despite any other provision of these regulations, a person may, without a permit, drive or operate on a highway a combination of vehicles consisting of a tandem drive axle truck tractor, a single axle jeep and a lowbed semi-trailer if
- (a) the interaxle spacing between the tandem drive axle and the jeep single axle is not less than 1.2 m nor more than 3.5 m, and
  - (b) the vehicles are
    - (i) unladen, or
    - (ii) being used to haul a bundle, in their natural state, of green felled or bucked logs or poles.

### **Truck prohibitions**

- 7.23** (1) A person must not, without a permit, drive or operate a tridem-drive truck or truck tractor equipped with a booster or jeep axle, unless the jeep axle is unladen and the jeep is licensed under the *Motor Vehicle Act*.
- (2) A person must not, without a permit, drive or operate a vehicle or vehicle combination unless the vehicle's or the vehicle combination's weights conform to those shown for that vehicle or vehicle combination in Appendices B to I to these regulations.
- (3) A person must not, without a permit, drive or operate on a highway
- (a) a tridem tractor in any vehicle combination,
  - (b) a tridem drive straight truck, or
  - (c) a tridem drive truck in combination with a trailer
- unless all of the following conditions apply:
- (d) no device is present which allows the driver to transfer or shift axle weight within any tridem axle group in the combination;
  - (e) all tires in the tridem drive axles are in contact with the road surface;
  - (f) an individual axle has a common type of suspension within the tridem drive axle group;
  - (g) the control for the tridem tractor's drive axles differential lock-up mechanism is accessible by the driver from inside the cab, and the differentials remain unlocked at all times while the tractor is operated on a highway;
  - (h) a warning label is visible to the driver stating that "During tight cornering, all differentials of the tridem drive axle group must be unlocked";
  - (i) the axle width dimension for the tridem drive axles
    - (i) is a minimum 2.5 m and a maximum 2.6 m if the tridem tractor is manufactured after July 31, 1997, or

- (ii) is a minimum 2.4 m and a maximum 2.6 m if the tridem tractor is manufactured, or converted from a motor vehicle which was manufactured, before August 1, 1997.

#### **Spread tandem axles**

**7.24** Despite Appendix A, a person may, without a permit, operate the semi-trailer of a 2 vehicle combination with a spread tandem axle, if the interaxle spacing between the 2 non-steering axles exceeds 185 cm but does not exceed 307 cm, provided that the sum of the axle weight for both axles does not exceed 9 100 kg.

#### **Super single tires**

**7.25** A person must not, without a permit, use super single tires, unless

- (a) the super single tires
  - (i) are used on a single, tandem or tridem axle group,
  - (ii) do not support, except on the steering axle, more than 3 850 kg each, and
  - (iii) are on the last axle group, if the super single tires are used on a vehicle combination with a tandem or tridem axle group, and
- (b) the axles on which the super single tires are installed
  - (i) have a minimum axle track width of 2.5 m,
  - (ii) do not have dual wheels or single tires installed on them, and
  - (ii) do not support more than 7 700 kg each.

#### **Vehicle, axle and tire loads for logging trucks**

**7.26** (1) Subject to subsection (2), a person may drive or operate on a highway a logging truck that exceeds the gross weights referred to in this Division, including those referred to in the Appendices, if the amount of excessive gross weight does not exceed the following amounts:

- (a) during the period between March 2 and November 30 of a calendar year
  - (i) for a single axle, 500 kg, not including the steering axle of a logging truck or a truck tractor,
  - (ii) for a tandem axle, triaxle, tridem axle or tridem drive axle, 1 100 kg, or
  - (iii) for a combination of vehicles, 1 500 kg;
- (b) during the period between December 1 of a calendar year and March 1 in the next calendar year
  - (i) for a single axle, 500 kg, not including the steering axle of a logging truck or a truck tractor,
  - (ii) for a tandem axle, triaxle, tridem axle or tridem drive axle, 1 500 kg, or
  - (iii) for a combination of vehicles, 2 500 kg.

(2) Despite the limitations set out in the Appendices and subject to the manufacturer's rated capacity for the tire, a logging truck in combination with a pole

trailer used to haul long logs may have a tire loading of 110 kg per 1.0 cm of tire width.

#### **Logging truck length**

- 7.27** (1) A logging truck 2-vehicle combination that has a single articulation point and is carrying a load of logs, wood poles or wood pilings may have an overall length, including its load, of up to 21.5 m, but only if the length of the load cannot be reduced without cutting the wood.
- (2) A logging truck combination that has more than one articulation point may have an overall length, including its load, of up to 23.0 m.

#### **Logging truck kingpin setback and front and rear projections**

- 7.28** (1) Except as provided in subsection (2), a person must not, without a permit, drive or operate a combination of vehicles in which the distance from the front-most vehicle articulation point to the extreme rear of the vehicle combination exceeds 18.0 m, but not including as part of that distance anything described in section 7.08 (6) (b) (i), (iii) or (iv).
- (2) A person must not, without a permit, drive or operate on a highway a pole trailer in combination with one other vehicle if the combination of vehicles is carrying a load that projects forward of the vertical axis of rotation of the forward bunk by a radius of more than 3.0 m.
- (3) A person must not, without a permit, drive or operate on a highway a vehicle combination consisting of a logging truck tractor and pole trailer if the combination has a rear projection from the centre of the last rotatable log bunk to the rear-most part of the vehicle combination or load that exceeds 5.0 m.

#### **Axle groups**

- 7.29** (1) A person must not, without a permit, drive or operate on a highway a vehicle or combination of vehicles which has 2 or 3 consecutive axles in contact with the ground, if those axles are not a tandem or tridem axle, unless the first or last axle is a self steering axle on a trailer.
- (2) A person must not, without a permit, drive or operate a tridem pole trailer or tridem tractor in combination with a jeep or dog logger when the vehicle combination is loaded.
- (3) A person must not, without a permit, drive a logging truck if the truck's interaxle spacing between 2 steering axles exceeds 185 cm.

#### **Logging truck tire loads**

- 7.30** A person must not, without a permit, drive or operate on a highway a logging truck loaded so that the gross weight on a tire exceeds
- (a) 110 kg per 1.0 cm of tire width in the case of pneumatic tires, or
  - (b) 55 kg per 1.0 cm of tire width in the case of metal or solid rubber tires.

