

## PART 3 - VEHICLE REGULATIONS

### 3.1 Definitions

3.1.1 In this Part the words and phrases shown in *bold italics* shall have the definitions and meanings assigned to them in the *Commercial Transport Act* and *Motor Vehicle Act* and regulations thereto as amended, revised, consolidated or replaced from time to time.

### 3.2 Vehicle Regulations

3.2.1 Prohibitions - Oversized vehicles. Except as authorized by an **overweight or oversize vehicle permit** no person shall drive or operate on a **highway**:

- (a) Maximum width  
a **passenger vehicle** so loaded that any part of the load extends beyond the sides of the **vehicle** or more than 185 centimetres beyond the back of the **vehicle**;
- (b) Pneumatic tires  
a **vehicle**, other than a horse-drawn **vehicle**, the wheels of which are not equipped with pneumatic tires;
- (c) Solid Tires  
a **vehicle** equipped with **solid tires**, the thickness of which between the rim of the wheel and the surface of the **highway** is less than 32 millimetres;
- (d) Spikes, Cleats, etc.  
a **vehicle** having wheels, or tracks constructed or equipped with projecting spikes, cleats, ribs, clamps, flanges, lugs, or other attachments or projections which extend beyond the tread or traction surface of the wheel, tread, or track but excluding tire chains of reasonable proportions when required for safety and winter studded tires between October 1<sup>st</sup> and April 30<sup>th</sup>;
- (e) Solid tire over 20 km/h  
a **solid tired vehicle** at a greater rate of speed than 20 km/h;
- (f) Pole Trailer  
an **unloaded vehicle** and **pole trailer** at a greater rate of speed than 60 km/h, unless the pole-trailer is carried on the towing **vehicle**;
- (g) Secure Load  
a **vehicle** unless it is so constructed and loaded as to prevent any of its load:
  - (i) from shifting or swaying in such a manner as to affect the operation of the **vehicle**; or
  - (ii) from dropping, sifting, leaking, or otherwise escaping therefrom. This subsection does not apply to material dropped for the purpose of securing traction, and water or other substances sprinkled on a **roadway** for cleaning or maintaining the **roadway**; or
- (h) Load Covering  
a **vehicle** with any load unless the load is covered with a securely fastened tarpaulin or other cover so as to prevent load from becoming loose, detached, or in any manner hazardous to other users of the **highway**.

3.2.2 Prohibitions - Overweight vehicles. Except as authorized by an **overweight or oversize vehicle permit** no person shall drive or operate a vehicle on a highway:

- (a) Gross vehicle weight  
when the **gross vehicle weight** of the commercial vehicle exceeds its licensed **gross vehicle weight**;
- (b) Axle Weight  
when the weight on an *axle, group of axles* or *axle unit* exceeds the weight permitted by Section 3.3 of this Part;
- (c) Vehicle Dimensions  
when the dimensions of the commercial vehicle do not conform to Section 3.3 of this Part
  - (i) with load included; and
  - (ii) without load; or
- (d) Distances between axles  
when the distances between *axles, groups of axles* or *axle units* do not conform with Section 3.3 of this Part.
- (e) Obey Posted Weight Restrictions  
when a **traffic control device** restricts and/or reduces their permitted weight limits.

### 3.3 Size and Weight Restrictions

#### 3.3.1 Exceptions

- (a) Subsections 3.3.8 to 3.3.36 inclusive of this Part do not apply to a person who is driving or operating a **commercial vehicle** engaged in the construction of, or operating within the boundaries of, a **highway construction project**.
- (b) Subsection 3.3.10 of this Part does not apply to a person who is driving or operating:
  - (i) an **implement of husbandry** on a **highway** during the hours of *daylight*, or
  - (ii) a **vehicle** registered in the name of the Ministry of Transportation & Highways, or the **City** which is operated for the purposes of road maintenance or snow removal, or
  - (iii) a **vehicle** registered in the name of a company that has a contract with the Ministry of Transportation & Highways, or the **City**, for the purpose of road maintenance or snow removal and which is being operated for the same.
- (c) Where the overall width of an **implement of husbandry** for which a person is exempted under Subsection 3.3.1(b) of this Part is 3.7 metres or more, a sign as described in the *Commercial Transport Act* shall be mounted on the front and a flag as described in the *Commercial Transport Act* shall be mounted on each of the 4 corners of the **implement of husbandry**.

### 3.3.2 Overweight or Oversize Vehicle Permit.

- (a) The **Engineer** may issue an **overweight or oversize vehicle permit**, in accordance with the conditions outlined in Schedule "C" of this Bylaw, authorizing the driving or operation on a **highway** of a **commercial vehicle** that does not conform to Subsections 3.3.8 to 3.3.36 inclusive of this Part.
- (b) Prior to issuance of such a **permit**, the permit fee as outlined in Schedule "A" to this Bylaw, shall be paid to the **City**.
- (c) No person shall use an **overweight or oversize vehicle permit** for the driving or operation of a **vehicle** other than the **vehicle** for which such **permit** was issued or on a date other than that specified in the **permit**.
- (d) Unless expressly permitted by the conditions of an **overweight or oversize vehicle permit**, no person shall drive or operate an **oversize vehicle** or load on a Sunday or a general holiday.

