

If a permit has been issued pursuant to Section 62 of the Traffic Safety Act authorizing the movement of Long Combination Vehicles (LCV's), any and all of the following conditions shall apply in addition to any other conditions specified on the permit.

A. General Provisions

1. That the company and/or permittee shall, upon request of any authorized employee of Alberta Transportation or any peace officer, allow and assist such employee or peace officer to make any inspection, test, examination or inquiry as such member may wish to make in regard to the operation of these trailer combinations.
2. That the company shall abide by the routes, vehicle dimensions, equipment and conditions specified on, attached to or referred to by the permits as well as all applicable legislation unless specifically exempted on the permit or permit attachments.
3. That the company shall carry a copy of the appropriate permit in each power unit.
4. That, upon request, the company will supply to Transport Engineering Branch, Alberta Transportation, any reasonable statistics related to LCV operations.
5. That the company will submit to Alberta Transportation a Collision Investigation Report Form for any reportable collision involving an LCV within one week of the date of occurrence.
6. That the company ensure, and be able to provide proof, that their drivers and driver trainers meet and maintain the requirements outlined in the Alberta Motor Transport Association's "Longer Combination Vehicle Driver's and/or Instructors Manual".
7. That the carrier is responsible to issue an annual LCV Driver's Certificate. The Driver's Certificate is valid for a period of 12 months after the date of issue and must be in the possession of the driver at all times when operating an LCV. Prior to issuing an LCV Driver's Certificate, the carrier must ensure the driver meets the following qualifications:
 - (a) Holds a valid Class 1 driver's license or equivalent.
 - (b) Has a minimum of 24 months or 150,000 km of driving experience with articulated vehicles.
 - (c) Has passed a Professional Driver Improvement Course within the past 48 months.
 - (d) Has passed the Alberta Motor Transport Association's "Longer Combination Vehicles Driver Training Course", or equivalent.
 - (e) The driver's abstract, dated not more than one month prior to the issue date of the Drivers Certificate, must show no driving-related criminal code convictions in the prior 36 months; no more than 2 moving violations in the prior 12 months; and no more than 3 moving violations in the prior 36 months. The date of conviction and the current date will be the dates used to determine time periods.
 - (f) In the past 12 months the driver has been instructed on all current regulations, permit conditions and issues covering the operation of LCV's.
8. A driver-in-training who meets the requirements of 7(a), (b), (e), and (f), may operate a long combination vehicle, while accompanied by a driver who holds a valid LCV Driver's Certificate.
9. Upon request, the company must be able to produce all documents to support the driver's qualifications.
10. Driver's Certificates issued by other jurisdictions, which meet or exceed the Alberta requirements, will be accepted as valid for the term of this agreement.

B. Instructor Qualifications

1. The Instructor must be certified as a Driver Trainer in their home jurisdiction and be qualified to instruct the Alberta Motor Transport Association's "Longer Combination Vehicle Driver Training Course."

C. Equipment Requirements

1. All trucks must feature a maximum gross weight to power ratio of 160 kg per horsepower (120 kg/kW).
2. A trailer converter dolly, which is not equipped with an anti-lock braking system (ABS), when being operated on a highway without carrying a trailer, may have its service brake system disabled to prevent wheel lock-up.
3. The rear axle group of the power unit and all axle groups of the trailers and converters must be equipped with mud flaps or splash guards that are constructed to ensure that they remain in a rigid downward position at all times. All mud flaps or splash guards shall be mounted behind the wheels at a distance not exceeding 25.0 cm to the rear of the wheels.
4. The trailers of the combination shall be joined together by means of no-slack pintle hook(s), equipped with an air or hydraulic ram. The no-slack ram is to be incorporated in either the pintle hook or the pintle hook eye of the coupling apparatus.
5. The maximum weight limits for carrying axles fitted with two wide based single tires, each of which has a width of 445 mm or greater, are:
 - 7,700 kg for single axles, and
 - 15,400 kg for tandem axle groups.

D. Operational Requirements

1. Any breakup or makeup of extended length combination units must be done off public roadways on private property or as directed by an authorized Alberta Transportation staff member or peace officer.
2. The vehicles in a combination shall be so loaded and coupled together as to ensure that any such combination travelling on a level, smooth, paved surface will follow in the path of the towing vehicle without shifting, swerving, or swaying from side to side over 10 cm to each side of the path of the towing vehicle when it is moving in a straight line.
3. Drivers shall avoid crossing opposing lanes of traffic unless absolutely necessary.
4. Maximum speed shall be the lesser of 100 km/h or the posted speed limit.
5. This permit cannot be combined with any other permit for overwidth, overheight, overhang, or overweight.