### **Maximum axle load and spacing**

- 7.31** (1) A person must not, without an overload permit, drive or operate on a highway
- (a) a loaded logging truck combination, if an axle carries a gross weight in excess of 9 100 kg and the logging truck combination has a group of axles within a spacing of 8 m or less and the group of axles carries the gross weight indicated in column 2 of the table in section 7.17 opposite the distance between the centres of the first and last axle of the group as indicated in column 1 of that table,
  - (b) a 3 vehicle combination of vehicles if
    - (i) the combination consists, in part, of a truck tractor, and
    - (ii) a single steering axle on the truck tractor carries a gross weight in excess of 6 000 kg,unless the combination consists, in part, of a truck or truck tractor that is equipped with a log self-loader, in which case the maximum steering axle load is 9 100 kg,
  - (c) a 3 vehicle combination of vehicles with a gross vehicle weight in excess of 57 000 kg unless
    - (i) the power unit is a truck tractor, and
    - (ii) the kingpin of the first semi-trailer is positioned at, or forward of, a point midway between the centre of the 2 rearmost axles of the truck tractor.
- (2) A person must not, without a permit, drive or operate a logging truck combination which includes a tridem pole trailer if
- (a) a tandem axle exceeds 17 000 kg in weight, or
  - (b) a tridem axle exceeds 25 000 kg in weight.
- (3) A person must not, without a permit, drive or operate on a highway a tridem-drive tractor logging truck unless the vehicle weights and dimensions comply with the description for that vehicle configuration in the Appendices.

**4**     *Appendices A to I are repealed and the attached appendices substituted.*



## APPENDIX A

### Commercial Transport Regulations (CTR)

TABLE I: AXLE SPREAD (Between Extreme Axle Centres)

	Single (Can include tandem)	Tandem	Tridem Drive Axles	Tridem Axles in Trailer
Straight Truck or Truck Tractor (Power unit only, including Logging Trucks)	Max. 1.0 m	Min. 1.0 m Max. 1.85 m	Min. 2.4 m Max. 2.8 m (Max. 3.1 m)*	See Specific Categories
Straight Truck and Pony Trailer Combinations	"	"	"	Min. 2.4 m Max. 2.5 m
Straight Truck and Full Trailer Combinations	"	"	"	Tandem Drive: Min. 2.4 m Max. 3.7 m  Tridem Drive: Min. 2.4 m Max. 3.1 m
Tractor Semi-Trailer Combinations	"	"	"	Tandem Drive: Min. 2.4 m Max. 3.7 m  Tridem Drive: Min. 2.4 m Max. 3.1 m
A-Train	"	"	Not Applicable	Min. 2.4 m Max. 3.7 m
B-Train	"	"	Min. 2.4 m Max. 2.8 m	Tandem Drive: Min. 2.4 m Max. 3.7 m  Tridem Drive: Min. 2.4 m Max. 3.1 m
C-Train	"	"	Not Applicable	Min. 2.4 m Max. 3.7 m
Tridem Tractor with Tridem or Tandem Axle Pole Trailer Combinations	"	"	Min. 2.4 m Max. 2.8 m	Pole Trailer: Min. 2.4 m Max. 3.1 m
Tridem Tractor with Triaxle Pole Trailer Combination	"	"	"	Triaxle Pole Trailer: Refer to CTR Div. 7.17 TABLE

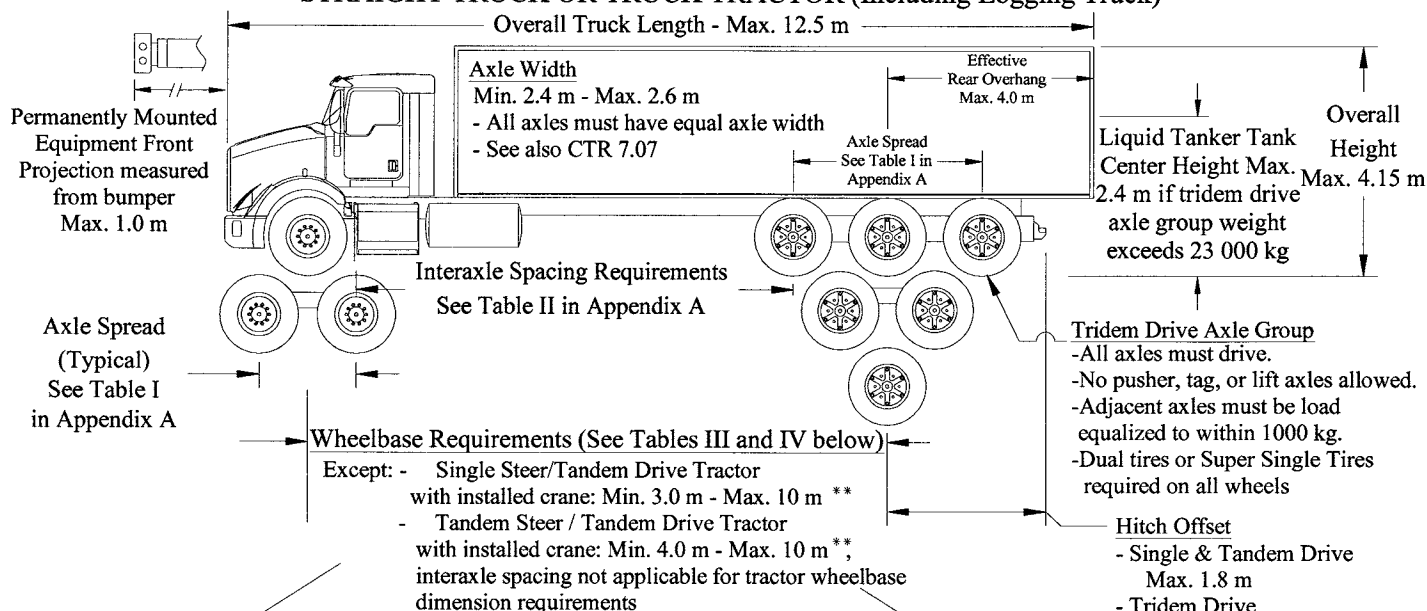
\* oilfield exploration bed trucks only

TABLE II: INTERAXLE SPACING (Min. Distances)

	Single	Tandem	Tridem
Single	3 m	3 m	3 m
Tandem	3 m	5 m	5.5 m
Tridem	3 m	5.5 m	6 m

## APPENDIX B Commercial Transport Regulations (CTR)

### STRAIGHT TRUCK OR TRUCK TRACTOR (Including Logging Truck)



**Table III: SINGLE STEER WHEELBASE**

	Single/Tandem Drive	Tridem Drive
Truck	Not Specified	Min. 6.6 m
Tractor	Min. 3.0 m Max. 6.2 m	Min. 6.6 m Max. 6.8 m
Oil Expl. Bed Truck	Max. 10.0 m	Max. 10.0 m

**Table IV: Tandem Steer/Tridem Drive Comb. Only**

Tridem Drive Axle Spread	Minimum Wheelbase
2.4 m - less than 2.8 m	7.7 m
2.8 m - less than 3.0 m <sup>□</sup>	7.8 m
3.0 m - 3.1 m <sup>□</sup>	7.9 m

<sup>□</sup> Applies to oilfield exploration bed trucks only

#### STEER AXLE WEIGHTS (PME = Permanently Mounted Equipment)

Steer <sup>△</sup>	Drive	Without PME	With PME
Single	Single or Tandem	Max. 9 100 kg (truck) <sup>††</sup> Max. 5 500 kg (truck tractor)	Max. 9 100 kg <sup>††</sup>
		Max. 7 300 kg	
	Tridem	Min. 25% of Tridem Drive Axle Group Weight when loaded <sup>○</sup>	
Tandem	Tandem**	Max. 17 000 kg	Max. 17 000 kg
	Tridem	Max. 13 600 kg Min. 40% of Tridem Drive Axle Group Weight when loaded <sup>○</sup>	Max. 15 200 kg

<sup>△</sup> Steering axle weight is exempted from seasonal axle weight restrictions.