### 3.3.3 Logging truck Weight Allowances. Despite the provisions of this Bylaw, but in accordance with the requirements of this subsection, a person may drive or operate on a **highway** a **vehicle** or **combination of vehicles** transporting logs or poles if the amount of excess gross weight does not exceed the following:

- (a) during that period between March 2nd and November 30th of a calendar year:
  - (i) **single axle** - 500 kilograms,
  - (ii) **tandem or tridem axles** - 1,100 kilograms,
  - (iii) **combination of vehicles** - 1,500 kilograms.
- (b) during that period between December 1st of a calendar year and March 1st in the next calendar year:
  - (i) **single axle** - 500 kilograms,
  - (ii) **tandem or tridem axles** - 1,500 kilograms,
  - (iii) **combination of vehicles** - 2,500 kilograms.
- (c) Despite Subsections 3.3.3(a) and (b) of this Part, if a posted sign on a **highway** restricts **vehicles** by weight, the posted restrictions apply.

### 3.3.4 Weighing. The operator of a **vehicle** on a **highway**, when so required by a **Peace Officer**, or by any person authorized by the **Engineer**, shall:

- (a) stop the **vehicle** at the time and place specified by such **Peace Officer**, or authorized person, for the purpose of weighing the whole **vehicle**, or part thereof, by means of stationary or portable scales, measuring the dimensions of the **vehicle** and load; measuring and inspecting the tires thereon, inspecting the load carried, or for any other purpose under this Bylaw;
- (b) stop the **vehicle** if the **vehicle** or the load it is carrying is, in the opinion of the **Peace Officer**, or the authorized person, unsafe for operation on the **highways** and shall 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 or Ministry of Attorney General or **City** stationary or portable scales for the purpose of weighing the **vehicle** and load; or
- (d) re-arrange 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 this Bylaw or a **overweight or oversize vehicle permit** before continuing to drive or operate the **vehicle**.

- 3.3.5 **Report to Scales.** Except for operators of commercial vehicles of a licensed gross vehicle weight not exceeding 5,500 kilograms, the operator of a vehicle on a highway, when directed by a traffic sign on the highway to report to scales, shall drive the vehicle onto the scales for the purpose of weighing the whole vehicle, or part thereof, by means of stationary or portable scales, measuring the dimensions of the vehicle and load, measuring and inspecting the tires thereon, inspecting the load carried, or for any purpose under this Bylaw.
- 3.3.6 **Obey Posted Signs.** Notwithstanding any of the provisions of this Bylaw or of an overweight or oversize vehicle permit the maximum height, length or width of a vehicle, or vehicle and load, allowable on a highway or portion of a highway, where the maximum is stated by a sign posted by the Engineer, shall be as indicated by that sign.
- 3.3.7 **Bridge Restrictions.** No person shall, without an overweight or oversize vehicle permit 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 by the Engineer on or adjacent to that bridge.
- 3.3.8 **Vehicle Height.** No person shall, without an overweight or oversize vehicle permit drive or operate a vehicle having a height, including its load, in excess of 4.15 metres, measured from the surface of the road.
- 3.3.9 **Vehicle Width.** No person shall, without an overweight or oversize vehicle permit, drive or operate on a highway a vehicle having a total outside width, including its load, in excess of 2.6 metres, 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 metres;
  - (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 centimetres on each side beyond the total width of vehicle and load otherwise permitted by this section; or
  - (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 centimetres on each side beyond the widest part of the vehicle and its load.
- 3.3.10 **Vehicle Axle width**
- (a) Subject to Subsection 3.3.9 of this Part, no person shall, without an overweight or oversize vehicle permit, drive or operate a TAC *semi-trailer* or *full trailer* unless the distance across the outside of the tires on each *single axle*, each *tandem axle* and each *tridem axle* is:
    - (i) where the width of the *semi-trailer* or *full trailer* body is 2.5 metres or more, not less than 2.5 metres nor more than 2.6 metres, and
    - (ii) where the width of the *semi-trailer* or *full trailer* body is less than 2.5 metres, not less than 2.4 metres.

- (b) Where a *semi-trailer* or *full trailer* was manufactured prior to August 31<sup>st</sup>, 1988, and the running gear has not been totally replaced, the width across the outside of the tires may be less than that required in Subsection 3.3.10(a)(i) and any *axles* which are added to the existing running gear may be of a width equal to that running gear.
- (c) Notwithstanding Subsection 3.3.10(b) of this Part, no person shall, without an **overweight or oversize vehicle permit**, drive or operate any *semi-trailer*, *full trailer* or *pole trailer* manufactured after December 31<sup>st</sup>, 1993, unless the distance across the outside of the tires on each *axle* of the **vehicle** is not less than 2.5 metres nor more than 2.6 metres.

