

INFORMATION REQUIRED BY TRANSPORT CANADA TO AUTHORIZE THE USE OF THE NATIONAL SAFETY MARK FOR TRAILERS.

Due to the high volume of applications, Transport Canada can only process applications that are complete and contain the information in the order listed in this document. Incomplete or randomly submitted documents will be returned.

Please check the types of trailers that your company intends to manufacture and respond to the corresponding questions.

- All trailers **(Please answer questions 1 through 3)**
- Snowmobile trailers **(If checked, please answer question 4)**
- Any trailer with no permanent sides or roof, such as a flatbed or heavy hauler trailer with a GVWR of 10 000 kg or more. **(If checked, please answer question 5)**
- Air-braked trailers **(If checked, please answer question 6)**

1. Submit a complete and signed “Request Form to Obtain Authorization to Affix the National Safety Mark” (NSM) and “Application For Assignment of a World Manufacturer Identifier (WMI) Code”.

Note: Do not forget to provide the Federal or Provincial registration certificate and the GST number of your company.

2. Submit an actual sample or a photocopy of a completed compliance label. Remember compliance labels will differ for RV trailers. A blank sample of a compliance label can be found within this package or it can be viewed within the “Trailer Information Guide” located on the Transport Canada website www.tc.gc.ca . Please refer to section 6 – 7 of the Motor Vehicle Safety Regulations for further details.
3. Submit photographs showing a front, side and rear view of every type of trailer your company manufactures. Please note that these photographs must be sufficiently clear and detailed to enable an inspector to evaluate the compliance of the trailer with Technical Standard Document (TSD) 108 - Lighting System and Retroreflective Devices.

Note: Please provide the SAE or DOT code markings shown on the lens of the lamps and reflex reflectors installed on the vehicles.

(E.g.: side rear marker lamps – SAE or DOT P2)

4. Submit a test report for Canada Motor Vehicle Safety Standard (CMVSS) 906 – Snowmobile Trailer. You must provide evidence that the tie-down can withstand a force of greater than 500 lbs in any direction. Please refer to CMVSS 906 for further details.

5. Submit a test report for Canada Motor Vehicle Safety Standard (CMVSS) 905 – Trailer Cargo Anchoring Devices. The test report must include the following:
 - 5.1. Your calculation, for the formula $N=M / 2000 \text{ KG}$, that indicates the number of anchor points for each of the different models of trailers that your company intends to manufacture.

N = is the minimum number of cargo anchoring devices, rounded up to the next even whole number; and
M = is the cargo carrying capacity of the trailer, calculated as the difference between its gross vehicle weight rating and its curb mass, expressed in kilograms
 - 5.2. Evidence of calibration for the load cell used to measure the vertical force applied to the anchor point.
 - 5.3. Evidence that the vertical load of 67,000 N or (15,056 lbs) was reached within two minutes of commencing the application of the force. (Please be reminded to test above the minimum required load.)
 - 5.4. Evidence that the vertical load was maintained at 67,000 N or (15,056 lbs) for 15 seconds. (Please be reminded to test above the minimum required load.)

6. To demonstrate compliance with *Technical Standard Document (TSD) 121- Air Braked Systems* please submit the following:
 - 6.1. Please supply evidence that the ABS valve, as installed on your air-braked trailers, has in cab warning capability.
 - 6.2. As per section 5.2.3.1 of *TSD 121 – Air Braked Systems*, evidence that the ABS your company is offering, meets the minimum equipment requirements.
 - 6.3. As per section 5.3.3 of *TSD 121 – Air Braked Systems*, please supply a timing test for the various models of air-braked trailers that your company intends to manufacture. Also, each timing test must include an engineering drawing, which indicates the following: the air hose placement, air hose length, valve type and valve location.
 - 6.4. As per section 5.6 of *TSD 121 – Air Braked Systems*, please supply a parking brake test report for the air-brake system that you intend to install on your trailer production. Remember, the compliance label that you submit must be based on the test report.

REQUEST FORM TO OBTAIN AUTHORIZATION TO AFFIX THE NATIONAL SAFETY MARK

Director
Road Safety and Motor Vehicle Regulation
Transport Canada
330 Sparks Street
Tower C, 8th floor
Ottawa, ON K1A 0N5

Date: _____

This company, _____ is seeking ministerial authorization to affix the National Safety Mark to vehicles it manufactures.

The registered name and address of the company: Street: _____ City: _____ Province: _____ Postal Code: _____	The business telephone and facsimile numbers are: Tel: _____ Tel: _____ Fax: _____ E-mail: _____
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The address(es) where the national safety mark will be affixed, if different from the above address, must be specified on the attached page.