E. Adverse Weather

1. For multi lane highways:
 - (a) LCV's shall not cross oncoming lanes where visibility does not allow it to be done safely.
 - (b) Where there is accumulated snow on the highway or when the highway is icy, LCV's shall not pass any other vehicle unless that vehicle is traveling at a speed of less than 70 km/hr.
 - (c) Where a highway becomes impassible due to icy or slippery conditions, LCV's will obey all advisories posted by the authority of Alberta Transportation.

2. For two lane highways, LCV's shall not operate during adverse weather or driving conditions (including but not limited to rain, snow, sleet, ice, smoke, fog or other conditions) which:
 - (a) Obscure or impede the driver's ability to drive in a safe manner, or
 - (b) Prevent the driver from driving with reasonable consideration for the safety of persons using the highway.
 - (c) The company is required to make a reasonable effort to determine the driving conditions on the route. Vehicles must not be dispatched when adverse conditions are known to be present on the route. Drivers encountering unexpected adverse conditions must stop at the next safe location (or as directed by an authorized Alberta Transportation staff member or a peace officer) and wait for the adverse conditions to abate.

F. Special Holidays

1. "Special holiday" means Good Friday, Victoria Day, Canada Day, August Civic Holiday, Labour Day, Thanksgiving Day, and Remembrance Day.

G. Hours of Operation

Operation will be allowed 24 hours per day except in the following cases:

1. On all Highways, movement will not be allowed
 - (a) after 4:00pm on December 24 and December 31,
 - (b) at anytime on December 25,
2. On Two-lane Highways
 - (a) For weekends with no special holiday on the Friday or the Monday, movement will not be allowed from 4:00pm to 8:00pm on Friday and from 4:00pm to 8:00pm on Sunday.
 - (b) For a long weekend when a special holiday falls on a Friday, movement will not be allowed from 4:00pm to 8:00pm on the preceding Thursday and from 4:00pm to 8:00pm on Sunday.
 - (c) For a long weekend when a special holiday falls on a Monday, movement will not be allowed from 4:00pm to 8:00pm Friday and from 4:00pm to 8:00pm on the Monday.
 - (d) Sunday and Monday restrictions from 4:00pm to 8:00pm in 2(a), (b) and (c) do not apply to highway 43 between Valleyview and Crooked Creek.
 - (e) NOTE: 2(a), (b), and (c) above do not apply to Highway 35.

- (f) In addition to sections (a), (b), and (c), movement will not be allowed on individual two-lane highways as follows:

<u>Highway</u>	<u>Location</u>	<u>Hours</u>	<u>Days</u>
28	Jct. 28A to Jct. 63	4:00pm to 7:00pm	Mon – Sat
28A	Edmonton to Jct. 28	4:00pm to 7:00pm	Mon – Sat

- From the Friday before the Victoria Day Weekend (May) to the Tuesday following the Labour Day Weekend (September):

<u>Highway</u>	<u>Location</u>	<u>Hours</u>	<u>Days</u>
15	Edmonton to Jct. 21	7:00am to 11:00pm	Mon – Fri
		7:00am to 11:00pm	Saturday
		10:00am to 10:00pm	Sunday
3	AB/BC border to Jct. 22	12:00 to 5:00pm	Fri & Sat
22	Jct. 1 to Jct. 1A	1:00pm to 3:00pm	Saturday
		1:00pm to 8:00pm	Sunday

- From the Tuesday following the Labour Day Weekend (September) to the Thursday before the Victoria Day Weekend (May):

<u>Highway</u>	<u>Location</u>	<u>Hours</u>	<u>Days</u>
15	Edmonton to Jct. 21	8:00am to 7:00pm	Mon - Fri
		10:00am to 7:00pm	Saturday
		12:00pm to 7:00pm	Sunday

H. Turnpike Double and Triple Trailer Routes

- All multi-lane highways with four or more driving lanes
- Hwy. 1A from the Calgary City Limits east to Jct. Hwy. #1
- Hwy. 11A from Hwy. 2 east to Gaetz Avenue, Red Deer

I. Routes in Urban Centers

- Where travel is within a city, the city will designate the routes and conditions for the operation of the long combination vehicle.