### 3.3.11 Vehicle Length

- (a) This section does not apply to a driver or operator of a *TAC vehicle*.
- (b) No person shall, without an **overweight or oversize vehicle permit**, drive or operate
  - (i) except as provided in Subsections 3.3.11(b)(ii) and (iii) of this Part, a single **vehicle** having an *overall length*, including its load, in excess of 12.5 metres,
  - (ii) a trailer having an *overall length* in excess of 12.5 metres, but not including the following as part of that length:
    - (1) an *Air deflector*, heater or refrigerator unit attached to the front of the **trailer**,
    - (2) 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**,
    - (3) non-load-carrying equipment such as an air connector, electrical connector, hydraulic connector, roller, pick-up 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 centimetres beyond the front or 10 centimetres beyond the rear of the **vehicle**; or
    - (4) a platform mounted on the front upper portion of the **trailer** if the platform is used exclusively to assist in the installation and/or securing of *load securement devices*.
  - (iii) a *semi-trailer*:
    - (1) having an *overall length* in excess of 14.65 metres, or
    - (2) having more than 2 *axles* the tires of which are in contact with the ground, having an *overall length* in excess of 14 metres, but not including as part of that length anything described in Subsections 3.3.11(b)(ii)(1), (3) or (4) of this Part.
  - (iv) subject to Subsection 3.3.11(c) of this Part, a combination of 2 or more **vehicles** having an *overall length* in excess of 20 metres including their load.
  - (v) a bus with an *articulation point* between the passenger carrying sections of the bus unless:
    - (1) the *overall length* of the bus does not exceed 20 metres,
    - (2) the distance from the *articulation point* to the front or rear of the bus does not exceed 12.5 metres, and

- (3) movement of passengers between the articulated sections of the bus is possible at all times while the bus is being operated on a **highway**.
- (vi) after January 1<sup>st</sup>, 1993, a 3 vehicle combination consisting of a **truck** and 2 trailers, or a **logging truck** combination which includes 2 **pole trailers**.
- (c) Subsection 3.3.11(b)(iv) of this Part does not apply where the combination of vehicles:
  - (i) is a combination of 2 vehicles that has a single **articulation point**, has an **overall length**, including its load, of not more than 21.5 metres and is carrying a load of logs, woodpoles or wood pilings and the length of the load cannot be reduced without cutting the wood;
  - (ii) is a combination of vehicles that contains more than one **articulation point** and has an **overall length**, including its load, of not more than 23 metres, or
  - (iii) is a combination of vehicles that:
    - (1) contains a licensed booster **axle** assembly mounted to the rear of a **semi-trailer** lowbed, and
    - (2) has an **overall length** including its load, of not more than 23 metres.

### 3.3.12 TAC vehicle length

- (a) This section applies ONLY to drivers or operators of **TAC vehicles**.
- (b) No person shall, without an **overweight or oversize vehicle permit**, drive or operate a **truck tractor** in combination with a single **semi-trailer** unless:
  - (i) the **overall length** of the **semi-trailer** is not more than 16.2 metres, but not including as part of that length anything described in subsections 3.3.11(b)(ii) (1), (3), or (4) of this Part, and
  - (ii) the wheelbase of the **semi-trailer** is not less than 6.25 metres and not more than 12.5 metres.
- (c) No person shall, without an **overweight or oversize vehicle permit**, drive or operate an **A train** or **C train** unless:
  - (i) the distance from the front of the lead **semi-trailer** to the rear of the **full trailer** is not more than 18.5 metres, but not including as part of that length anything described in subsections 3.3.11(b)(ii)(1),(3), or (4) of this Part, and
  - (ii) the wheelbase of the lead **semi-trailer** or the following **full trailer** is not less than 6.25 metres nor more than 12.5 metres.
- (d) No person shall, without an **overweight or oversize vehicle permit** drive or operate a **B train** unless:
  - (i) the distance from the front of the lead **semi-trailer** to the rear of the second **semi-trailer** is not more than 20 metres, but not including as part of that length anything described in subsections 3.3.11(b)(ii)(1),(3), or (4) of this part,
  - (ii) except for a vehicle referred to in Subsection 3.3.36 of this Part, the wheelbase of the lead **semi-trailer** is not less than 6.25 metres no more than 12.5 metres, and
  - (iii) the wheelbase of the second **semi-trailer** is not less than 6.25 metres no more than 12.5 metres.