<sup>○</sup> Minimum steering axle weight is not applicable when a logging truck is carrying an unladen pole trailer.

<sup>\*\*</sup> For single or tandem steer / tandem drive tractor with installed crane only, total axle weight subject to CTR 7.17 TABLE limit and tractor tare weight must be greater than 14 000 kg. All cranes must have their centre of gravity located forward of the truck's rear suspension centre.

<sup>††</sup> Includes oilfield exploration bed trucks and logging trucks with log bunks over the drive axle(s)

#### DRIVE AXLE WEIGHTS

Drive	With or Without PME
Single	Max. 9 100 kg
Tandem	Max. 17 000 kg
Tridem	Max. 23 000 kg (Liquid Load)
	Max. 24 000 kg (Fixed Load)
	Max. 24 000 kg (Liquid Load with tank center height less than or equal to 2.4 m)
	Max. 24 000 kg (Tractor)
	Max. 25 500 kg (Log Loads ONLY) *

<sup>†</sup> Drive axle group must be greater than 20% of GCVW

\* The 25 500 kg shown includes the maximum tridem axle weight and the maximum weight allowances for the transportation of logs and poles (Ref. CTR 7.26)

#### Maximum Gross Vehicle Weight (GVW) - 40 700 kg

For logging trucks, maximum axle weights and spacings for all axles must meet the limits shown under CTR 7.17 TABLE

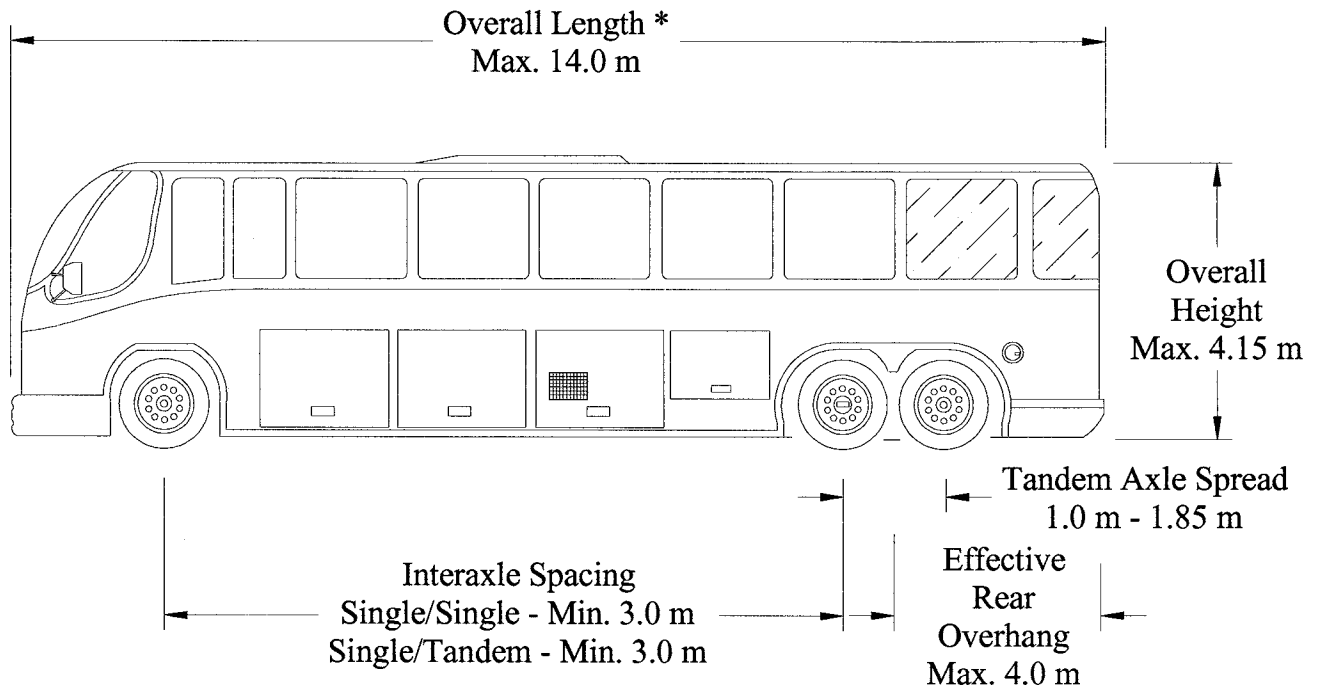
#### Notes:

1. A maximum of 100 kg/cm of tire width is applicable to tires on all vehicle configurations.
2. A maximum of 3 850 kg/Super Single tire and 3 000 kg/tire for all others is applicable to all tires except tires in the steering axle(s).
3. 445 mm tires qualify for 9100 kg for the steering axle only and must meet legal track width requirements. Also see CTR 7.06 (d).
4. The number of drive axle(s) must be equal to or greater than the number of steer axle(s).
5. Single drive axle configuration is permitted for GCVW less than 38 000 kg only.
6. Only tandem drive ready-mixed concrete drum trucks are allowed to be equipped with and deploy a single-axle booster. A maximum of 9 100 kg is allowed on the single-axle booster, provided the interaxle spacing is at a minimum of 3.0 m and 4 adequate-sized tires are used (see Note 2 for single and Super Single tires). If interaxle spacing is less than 3 m, the maximum combined tandem drive axles and the booster axle weight must meet the limits shown under CTR 7.17 Table.

## APPENDIX C

### Commercial Transport Regulations (CTR)

Bus, Motor Home, or Recreation Vehicle



\*Note: If overall length is 12.5 m or greater, a minimum of 3 axles is required.  
Overall length includes bumpers.

Max. 7250 kg

Single axle (single tires) - Max. 6 000 kg  
Single axle (dual tires) - Max. 9 100 kg  
Tandem axle - Max. 17 000 kg

