

Attached Equipment Exemption Conditions for a 10 Axle B-Train

Version 5.0 – Last modified: September 30, 2021

If a permit has been issued pursuant to Section 62 of the *Traffic Safety Act* authorizing the movement of logging trucks, any and all of the following conditions shall apply in addition to any other conditions specified on the permit.

The weights allowed by this permit apply to a 10 Axle B-Train as shown in the following picture.



General Conditions of Permit

- 1. This permit is valid for all 10 Axle B-Trains registered to the permit holder.
- 2. A validated '10 Axle B-Train' map showing the destination mills must be used with this permit for the weights and/or dimensions listed to apply.
- 3. This permit allows for the transport of logs from a forest cut-block, crown land or a salvage location at dimensions and weights exceeding regulated dimensions and weights provided an addendum is used with the coloured map if the highway and location are not indicated on the coloured map.
- 4. Map and permit are only valid if hauling for or on behalf of the mill identified as the owner of the map.
- 5. A validated '10 Axle B-Train' map showing the destination mills to which the logs are being transported must be presented at the request of a peace officer for the noted weights / dimensions to apply. Electronic versions of the maps are not acceptable.
- 6. If a validated '10 Axle B-Train' map is not used with this permit
 - permit is not valid
 - weights and dimensions apply as regulated under <u>Commercial Vehicle Dimension and Weight</u> Regulation.
- 7. This permit allows the direct travel from cut-block to mill, mill to mill, cut-block to storage site, or storage site to mill:
 - including government roadside pullouts or rest areas and government weigh scale sites, but <u>not</u> <u>including</u> service roads or private facilities unless the private facilities are designated on the map as wrapper check sites.
 - if any exits are made from the highways shown on the map, then weights and dimensions apply as regulated under the <u>Commercial Vehicle Dimension and Weight Regulation</u>.
- 8. Vehicle must be registered for a minimum weight of 63,500 kg.
- 9. A monthly license (MOLICLOG) permit is required to increase the registered weight of the vehicle if operating at weights exceeding 63,500 kg.
 - (a) Minimum monthly license permit weight: 78,300 kg
- 10. The tractor shall have a horse power (HP) to GVW ratio of not less than 1 HP for every 160 kg of GVW
- 11. Municipal approval must be obtained prior to travel on local roads under the direction, control and management of the municipality when weights exceed regulated limits.
- 12. This permit does not allow the vehicle to cross bridges at weights exceeding the posted capacity limits.
- 13. This permit does not allow travel on a road at weights exceeding the posted road ban limits.
- 14. Empty log trucks must report to a Vehicle Inspection Station or Mobile Inspection Station when lights are on.

Dimensions

1. This permit allows increased dimensions unless stated otherwise on the validated map to a maximum:

(a)	overall length when loaded	30.50 metres
(b)	box length	23.00 metres
(c)	overall width	3.20 metres
(d)	height of the vehicle or load	4.80 metres
(e)	height of a log picker	5.30 metres
(f)	overhang when loaded	as noted below
(a)	trailer track width	3.05 metres

2. Brow logs, bunks and all bunk support systems such as rings and cables are included in the overall width of the vehicle.

10b Classification: Public



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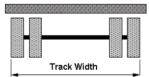
- 3. Brow logs which do not extend more than 10 centimetres beyond each side of the outside of the bunk are excluded when determining equipment requirements. If brow log extends beyond the outside of the bunk by more than 10 centimetres, the vehicle must be equipped as regulated under Section 15 Commercial Vehicle Dimension and Weight Regulation.
- 4. Each trailer may carry one or more stacks of logs
- 5. Front Overhang
 - 3.0 metres measured from the kingpin of the trailer to the end of the forward most log
- 5. Rear Overhang
 - the logs cannot extend past the end of the lead trailer
 - the logs cannot extend past the end of the rear trailer deck by a distance of more than 1/3 the length of the longest log
- 6. <u>Commercial Vehicle Dimension and Weight Regulation</u> applies to all other dimensions unless an allowance is noted for a specific dimension on the permit or attached condition(s).