- (e) No person shall, without an **overweight or oversize vehicle permit**, drive or operate:
- (i) a **truck tractor** having a wheelbase in excess of 6.2 metres,
  - (ii) a **bed truck** having a wheelbase in excess of 10.0 metres,
  - (iii) a **truck tractor** in combination with a single **semi-trailer** or a **jeep** and **semi-trailer** lowbed as allowed in subsection 3.3.36 of this Part, having an **overall length**, including its load, in excess of 23 metres,
  - (iv) an **A train**, **B train**, or **C train** having an **overall length**, including its load, in excess of 25 metres,
  - (v) a **full trailer** having an **overall length** in excess of 12.5 metres but not including as part of that length anything described in subsections 3.3.11(b)(ii)(1), to (4) inclusive of this part,
  - (vi) a combination including 2 **semi-trailers** having a **fifth wheel coupler** mounted on the first **semi-trailer** at a location not within the **axle spread** of the first **semi-trailer**,
  - (vii) a 3 vehicle combination consisting of a **truck tractor**, **semi-trailer** and **pony trailer**.

### 3.3.13 Kingpin Setback

- (a) This section DOES NOT apply to drivers or operators of **TAC vehicles**.
- (b) Except as provided in Subsection 3.3.13(c) of this part, no person shall, without an **overweight or oversize vehicle permit**, drive or operate a **combination of vehicles**:
- (i) that includes a **semi-trailer** with any part of its body or load forward of the centre of the **articulation point** by more than a radius of 2.25 metres; or
  - (ii) where the distance from an **articulation point** to the extreme rear of the **vehicle** combination exceeds 18 metres, but not including as part of that distance anything described in Subsections 3.3.11(ii)(1), (3) or (4) of this Part.
- (c) No person shall drive or operate on a **highway**, without an **overweight or oversize vehicle permit**, a **pole trailer** in combination with one other **vehicle** where 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 metres.

### 3.3.14 TAC Kingpin Setback and Front Projection

- (a) This section applies ONLY to drivers or operators of **TAC vehicles**.
- (b) No person shall, without an **overweight or oversize vehicle permit**, drive or operate a **semi-trailer** or **full trailer** where a part of the body or load is forward of the centre of the turning axis **articulation point** by more than a radius of 2 metres.
- (c) No person shall, without an **overweight or oversize vehicle permit**, drive or operate a **truck tractor** or **truck** where the load, boom, crane or similar object projects more than 1 metres beyond the front wheels, or, if the **truck tractor** or **truck** is equipped with a front bumper, more than 1 metres beyond such bumper.

### 3.3.15 Front and Rear Projections

- (a) This section DOES NOT apply to drivers or operators of *TAC vehicles*.
- (b) No person shall, without an **overweight or oversize vehicle permit**, drive or operate a **vehicle or combination of vehicles** where:
  - (i) the load, boom, crane or similar object extends more than 1 metres beyond the front wheels, or if equipped with a front bumper, more than 1 metres beyond that bumper; or
  - (ii) subject to Subsection 3.3.15(c) of this Part, the rear projection from the centre of the last *axle* to a part of the **vehicle or load** exceeds 5 metres.
- (c) Subsection 3.3.15(b)(ii) of this Part does not apply where the **vehicle or combination of vehicles** is a *logging truck tractor* and *pole trailer* carrying logs or poles in their natural state and the rear projection from the centre of the last bunk to a part of the **vehicle or load** does not exceed 5 metres.

### 3.3.16 TAC Effective overhang

- (a) This section applies ONLY to drivers or operators of *TAC vehicles*.
- (b) No person shall, without an **overweight or oversize vehicle permit**, drive or operate any *semi-trailer* in combination with a *truck tractor* where the **effective overhang** on any *semi-trailer* in the combination exceeds 35% of that *semi-trailer's* wheelbase.

### 3.3.17 Drawbar Length

- (a) This section DOES NOT apply to a driver or operator of a *TAC vehicle*.
- (b) No person shall, without an **overweight or oversize vehicle permit** drive or operate a **combination of vehicles** where the length of the *drawbar* or other connection between 2 of the **vehicles** exceeds 5 metres, except a combination consisting of only a **motor vehicle** and a *pole trailer*.

### 3.3.18 TAC Hitch offset

- (a) This section applies ONLY to a driver or operator of a *TAC vehicle*.
- (b) No person shall, without a **overweight or overdrive vehicle permit**, drive or operate an *A train* or *C train* where the **hitch offset** on the lead *semi-trailer* exceeds 1.8 metres.

### 3.3.19 Load Sharing

No person shall, without a **overweight or oversize vehicle permit**, drive or operate a **combination of vehicles** where the load is supported by more than one **vehicle** in combination except:

- (a) a combination carrying logs, wood poles or wood pilings by means of a *pole trailer* equipped with a compensating reach; or
- (b) where 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.