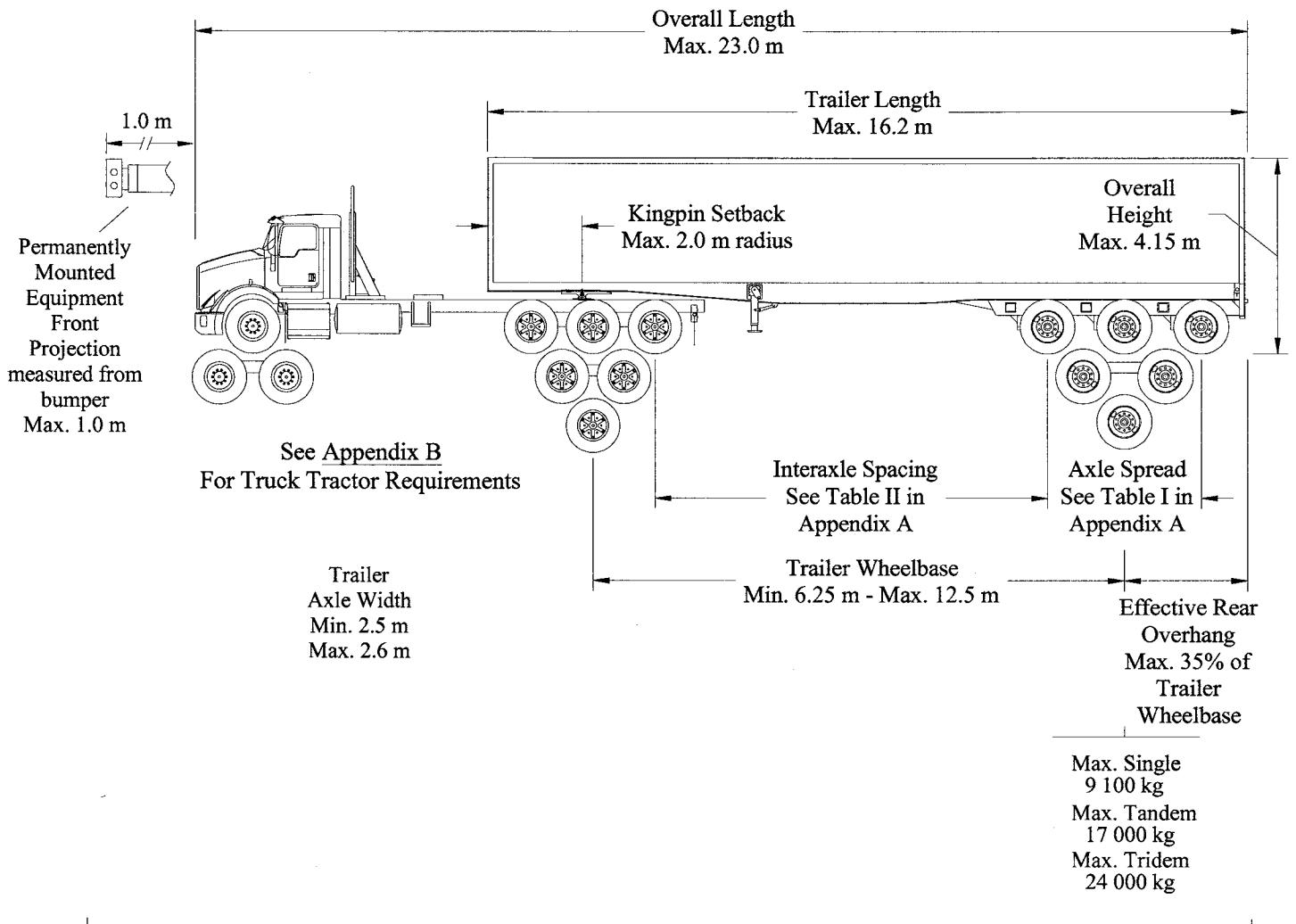
#### Maximum Gross Vehicle Weight

2 axles: Max. 16 350 kg  
3 axles: Max. 24 250 kg

Notes: 1. If there is more than one axle at the rear of the bus, the load carried by the group must be distributed between axles in a ratio corresponding to the number of tires on each axle.

2. A maximum of 100 kg/cm of tire width is applicable to all tires and a maximum 3 850 kg/Super Single tire and 3 000 kg/tire for all others is applicable to all tires except tires in the steering axle(s).

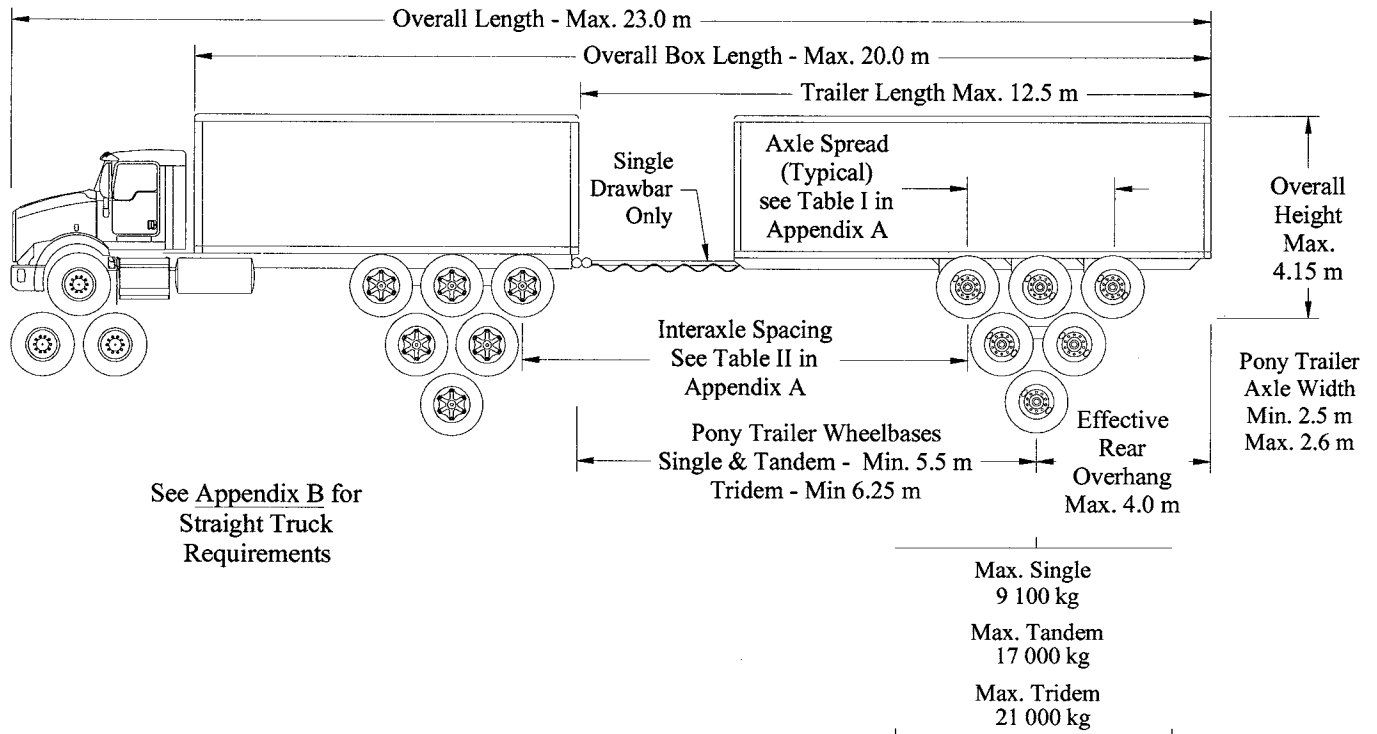
# **APPENDIX D** **Commercial Transport Regulations (CTR)** **TRACTOR SEMI-TRAILER COMBINATION**



**Maximum Gross Combination Vehicle Weight (GCVW) - 57 100 kg (Single Steer with Permanently Mounted Equipment)**

- Notes:
1. A maximum of 3 850 kg/Super Single tire and 3 000 kg/tire for all others is applicable to all tires except tires in the steering axle(s).
  2. A maximum of 100 kg/cm of tire width applicable to all tires
  3. Tandem Steer/Tandem Drive Tractor Tare weights with front projected crane must be greater than 14 000 kg
  4. "Logging truck weight allowances" as indicated in the CTR Section 7.26 are allowed in addition to the axle and gross vehicle weights shown above.
  5. "Logging truck weight allowances" as indicated in CTR 7.26 are not applicable to the tridem drive axle if the tridem-tridem interaxle spacing is less than 7.0 m.