J. Exemptions for Length

- Aerodynamic devices that extend no more than 0.6 metres beyond the rear of the trailer, and heavy duty bumpers and devices designed to reduce the impacts of wildlife collisions that do not extend more than 0.30 metres beyond the front of a truck tractor are excluded from the measurement of overall length.

K. Extended Length Double and Rocky Mountain Double Routes

1. All multi-lane highways with four or more driving lanes
2. The following two lane highways:

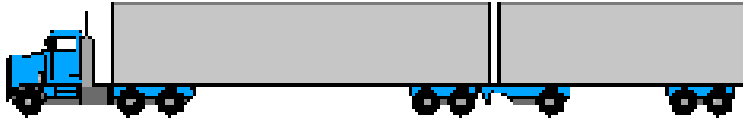
Highway	Section	Highway	Section
1A	Calgary to Jct. 22	22	Jct. 8 to Jct. 1
	Jct. 1 (Chestermere) to Calgary		Jct. 1 to Jct. 1A
2	USA boundary to Jct. 5	22X	Calgary to Jct. 24
	Jct. 5 to Jct. 3	23	Jct. 2 to Jct. 3
	Jct. 642 to Jct. 18	28	Jct. 28A to Jct. 63
	Jct. 49 (West of Donnelly) to Jct. 43 (North of Grande Prairie)		Jct. 63 to Jct. 36
2A	Jct. 2 (Leduc) to Jct. 2 (near Morningside)	28A	Edmonton to Jct. 28
	3	35	Jct. 2 to NWT border
Jct. 1 to Jct. 9			
5	All	36	Jct. 14 to Jct. 16
8	Jct. 2 to Lethbridge		Jct. 28 to Lac La Biche
9	Calgary to Jct. 22	39	Jct. 2 to Calmar
9	Jct. 36 to Saskatchewan	43	Valleyview to Crooked Creek Wembley to BC border
	Jct. 1 to Drumheller		Jct. 16 to Westlock
11A	Jct. 2 to Gaetz Avenue (Red Deer)	49	Jct. 43 (Valleyview) to Jct. 2 (West of Donnelly)
	Jct. 2 to Veteran		Jct. 2 (near Rycroft) to McLennan
13	Jct. 2A to Camrose	52	Jct. 5 to Raymond
14	Edmonton to Sask. border	53	Jct. 2A (Ponoka) to Jct 20
15	Edmonton to Jct. 45 (South of Bruderheim)	55	Jct. 63 to Athabasca
16	West of Hinton to East Jasper Park Gates	63	Jct. 28 to Ft. McMurray
17	Jct. 14 South to the Sask. border	69	Jct. 63 to South Industrial Park
18	Jct. 2 to Westlock		in Ft. McMurray
20	Jct. 53 to Rimbey	901	Jct. 22X to Jct. 1
21	Jct. 12 to Jct. 13		

Or additional routes as may be indicated on the permit

L. LCV Travel off of Designated Highways

1. Except where prohibited in section 2, the following roads are eligible for travel by LCV's:
 - (a) Roads giving access to a municipal industrial park from a designated highway, for a distance of not more than two kilometres.
 - (b) Roads giving access to a city, town, or village from a designated highway, for a distance of not more than 500 metres.
 - (c) Roads within a city, town, village, or a municipal industrial park, where designated safe to do so by the municipality.
 - (d) Highway 2A emergency detour route between junctions 27 and 72 including any junctions in between when directed by any peace officer.
2. Notwithstanding the exemption to travel off the designated highways, the following roadway sections are not eligible for travel by LCV's:
 - (a) Highway 2A north of Innisfail.

M. Specific Conditions for Rocky Mountain Doubles



The following lists specific requirements for the equipment. Dimensions or weights, where not specifically listed, shall conform to the Alberta Commercial Vehicle Dimension and Weight Regulation (AR 315/2002) for A, B or C trains.