### 3.3.20 Axle Groups

- (a) This section DOES NOT apply to drivers or operators of *TAC vehicles*.
- (b) No person shall, without an **overweight or oversize vehicle 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*.
- (c) No person shall drive or operate a *tridem pole trailer* in combination with a *jeep* or *dog logger*.
- (d) No person shall, without an **overweight or oversize vehicle permit**, drive or operate on a **highway** a *logging truck* with a *tridem axle pole trailer* where the *inter-axle spacing* between a *Tandem axle* and a *tridem axle* is less than 5.5 metres.
- (e) No person shall, without an **overweight or oversize vehicle permit**, drive a *logging truck* where the *inter-axle spacing* between 2 *steering axles* exceeds 185 centimetres.

### 3.3.21 TAC Axle unit

- (a) This section applies ONLY to drivers or operators of *TAC vehicles*.
- (b) No person shall, without an **overweight or oversize vehicle permit**, drive or operate on a **highway**:
  - (i) a *truck tractor* in combination with
    - (1) a *semi-trailer*, on which more than one *axle units* in contact with the ground,
    - (2) a *semi-trailer* having a *trailer wheelbase* of less than 9.5 metres, equipped with a *tridem axle* having a *axle spread* of more than 3.1 metres,
    - (3) a *trailer converter dolly* equipped with a *tandem* or *tridem axle unit*, or
  - (ii) except as provided in Subsections 3.3.26(b)(iii) and (iv) of this part, and Subsection 3.3.35, a vehicle or combination of vehicles in which the *inter-axle spacing*
    - (1) between a *single axle* and any other *single axle*, between a *single axle* and a *tandem axle*, or between a *single axle* and a *tridem axle* is less than 3 metres,
    - (2) between 2 *tandem axles* is less than 5 metres,
    - (3) between a *tandem axle* and a *tridem axle* is less than 5.5 metres,
    - (4) between 2 *tridem axles* is less than 6 metres.
- (c) No person shall, without an **overweight or oversize vehicle permit**, drive or operate on a **highway**
  - (i) a *truck tractor* equipped with a *tridem axle*, or
  - (ii) a *truck tractor* equipped with 2 *steering axles*.

### 3.3.22 Lift axles

- (a) No person shall drive or operate on a **highway** a combination of vehicles in which a control, other than one that locks or unlocks a sliding *fifth wheel coupler*, is provided
- (i) for raising or lowering a *single axle* or *group of axles*, or
  - (ii) for varying the load on an *axle* or *group of axles*
- other than at a location that is adjacent to that *axle* or *group of axles* and not inside the operator's compartment.
- (b) No person shall drive or operate a *TAC vehicle* equipped with a *lift axle* where the tires of the *lift axle* are in contact with the ground.
- (c) No person shall drive or operate any *pole trailer* equipped with a *lift axle* where the tires of the *lift axle* are in contact with the ground.

### 3.3.23 Self-steering axles

- (a) No person shall, without an **overweight or oversize vehicle permit**, drive or operate on a **highway** in combination with other vehicles a motor vehicle equipped with a *self-steering axle* where the tires of the *self-steering axle* are in contact with the ground.
- (b) No person shall, without an **overweight or oversize vehicle permit**, drive or operate a *TAC vehicle* equipped with a *self-steering axle* where the tires of the *self-steering axle* are in contact with the ground, except a *C dolly* may have a *self-steering axle*.

3.3.24 Licensed GVW. The maximum licensed gross vehicle weight of a vehicle or combination of vehicles shall not exceed 63,500 kilograms.

### 3.3.25 Maximum GVW

- (a) To determine the maximum allowable gross vehicle weight of a vehicle or combination of vehicles, only those *axles* that are within the prescribed maximum *overall length* shall be included.
- (b) Notwithstanding Subsection 3.3.25(a) of this Part, where a vehicle or combination of vehicles is extended beyond the maximum *overall length* authorized under this division for the sole purpose of accommodating an oversize or overweight load without any increase in the number of *axles*, the displaced *axles* shall be deemed to be within the maximum *overall length* authorized under this Subsection.

### 3.3.26 TAC GVW

- (a) This section applies ONLY to drivers or operators of *TAC vehicles*.
- (b) No person shall, without an **overweight or oversize vehicle permit**, drive or operate on a **highway**:
- (i) a *truck tractor* in combination with a *semi-trailer* having a gross vehicle weight in excess of 46,500 kilograms,
  - (ii) an *A train* or *C train* having a gross vehicle weight in excess of 53,500 kilograms,

- (iii) an *A train* having a *single axle* on the first *semi-trailer* and an *A dolly axle*, with their *inter-axle spacing* less than 3 metres, and having a combined weight in excess of 17,000 kilograms, or
- (iv) an *A train* having a *tandem axle* on the first *semi-trailer* and an *A dolly axle*, with their *inter-axle spacing* less than 3 metres, and having a combined weight in excess of the weights indicated in the "Table of Maximum Gross Vehicle Weight for Axle Groups" of Subsection 3.3.30(b)(ii) of this part.