**APPENDIX E**  
**Commercial Transport Regulations (CTR)**  
**STRAIGHT TRUCK AND PONY TRAILER COMBINATION\***



- The pony trailer axle weights are also limited by the number of axles in the truck-pony trailer combination as shown in Table V.
- For logging pony trailers, the max. axle weights and spacings must meet the limits shown under Table V below or CTR 7.17 TABLE, whichever is less.

**Table V: PONY TRAILER WEIGHTS**

Total Number of Axles in the Combination	Single Steer/Single Drive Combination	Single Steer/Tandem Drive Combination	Tandem Steer/Tandem Drive Combination	Single Steer/Tridem Drive Combination	Tandem Steer/Tridem Drive Combination
3	Max. 9 100 kg	-	-	-	-
4	Max. 17 000 kg	Max. 9 100 kg	-	-	-
5	Max. 17 000 kg	Max. 17 000 kg	Max. 9 100 kg	Max. 9 100 kg	-
6	-	Max. 21 000 kg	Max. 17 000 kg	Max. 17 000 kg	Max. 9 100 kg
7	-	-	Max. 21 000 kg	Max. 21 000 kg	Max. 17 000 kg
8	-	-	-	-	Max. 21 000 kg

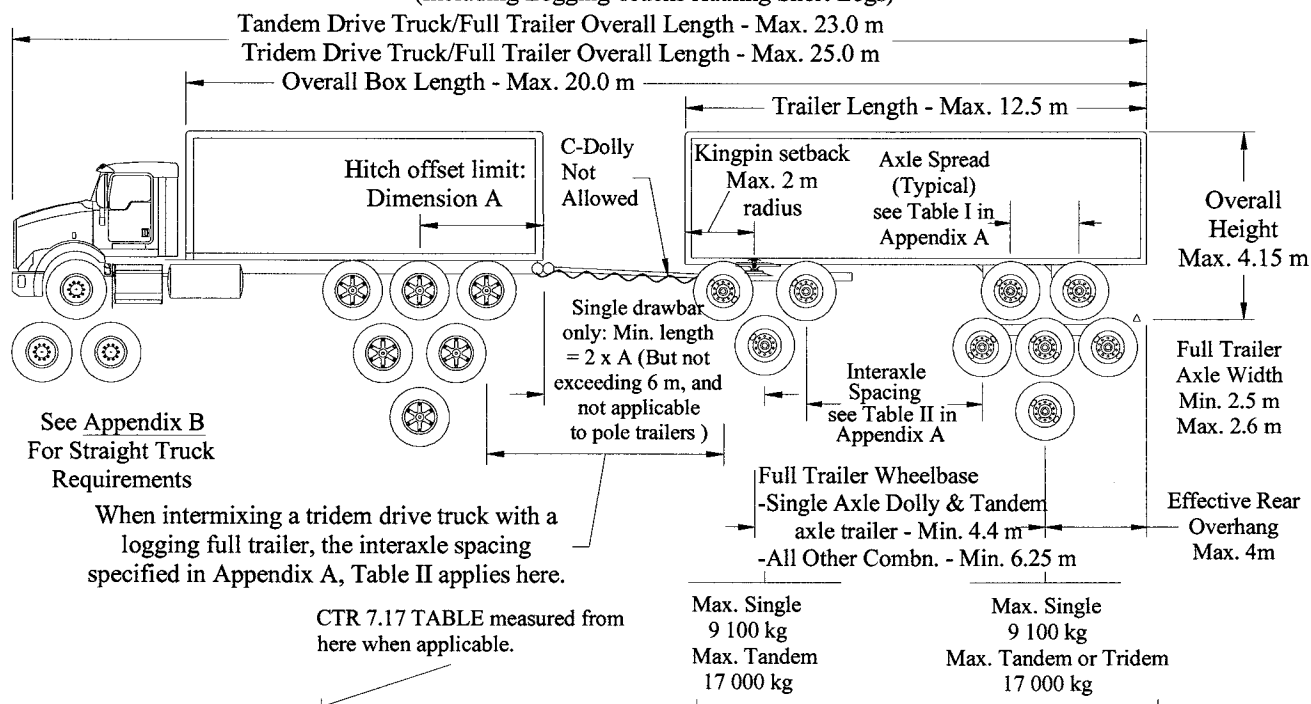
**Maximum Gross Combination Vehicle Weight (GCVW) - 60 200 kg**

- Notes:
1. A maximum of 3 850 kg/Super Single tire and 3 000 kg/tire for all others is applicable to all tires except tires in the steering axle(s).
  2. A maximum of 100 kg/cm of tire width applicable to all tires.

\*Dimensional limits on the pony trailer are not applicable when the pony trailer has a gross vehicle weight rating (GVWR) less than 10 000 kg.

# **APPENDIX F** **Commercial Transport Regulations (CTR)** **STRAIGHT TRUCK AND FULL TRAILER COMBINATION\***

(Including Logging Trucks Hauling Short Logs)



- The sum of the full trailer axle weights is also limited by the number of axles in the truck-full trailer combination as shown in Table VI below.
- For logging full trailers with a single or tandem drive truck, the maximum axle weights and spacings must meet the limits shown under CTR 7.17 TABLE.
- For logging full trailers with a tridem drive truck, the maximum axle weights and spacings must meet the limits shown under Table VI below or CTR 7.17 TABLE, whichever is less.

Table VI: SUM OF FULL TRAILER WEIGHTS <sup>Δ</sup>

Total Number of Axles in the Combination	Single Steer/Single Drive Combination	Single Steer/Tandem Drive Combination	Tandem Steer/Tandem Drive Combination	Single Steer/Tridem Drive Combination	Tandem Steer/Tridem Drive Combination
4	Max. 17 000 kg	-	-	-	-
5	Max. 17 000 kg	Max. 17 000 kg	-	-	-
6	Max. 17 000 kg	Max. 24 000 kg	Max. 17 000 kg	Max. 17 000 kg	-
7	Max. 17 000 kg	Max. 34 000 kg <sup>++</sup>	Max. 24 000 kg	Max. 24 000 kg	Max. 17 000 kg
8	-	Max. 34 000 kg <sup>++</sup>	Max. 34 000 kg <sup>++</sup>	Max. 31 000 kg or 34 000 kg <sup>^^,++</sup>	Max. 24 000 kg
9	-	-	Max. 34 000 kg <sup>++</sup>	Max. 31 000 kg or 34 000 kg <sup>^^,++</sup>	Max. 31 000 kg or 34 000 kg <sup>^^,++</sup>
10	-	-	-	-	Max. 31 000 kg or 34 000 kg <sup>^^,++</sup>

<sup>Δ</sup> Tridem in the trailer will be regarded as tandem axle here.