PARAMETER	LIMIT	LIMIT	LIMIT
	A Train	B Train	C Train
Overall Length ***	Max 31 m ***	Max 31 m ***	Max 31 m ***
Trailer One			
Length (box length)	Min 12.2 m	Min 12.2 m	Min 12.2 m
Wheelbase	Max 14.0 m	Max 14.0 m	Max 14.0 m
Hitch Offset*:			
Trailer length 12.2 - 13.7 m	Max 1.8 m	n/a	Max 1.8 m
Trailer length > 13.7 m	Max 2.8 m	n/a	Max 2.8 m
Converter Dolly			
Drawbar Length	Max 4.65 m	n/a	Max 2.0 m**
Max Number of Axles	2	n/a	1
Trailer Two – legal dimensions			
Overall Gross Vehicle Weight	Max 53,500 kg	Max 63,500 kg	Max 60,500 kg

Note 1: In all cases, the lead semi-trailer of the configuration must be heavier than the second trailer or semi-trailer.

Note 2: An empty converter dolly may be towed behind the combination so long as the overall length does not exceed the limits stated on this page, and the dolly is equipped with all legally required lights and equipment.

Trailer two may be used as the lead semi-trailer providing the following conditions are met:

- trailer two is heavier than trailer one and
- only "B" or "C" converters will be allowed on any approved two lane highway.
- "A" converters will be allowed on all turnpike/triple trailer routes.

* Tridem axle groups, because of the hitch offset requirements, are very difficult to fit into A and C train lead trailers less than 13.7 metres in length. Note that hitch offset is generally not a concern on B trains and tridem axle groups are easily accommodated.

** The 2.0 metre maximum drawbar length is applicable to "C" converters manufactured in 1993 or later, in accord with the compliance requirements to the CMVSS under the Motor Vehicle Safety Act, Canada

*** The maximum overall length for travel on multi lane highways with four or more driving lanes is 38.0 metres. The standard 31.0 metre length limit applies to all other routes.

N. Specific Conditions for Extended Length Doubles

The following lists specific requirements for the equipment. Dimensions or weights, where not specifically listed, shall conform to the Alberta Commercial Vehicle Dimension and Weight Regulation (AR 315/2002) for A, B or C trains.

PARAMETER	LIMIT	LIMIT	LIMIT
	A Train	B Train	C Train
Overall Length ***	Max 31 m ***	Max 31 m ***	Max 31 m ***
Trailer One			
Length (box length)	Min 10.0 m	Min 10.0 m	Min 10.0 m
Hitch Offset*:	Max 1.8 m	n/a	Max 1.8 m
Converter Dolly			
Drawbar Length	Max 4.65 m	n/a	Max 2.0 m**
Max Number of Axles	2	n/a	1
Trailer Two –			
Length (box length)	Min 10.0 m	Min 10.0 m	Min 10.0 m
Overall Gross Vehicle Weight	Max 53,500 kg	Max 63,500 kg	Max 60,500 kg

Note 1: In all cases, the lead semi-trailer of the configuration must be heavier than the second trailer or semi-trailer.

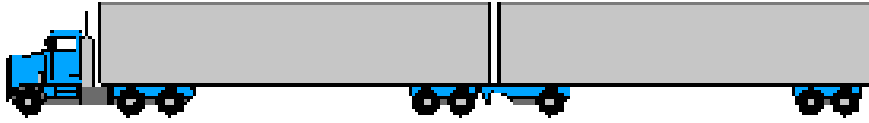
Note 2: An empty converter dolly may be towed behind the combination so long as the overall length does not exceed 31.0 meters and the dolly is equipped with all legally required lights and equipment.

* Tridem axle groups, because of the hitch offset requirements, are very difficult to fit into A and C train lead trailers less than 13.7 metres in length. Note that hitch offset is generally not a concern on B trains and tridem axle groups are easily accommodated.

** The 2.0 metre maximum drawbar length is applicable to "C" converters manufactured in 1993 or later, in accord with the compliance requirements to the CMVSS under the Motor Vehicle Safety Act, Canada

*** The maximum overall length for travel on multi lane highways is 38.0 metres.

O. Specific Conditions for Turnpike Doubles



The following lists specific requirements for the equipment. Dimensions or weights, where not specifically listed, shall conform to the Alberta Commercial Vehicle Dimension and Weight Regulation (AR 315/2002) for A, B or C trains.