3.3.27 Exemption from weight limitations. The weight limitations imposed by Subsections 3.3.28 to 3.3.32 inclusive of this Part, shall not apply to vehicles being operated by:

- (a) the Ministry of Transportation & Highways; or
- (b) the City; or
- (c) a company that has a contract with the Ministry of Transportation & Highways, or the City, for the purpose of improving traction of a **highway**

while the **vehicle** is operated for the distribution of material on the **highway** for the purpose of improving traction, and

- (d) travelling to the place on the **highway** where distribution of the material carried by the **vehicle** begins; or
- (e) distributing the material on the **highway**.

3.3.28 Tire Loads

- (a) This section DOES NOT apply to drivers or operators of *TAC vehicles*.
- (b) No person shall, without an **overweight or oversize vehicle permit**, drive or operate on a **highway** a **vehicle** loaded so that the gross weight on a tire exceeds
  - (i) 110 kilograms per 1 centimetre of tire width in the case of pneumatic tires, or
  - (ii) 55 kilograms per 1 centimetre of tire width in the case of metal or *solid tires*.

3.3.29 TAC Tire Loads

- (a) This section applies ONLY to drivers or operators of *TAC vehicles*.
- (b) No person shall, without an **overweight or oversize vehicle permit**, drive or operate upon a **highway** a **vehicle** so loaded that the gross weight on a tire:
  - (i) exceeds 100 kilograms per 1 centimetre of tire width in the case of pneumatic tires,
  - (ii) exceeds the rated capacity of the tire as rated by the *manufacturer* of the tire,
  - (iii) exceeds 3,000 kilograms, other than a tire attached to the *steering axle* of
    - (1) a self-loading *truck tractor*, or
    - (2) a *bed truck* or *truck tractor*, equipped with a winch behind the cab, where the **truck** is being used in oil exploration.

3.3.30 Maximum Axle Load and Spacing

- (a) This section DOES NOT apply to drivers or operators of *TAC vehicles*.
- (b) No person shall, without an **overweight or oversize vehicle permit**, drive or operate on a **highway**:
- (i) a **vehicle**, where an *axle* carries a gross weight in excess of 9,100 kilograms, or
  - (ii) a **vehicle or combination of vehicles** having a *group of axles* within a spacing of 8 metres or less, where the *group of axles* carries the gross weight indicated in Column 2 of the "Table of Maximum Gross Vehicle Weight for Axle Groups" opposite the distance between the centres of the first and last *axle* of the group as indicated in Column 1:

### TABLE OF MAXIMUM GROSS VEHICLE WEIGHT FOR AXLE GROUPS

Column 1 Distance Between the Centres of the First Axle and Last Axle of Any Group of Axles of a Vehicle or Combination of Vehicles	Column 2 Maximum gross weight, group of axles
Less than 1.00 metres	9,100 kilograms
1.0 metres up to but not including 1.20 metres	16,500 kilograms
1.20 metres up to but not including 1.90 metres	17,000 kilograms
1.90 metres up to but not including 2.30 metres	18,000 kilograms
2.30 metres up to but not including 2.60 metres	19,000 kilograms
2.60 metres up to but not including 3.00 metres	20,000 kilograms
3.00 metres up to but not including 3.40 metres	21,000 kilograms
3.40 metres up to but not including 3.80 metres	22,000 kilograms
3.80 metres up to but not including 4.20 metres	23,000 kilograms
4.20 metres up to but not including 4.60 metres	24,000 kilograms
4.60 metres up to but not including 5.00 metres	25,000 kilograms
5.00 metres up to but not including 5.30 metres	26,000 kilograms
5.30 metres up to but not including 5.70 metres	27,000 kilograms
5.70 metres up to but not including 6.10 metres	28,000 kilograms
6.10 metres up to but not including 6.50 metres	29,000 kilograms
6.50 metres up to but not including 6.90 metres	30,000 kilograms
6.90 metres up to but not including 7.20 metres	31,000 kilograms
7.20 metres up to but not including 7.60 metres	32,000 kilograms
7.60 metres up to but not including 8.00 metres	33,000 kilograms
8.00 metres	34,000 kilograms

- (iii) a 3 vehicle combination of vehicles where a single *steering axle* on the *truck tractor* carries a gross weight in excess of 6,000 kilograms,
- (iv) a 3 vehicle combination of vehicles with a gross vehicle weight in excess of 57,000 kilograms unless
  - (1) the power unit is a *truck tractor*; and
  - (2) the kingpin of the first *semi-trailer* is positioned at, or forward of, a point midway between the centre of the 2 rear most *axles* of the *truck tractor*,