**Maximum Gross Combination Vehicle Weight (GCVW) - 63 500 kg**

Notes: 1. A maximum of 100 kg/cm of tire width applicable to all tires. A maximum of 3 850 kg/Super Single tire and 3 000 kg/tire for all others is applicable to all tires except tires in the steering axle(s).

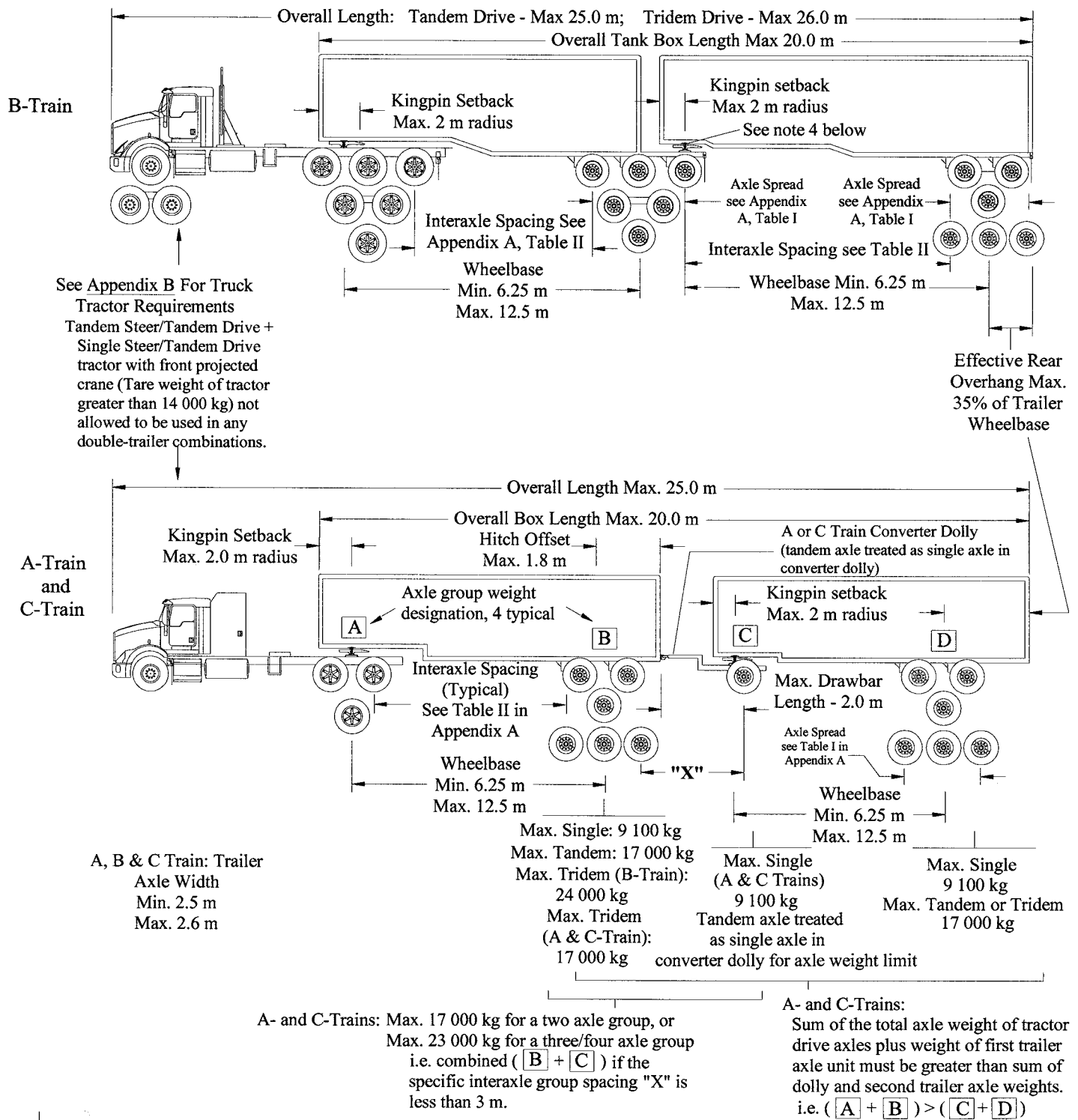
\* Dimensional limits of the full trailer not applicable when the full trailer has a gross vehicle weight rating (GVWR) less than 10 000 kg.

<sup>++</sup> The maximum allowable weight of 34 000 kg includes weight allowances made under CTR 7.26. After December 31, 2010, the max allowable weight will be reduced from 34 000 kg to 31 000 kg. However, weight allowances made under CTR 7.26 will be allowed in addition to 31 000 kg after December 31, 2010 and for quadaxle trailers with track width between 2.5-2.6 m only.

<sup>^^</sup> Maximum 31 000 kg for quadaxle trailer track width less than 2.5 m, maximum 34 000 kg for quadaxle trailer track width between 2.5m and 2.6m.

## APPENDIX G

### Commercial Transport Regulations (CTR)



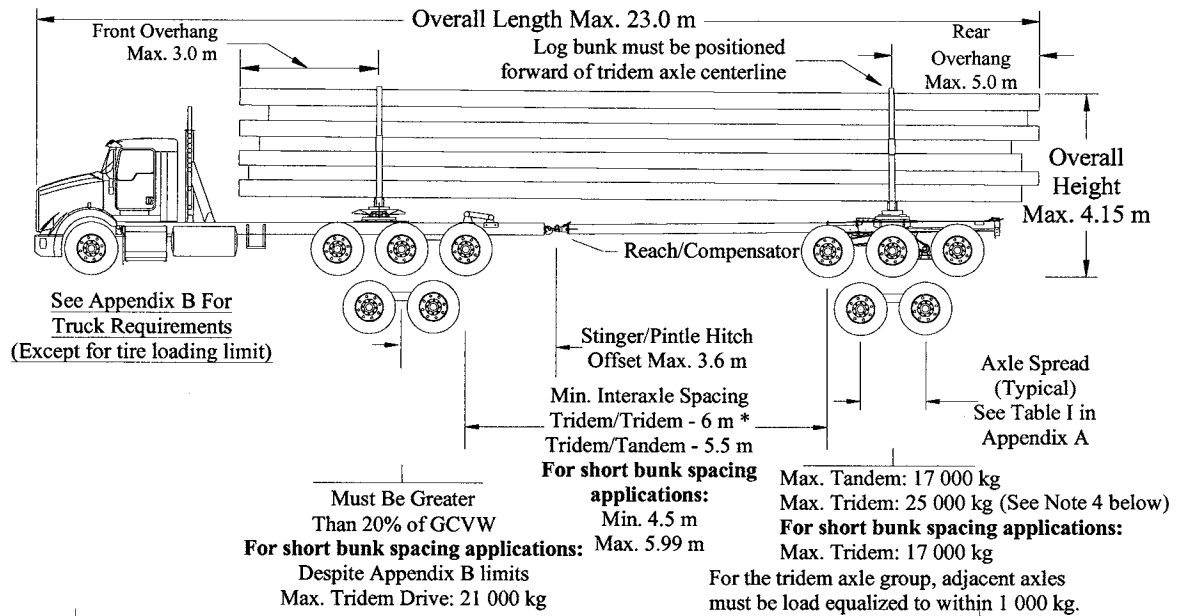
#### Maximum Gross Combination Vehicle Weight (GCVW)

A-Train: Max. 53 500 kg    B-Train: Max. 63 500 kg    C-Train: Max. 60 500 kg  
A, B & C Trains Max. GCVW 38 000 kg for combinations with a single drive axle.