Weights on Designated Highways

- 1. The steering axle weight shall not exceed the weight allowed by <u>Commercial Vehicle Dimension and Weight</u>
 Regulation
- 2. Require minimum 3.05 metre bunk width on both trailers if hauling more than one stack of logs on either trailer
- 3. Trailers built **on or before October 31, 2013** allowed a minimum track width of 2.74 metres if hauling more than one stack of logs on either trailer.
- 4. To qualify for weights exceeding 65,000 kg, all trailers used in a 10 Axle B-Train configuration manufactured after October 31, 2013 require a minimum track width of 2.9 metres.

Rear View of Trailer

Track Width: Means the width of an axle across the outside faces of the tires measured at any point above the lowest point of the rim.



The colour of the highway or highway section on the map allows the weights as listed below:

Green and Blue: 23,000 kg/tridem drive axle

24,000 kg/tridem trailer axle

78,300 kg GVW

Yellow: 23.000 kg/tridem drive axle

24,000 kg/tridem trailer axle

71,300 kg GVW

Red: <u>No winter weights</u>. Weights as regulated under <u>Commercial Vehicle Dimension and</u>

Weight Regulation

Brown: Private, bush and License of Occupation Roads (LOC). Check with owner for allowable

weights.

Black: Non log haul approved roads. Permit is not valid on Black coloured highways.

Weights and dimensions apply as regulated under Commercial Vehicle Dimension and

Weight Regulation

Bunks

- 1. Bunk stakes constructed from material other than steel are acceptable provided:
 - (a) The bunk stake has been properly designed and constructed to contain the load.
 - (b) Proper maintenance / inspection procedures are in place to confirm the structural integrity of the bunk stake and bunk stake connections to the vehicle.
- 2. This permit covers the movement of empty log bunks point to point in Alberta provided:
 - (a) The overall width including bunk support systems such as rings and cables does not exceed 3.2 metres.
- 3. This permits exempts the empty vehicle from the requirement of displaying a dimensional sign, provided:
 - (a) The headache rack lights are on at night.

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4. Empty log bunks of a trailer or jeep loaded on the truck shall not exceed a height of 5.1 metres.

Headache Rack Light Position

When operating under this permit, cab height means the uppermost part of the driver compartment not including aerodynamic accessories.

The Vehicle Equipment Regulation Section 105 states:

"Despite Section 16, a commercial vehicle carrying a load of logs that overhangs the rear of the vehicle by 1.5 metres or more must have

(a) a set of two-way headache rack lights mounted on the power unit at approximately cab height"

Rated Capacity of Equipment

- 1. The operation of the listed public vehicle is subject to the Occupational Health & Safety Code Part 2 and Part 34 Section 524(3) under the Occupational Health and Safety Act.
- 2. In the event of a conflict between the general condition of this permit referencing rated capacity, and the requirements of the Occupational Health & Safety Code (including any acceptance granted under the Regulation), the requirements of the Occupational Health and Safety Regulation will take precedence.

Collision Review

- 1. The Permit Holder must investigate and document the findings of every traffic accident involving a vehicle registered to the Permit Holder for more than 4,500 kilograms or a passenger vehicle originally designed to transport 11 or more persons, including the driver, that resulted in:
 - (a) the death of a person;
 - (b) an injury requiring treatment by a medical doctor;
 - (c) a condition that causes an employee to lose consciousness; or
 - (d) damage to all property, including cargo, totaling \$2,000 or more.
- 2. Those collisions found to have occurred while operating under this Permit must be evaluated to determine if the collision was preventable on the part of the Permit Holder and/or their driver(s).
 - (a) Each evaluation must use the criteria established by the National Safety Council (www.nsc.org)
 - (b) Each evaluation and follow-up action(s) taken must be fully documented and retained by the Permit Holder for at least the current year and the following 4 years.
 - (c) Any collision considered non-preventable may be submitted to Alberta Transportation for verification (see www.transportation.alberta.ca/656.htm).
 - (i) Verified non-preventable collisions will not be used to help determine the carrier's risk associated with operation under this permit.

Cancellation of Permit

The Director of Permitting and Approvals, Alberta Transportation may cancel this permit for failure to comply with any of the provisions or conditions stated on the permit or for general poor regulatory compliance.

10b Classification: Public