- (v) a 3 vehicle combination of vehicles unless the gross vehicle weight exceeds 11,000 kilograms, or
  - (vi) a combination of vehicles having a gross vehicle weight in excess of 63,500 kilograms.
- (c) Notwithstanding Subsection 3.3.30(b)(v) of this Part, a person does not require an overweight or oversize vehicle permit to drive or operate a 3 vehicle combination of vehicles, the gross vehicle weight of which does not exceed 11,000 kilograms, where the combination consists of:
- (i) a motor vehicle, and
  - (ii) a *towing dolly*, and
  - (iii) a licensed motor vehicle one *axle* of which is being carried by the *towing dolly*.
- (d) No person shall, without an overweight or oversize vehicle permit, drive or operate a *logging truck* combination which includes a *tridem pole trailer* where:
- (i) a *steering axle*, other than on a self-loading motor vehicle, exceeds 5,500 kilograms; or
  - (ii) a *tandem axle* exceeds 17,000 kilograms, or
  - (iii) a *tridem axle* exceeds 24,000 kilograms.
- (e) No person shall, without an overweight or oversize vehicle permit, drive or operate a self-loading *logging truck* which includes a *tridem pole trailer* where the *steering axle* exceeds 9,100 kilograms.

### 3.3.31 TAC Axle Loads and Spacing

- (a) In this section "self-loading *truck tractor*" means a *truck tractor* equipped with a chassis mounted crane, winch or similar device immediately behind the operator's compartment which is used for loading or unloading the vehicle combination.
- (b) This section applies ONLY to driver or operators of *TAC vehicles*.
- (c) No person shall, without an overweight or oversize vehicle permit, drive or operate:
  - (i) a vehicle where the gross *axle* weight on
    - (1) an *axle unit* exceeds the *axle*, suspension or brake *manufacturer's* rating of that component,
    - (2) the *steering axle* of a *truck tractor* other than
      - (a) a self-loading *truck tractor*, or
      - (b) a *bed truck* or *truck tractor*, equipped with a winch behind the cab, where the truck is being used in oil exploration
 exceeds 5,500 kilograms,
    - (3) a *single axle* equipped with dual tires exceeds 9,100 kilograms,
    - (4) a *tandem axle* exceeds 17,000 kilograms, or
    - (5) a *tridem axle* exceeds 24,000 kilograms.
  - (ii) an *A train* or *C train* where the sum of the *axle* loads on all *axles* of the *full trailer* exceeds 16,000 kilograms, or

- (iii) a *tandem drive axle truck tractor* in combination with a *single axle jeep* and *lowbed semi-trailer* where the sum of the *axle* loads on the *tandem drive axle* and the *single axle* of the *jeep* exceeds the greater of 24,000 kilograms or the weight allowed under the "Table of Maximum Gross vehicle weight for *axle* Groups" under Subsection 3.3.30(b)(ii) of this Part.
  - (d) No person shall, without an **overweight or oversize vehicle permit**, drive or operate a self-loading *truck tractor* where the gross *axle* weight on the *steering axle* exceeds 9,100 kilograms.
  - (e) No person shall, without an **overweight or oversize vehicle permit** drive or operate a vehicle where the gross *axle* weight of any *axle* of a *tandem* or *tridem axle* exceeds 9,100 kilograms, or where the gross *axle* weight of any 2 adjacent *axles* of a *tridem axle* exceeds 17,000 kilograms.
  - (f) No person shall, without an **overweight or oversize vehicle permit**, drive or operate a *bed truck* used in oil exploration where the gross *axle* weight on the *steering axle* exceeds 9,100 kilograms.
  - (g) No person shall, without a **overweight or oversize vehicle permit**, drive or operate a *truck tractor* equipped with a winch behind the cab used in oilfield exploration where the gross weight on the *steering axle* exceeds 9,100 kilograms.
  - (h) No person shall, without a **overweight or oversize vehicle permit**, drive or operate a *TAC vehicle* including a *truck tractor* equipped with a crane behind the cab, in combination with a *semi-trailer*, unless the combination conforms with the dimensions and weights as shown in Schedule "I".
  - (i) In the event that the dimensions and weights for the tractor and *semi-trailer* combinations shown in Schedule "I" are in conflict with other requirements in these regulations, the requirements shown in Schedule "I" prevail.
- 3.3.32 **Drive axle.** No person shall, without an **overweight or oversize vehicle 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 kilograms unless the towing vehicle has a *tandem drive axle*.
- 3.3.33 **Weight to Horsepower.** No person shall, without an **overweight or oversize vehicle permit**, drive or operate upon 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 kilograms to one *horsepower*.
- 3.3.34 **Towing dollies.** No person shall drive or operate on a **highway** a commercial vehicle that is towing a *towing dolly* where 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 kilograms.

3.3.35 TAC Lowbed. Notwithstanding the provisions of Subsections 3.3.12(d)(ii) and 3.3.21(b)(ii), a *tandem drive axle truck tractor* may be coupled to a *single axle jeep* or a *single axle jeep* and *lowbed semi-trailer* provided that the *inter-axle spacing* between the *tandem drive axle* and the *jeep single axle* is not less than 1.2 metres nor more than 3.5 metres.