- Notes: 1. A maximum of 100 kg/cm tire width applicable to all tires.
2. A maximum of 3 850 kg/Super Single tire and 3 000 kg/tire for all others is applicable to all tires except the tires in the steering axle(s).
3. Tridem drive tractor not allowed to be used in A and C Train combinations.
4. B-Train's 2nd Fifth wheel must be placed within the first semi-trailer axle spread or up to 0.3 m behind the rearmost axle of the first semi-trailer. For single axle semi-trailers, the second fifth wheel must be placed within 0.3 m in front or behind the single axle of the first semi-trailer.

## APPENDIX H Commercial Transport Regulations (CTR)

### TANDEM OR TRIDEM DRIVE TRUCK/TRIDEM OR TANDEM AXLE POLE TRAILER COMBINATIONS



#### Maximum Gross Combination Vehicle Weight (GCVW)

Max. 55 300 kg for 7 axle combination

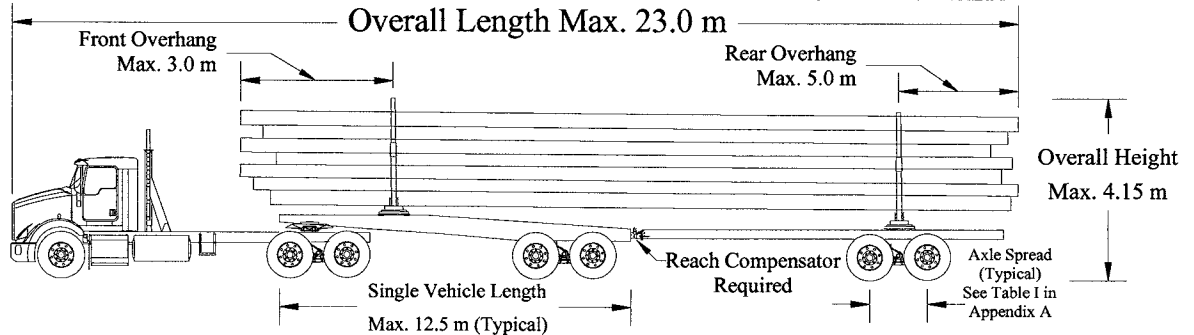
Max. 57 100 kg for 7 axle combination (self-loader - Permanently Mounted Equipment)

### TANDEM DRIVE TRACTOR / TANDEM JEEP / TANDEM POLE TRAILER

Overall Length Max. 23.0 m

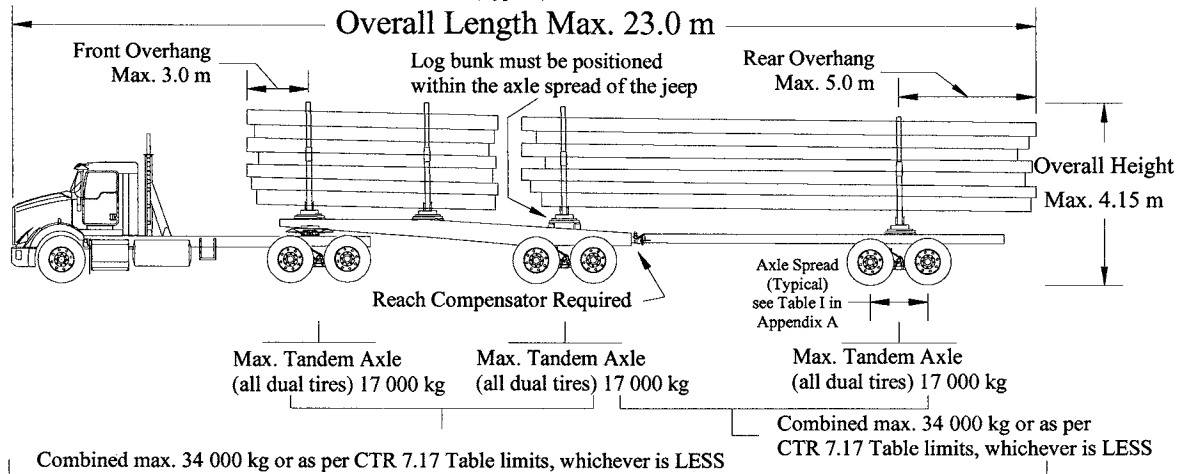
Tandem Drive Tractor /  
Jeep / Pole Trailer (Long  
Logs) Combination

See Appendix B for Truck  
Tractor Requirements  
(Except for tire loading limit)



Tandem Drive Tractor /  
Jeep / Pole Trailer (Short  
Logs) Combination

See Appendix B for Truck  
Tractor Requirements  
(Except for tire loading limit)



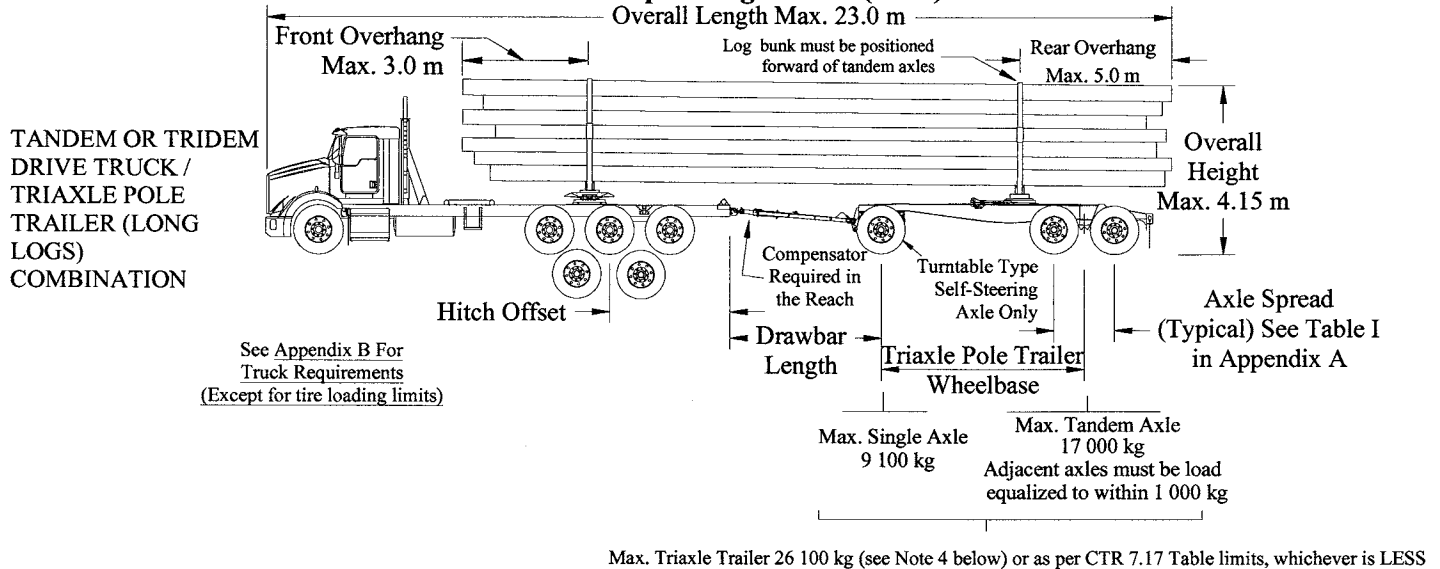
#### Maximum Gross Combination Vehicle Weight (GCVW): 60 100 kg