PARAMETER	LIMIT		
	A Train	B Train	C Train
Overall Length	Max 40 m	Max 40 m	Max 40 m
Lead Semi-trailer			
Length (box length)	Min 12.2 m	Min 12.2 m	Min 12.2 m
Wheelbase	Min 9.5 m Max 14.0 m	n/a Max 14.0 m	Min 9.5 m Max 14.0 m
Hitch Offset*: Trailer length 12.2 m to 13.7 m Trailer Length > 13.7 m	Max 1.8 m Max 2.8 m	n/a n/a	Max 1.8 m Max 2.8 m
Converter Dolly			
Drawbar Length	Max 4.65 m	n/a	Max 2.0 m**
Maximum number of axles	2	n/a	1
Second Semi-trailer or Full Trailer			
Length	Min 12.2 m	Min 12.2 m	Min 12.2 m
Wheelbase	Min 9.5 m Max 12.5 m	Min 8.25 m Max 11.5 m	Min 9.5 m Max 12.5 m
Maximum Gross Vehicle Weight			
5 Axle	41,900 kg	40,700 kg	41,900 kg
6 Axle	49,800 kg	48,600 kg	49,800 kg
7 Axle	57,700 kg	56,500 kg	57,700 kg
8 or more Axles	63,500 kg	63,500 kg	63,500 kg

Note 1: In all cases, the lead semi-trailer of the configuration must be heavier than the second trailer or semi-trailer.

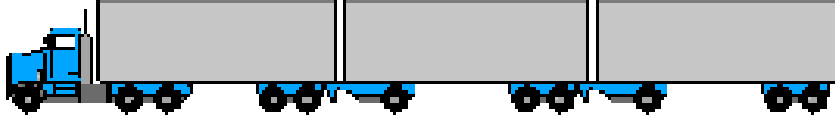
Note 2: Turnpike doubles may include a tridem axle group on the second (full) trailer.

Note 3: An empty converter dolly may be towed behind the combination so long as the overall length does not exceed 40.0 meters and the dolly is equipped with all legally required lights and equipment.

Note 4: Tridem axle groups, because of the hitch offset requirements, are very difficult to fit into A and C train lead trailers less than 13.7 metres in length. Note that hitch offset is generally not a concern on B trains and tridem axle groups are easily accommodated.

** The 2.0 metre maximum drawbar length is applicable to "C" converters manufactured in 1993 or later, in accord with the compliance requirements to the CMVSS under the Motor Vehicle Safety Act, Canada

P. Specific Conditions for Triple Trailer Combinations



The following lists specific requirements for the equipment. Dimensions or weights, where not specifically listed, shall conform to the Alberta Commercial Vehicle Dimension and Weight Regulation (AR 315/2002) for A, B or C trains.

PARAMETER	LIMIT		
	A Train	B Train	C Train
Overall Length	Max 35 m	Max 38 m	Max 35 m
First Converter Dolly			
Drawbar Length	Max 4.65 m	n/a	Max 2.0 m*
Maximum number of axles	2	n/a	1
Overall Gross Vehicle Weight	53,500 kg	53,500 kg	53,500 kg

- Note 1: In all cases, the lead semi-trailer of the configuration must be heavier than the second trailer or semi-trailer and the third trailer or semi-trailer is the lightest.
- Note 2: An empty converter dolly may **not** be towed behind a triple trailer combination.
- Note 3: In order to qualify for the 38 m length, both trailers 2 and 3 must be coupled by a B converter.

* The 2.0 metre maximum drawbar length is applicable to "C" converters manufactured in 1993 or later in accord with the compliance requirements to the CMVSS under the Motor Vehicle Safety Act, Canada.

Changes to LCV permit condition

For March 30, 2012

Section A 7 (d)	change reference from “the CTA Longer Combination Vehicle Driver Training Course” to “the AMTA Longer Combination Vehicle Driver Training Course”.
Section C 1	remove reference to CVIP decals as that is in regulations
Section C2	remove reference to CMVSS 121, as that is in regulations.
New section C5	indicate weight allowance for super single tires
Numbered E 2 (c)	for clarity as that section refers only to 2. Two lane highways
Section G 1 (b)	remove January 1 to allow LCV’s to operate on that day.
Section G 1 (c)	remove afternoon curfew on December 26.
Section G 3 (e)	remove 7:00am to 9:00am curfew for Highways 28 and 28A
Section H 4	remove “Hwy 4 at Milk River” as that section is now a multi-lane highway.
Section G 2	remove section entirely.
Section L 1 (d)	added section L1.(d) regarding emergency detour route
Section G 2	corrected typographical error in section G2.(d)
Section K	removed highway 4 from USA boundary to Lethbridge
Section K	added highway from jct. 1 to Drumheller
Section G	added section 2(d)