3.3.36 TAC Truck Prohibitions

- (a) This section applies ONLY to drivers or operators of TAC trucks, trucks and *pony trailers*, trucks and *full trailers*, *C trains* with *C converter dolly* and *inter-city buses*.
- (b) No person shall, without an **overweight or oversize vehicle permit**, drive or operate:
  - (i) a TAC truck unless it conforms to the dimensions and weights as shown in Schedule "D" of this Bylaw.
  - (ii) a TAC truck and *pony trailer* unless the combination conforms to the dimensions and weights shown in Schedule "E" of this Bylaw.
  - (iii) a TAC truck and *full trailer* unless the combination conforms to the dimensions and weights shown in Schedule "F" of this Bylaw.
  - (iv) a TAC *C train* with a *C converter dolly* unless the combination conforms to the dimensions and weights shown in Schedule "G" of this Bylaw.
  - (v) a TAC *inter-city bus* unless it conforms to the dimensions and weights shown in Schedule "H" of this Bylaw.
  - (vi) a TAC tractor with an installed crane and *semi-trailer* unless it conforms to the dimensions and weights shown on Schedule "I" of this Bylaw.
  - (vii) a truck equipped with 2 *steering axles* unless:
    - (1) the gross weight of the 2 *axles* does not exceed 17,000 kilograms,
    - (2) the gross weight of each *single axle* does not exceed 9,100 kilograms, and
    - (3) the *inter-axle spacing* does not exceed 1.85 metres, or
  - (viii) a truck with a booster *axle* assembly where the tires of the booster *axle* are in contact with the ground, unless the truck is a concrete ready mix truck.

## 3.4 Pilot Cars and Signs

3.4.1 Standards. Where conditions of an **overweight or oversize vehicle permit** prescribe that pilot cars, signs, flags, or lights be provided by the Permittee, the standards for equipment as set forth in this Bylaw shall be complied with, unless otherwise prescribed by the conditions of the permit.

3.4.2 Gross Weight. Pilot cars shall be private passenger motor vehicles or commercial vehicles of a licensed gross vehicle weight not exceeding 5,500 kg.

3.4.3 Signs. Signs required by a permit to be displayed on an oversized vehicle or load shall be as follows:

- (a) sign panel size, 150 cm by 30 cm;
- (b) black lettering on yellow background;
- (c) letters shall be 20 cm in height of 3 cm stroke;

- (d) shall contain only the words "Wide Load" or in the case of loads only overlength, the words, "Long Load";
- 3.4.4 Mobile Homes and Modular Buildings. Mobile homes and modular buildings exceeding 3.5 metres in width shall in addition to the requirements in subsection 3.4.3 of this part, display on the rear thereof a sign as follows:
- (a) yellow background with lettering of red reflective materials;
  - (b) letters shall be a minimum of 15 cm in height of a 3 cm stroke;
  - (c) shall contain the words, "CAUTION - MAY SLOW OR STOP UNEXPECTEDLY".
- 3.4.5 Pilot Car. Every operator of a pilot car shall ensure that the pilot car is
- (a) while escorting a **vehicle** and load, equipped with a roof mounted "Long Load", "Wide Load", "Oversize Load", or "D" sign that complies with the requirements of the *Commercial Transport Act*, and
  - (b) while escorting a **vehicle** or a **vehicle** and load in excess of 27.5 metres in length and less than 3.2 metres in width or a load in excess of 3.2 metres in width, equipped with a roof mounted "Long Load", "Wide Load", "Oversize Load", or "D" sign that complies with the requirements of the *Commercial Transport Act*.
- 3.4.6 Flags. Flags on an oversize **vehicle** or load shall be red in colour, mounted on all four corners or projections of the **vehicle** or load, of a minimum size of 30 cm square, or be in strips that are not more than 3 cm in width not less than 45 cm in length and that cover an overall width of not less than 15 cm.
- 3.4.7 Lighting. If night travel of oversize **vehicles** or loads is authorized by permit, the extremities of the oversize **vehicle** or load shall be lighted in a manner not inconsistent with the provisions of *Motor Vehicle Act*.
- 3.4.8 Sign Prohibition. No person shall drive or operate on a **highway** a **motor vehicle** or a **commercial vehicle** displaying a sign indicating the presence of an oversize **vehicle** or load when, in fact, an oversize **vehicle** or load is not being transported or escorted.
- 3.4.9 Proximity. A pilot car when escorting an oversize **vehicle** or load on a two lane or three lane **highway** shall precede the oversize **vehicle** or load at a distance of not less than 100 metres nor more than 500 metres. When escorting an oversize **vehicle** or load on a four lane or divided **highway**, the pilot car shall follow the oversize **vehicle** or load at a distance of not less than 100 metres nor more than 500 metres. Notwithstanding this provision, a lead pilot car shall, when necessary, precede the oversize **vehicle** or load through tunnels, structures, etc., at an adequate distance so as to provide ample warning for oncoming **vehicles**.