- Notes:
1. "Logging truck weight allowances" as indicated in the CTR 7.26 are allowed in addition to the axle and gross vehicle weights shown above (including short bunk spacing applications).
  2. Tire loading limit of a maximum 110 kg/cm of tire width is applicable to all tires.
  3. A maximum of 3 850 kg/Super Single tire and 3 000 kg/tire for all others is applicable to all tires except for tires in the steering axle.
  - \* Logging truck weight allowances as per CTR 7.26 are not applicable to the tridem drive axle if the tridem-tridem interaxle spacing is less than 7.0 m
  4. The maximum allowable axle weight in the tridem pole trailer will be reduced from 25 000 kg to 24 000 kg effective after Dec. 31, 2009.



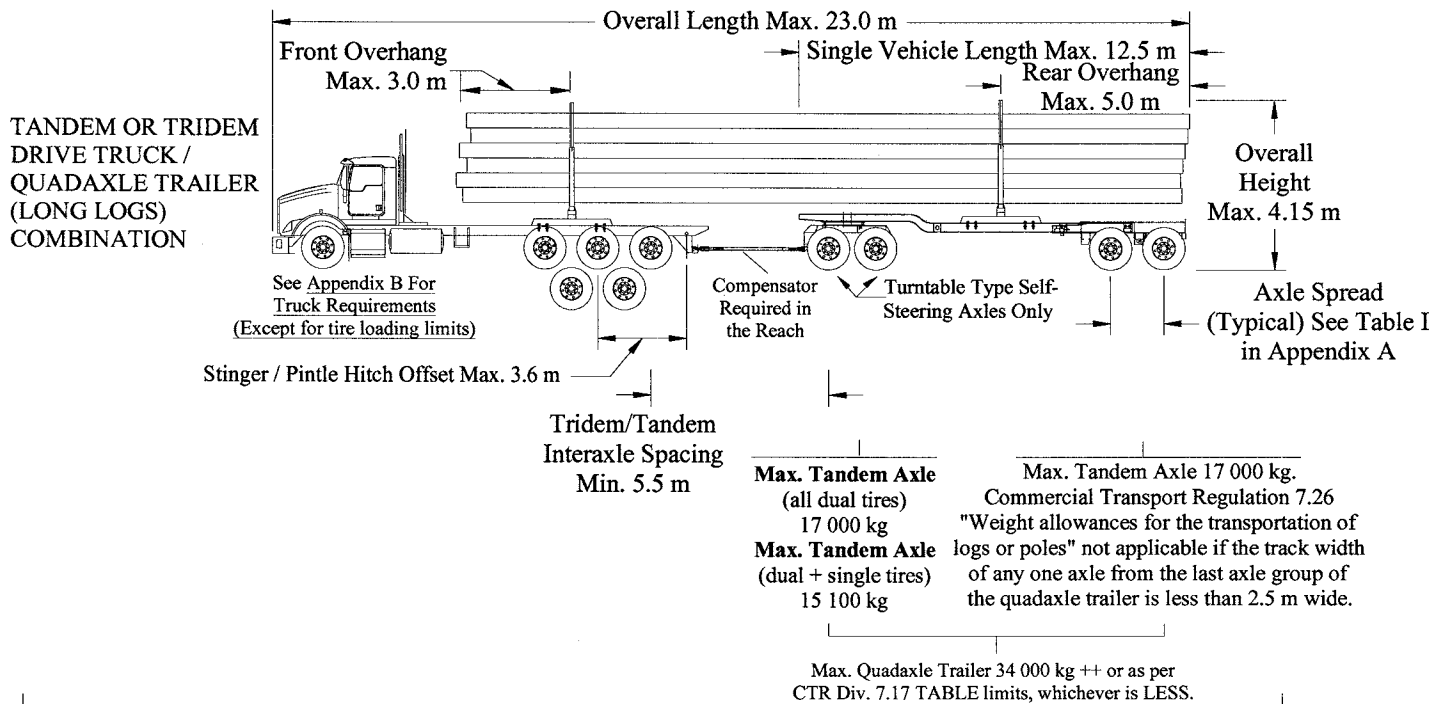
## APPENDIX I

### Commercial Transport Regulations (CTR)



### Maximum Gross Combination Vehicle Weight (GCVW)

Max. 55 300 kg for 7 axle combination  
Max. 59 200 kg for 7 axle combination (self-loader)



### Maximum Gross Combination Vehicle Weight (GCVW)

Triaxle (7 axle combination) : Max. 55 300 kg      Quadaxle (8 axle combination): Max. 63 500 kg  
Triaxle (7 axle combination with Self-Loader) : Max. 59 200 kg      Quadaxle (8 axle combination with Self-Loader): 63 500 kg

- Notes: 1. "Logging truck weight allowances" as indicated in the CTR section 7.26 are allowed in addition to the axle and gross vehicle weights shown above, except as noted for the last axle group in the quadaxle trailer.
2. Tire loading limit of a maximum 110 kg/cm of tire width is applicable to all tires.
3. A maximum of 3 850 kg/Super Single tire and 3 000 kg/tire for all others is applicable to all tires except for tires in the steering axle.
4. The maximum allowable axle weight in the triaxle pole trailer will be reduced from 26 100 kg to 24 000 kg effective after Dec. 31, 2009.
- ++ The maximum allowable weight of 34 000 kg includes weight allowances made under CTR 7.26.
- After December 31, 2010, the max allowable weight will be reduced from 34 000 kg to 31 000 kg. However, weight allowances made under CTR 7.26 will be allowed in addition to 31 000 kg after December 31, 2010 and for quadaxle trailers with track width between 2.5m and 2.6m only.