The name of the person in the company responsible for meeting the Safety Standards:

Name: _____ Title: _____

The company manufactures the following class(es) of vehicle(s) under Schedule III and the estimated annual quantity is as follows:

Class(es) of vehicle(s): _____

Annual production: _____

Area of distribution: _____

Within the province only:

Within the province and inter-provincial:

Province(s): _____

Signature: _____

PLEASE PROVIDE WITH THIS APPLICATION THE COMPANY FEDERAL OR PROVINCIAL REGISTRATION CERTIFICATE AND THE COMPANY GST NUMBER _____

APPLICATION FOR ASSIGNMENT OF A WORLD MANUFACTURER IDENTIFIER (WMI) CODE - As prescribed by the Canadian Motor Vehicle Safety Standard - 115

Road Safety and Motor Vehicle Regulation
Transport Canada
330 Sparks Street
Tower C, 8th floor
Ottawa, ON K1A 0N5

DATE: _____

1. NAME OF MANUFACTURER: _____

2 STREET: _____

TOWN: _____ PROVINCE: _____ POSTAL CODE: _____

TELEPHONE: _____ FAX: _____

3. NAME OF INDIVIDUAL MAKING APPLICATION: _____

TITLE: _____

4. CLASS OF VEHICLE: (Please check (x) class(es) of vehicle(S) manufactured.

- Trailer Trailer Converter Dolly Bus Motorcycle Restricted Use Motorcycle
- Multipurpose Passenger Vehicle Passenger Car Snowmobile Snowmobile Cutter
- Truck

5. PRODUCTION VOLUME: check A or B

A: PRODUCING FEWER THAN 500 UNITS PER YEAR;

B: PRODUCING MORE THAN 500 UNITS PER YEAR.


(Transport Canada will authorise the C.V.M.A. to assign the World Manufacturer Identifier Code according to information given above)

NOTE TO CVMA:

Company has been authorised the following NSM Please authorise "WMI" code

Transport Canada Inspector _____ Date: _____

Sample compliance label for all trailers, (Except RV trailers).

MANUFACTURED BY/FABRIQUÉ PAR: _____			
TYPE: _____ DATE: _____			
GVWR/PNBV _____ KG. V.I.N./N.I.V: _____			
GAWR/PNBE KG	TIRE / PNEU	RIM / JANTE	COLD INFL. PRESS./ PRESS.DE GONFL. À FROID PSI/LPC KPA
1 st			
2 nd			

The compliance label must be applied to the forward half of the left side of the trailer so that it is easily readable from the outside. All lettering must be a minimum of 2mm in height and in block capitals. The National Safety Mark (NSM) Symbol must be a minimum of 20mm in diameter.

MANUFACTURED BY: Must be the registered company name.

TYPE: Indicates the vehicle type, in the case of trailers, use “**TRA/REM**”.

For heavy hauler trailers use “**HHT/RL**”. (See section 6-7 Compliance Label of the Motor Vehicle Safety Regulations for further details.)

DATE: The month and year the vehicle was completed.

GVWR: Gross Vehicle Weight Rating, in kilograms, means the value specified by the vehicle manufacturer as the loaded weight of a single vehicle.

GAWR: Gross Axle Weight Rating, in kilograms, means the value specified by the vehicle manufacturer as the load-carrying capacity of a single axle system, as measured at the tire-ground interfaces. “The GAWR shall not exceed the rated load carrying capacity of, but not limited to, the tires, rims, suspension, axle mounting hardware and axles.”

TIRE: The complete tire size must be listed, which includes the load range. The load range is a letter that’s located on the tire sidewall, which indicates the capacity of the tire. The load range should be indicated after the tire size. **e.g. ST 205/75R15 (C) or 11R24.5 (H)**


RIM: The rim must be indicated by the rim diameter, rim width and rim contour. The rim contour is a letter or a series of letters, which are usually stamped on the inside of the rim.

e.g. 15 x 5 JJ Note not all rims have a rim contour **e.g. 8.25 x 22.5**

VIN: The Vehicle Identification Number is composed of 17 characters, where position 9 (check digit) is a calculated number. To calculate the VIN, the World Manufacture Identifier (WMI) code will be required. You will receive the WMI code once the National Safety Mark has been issued.

Note: If your company intends to manufacture less than 500 vehicles a year, a six character WMI will be issued and it will be used in positions 1,2,3 and 12,13,14 of the VIN. If your company intends to manufacture more than 500 vehicles a year the WMI code, a three character WMI code will be issued and the WMI code will only be used in positions 1,2,3.

Sample compliance label for RV Trailers

MANUFACTURED BY/ FABRIQUÉ PAR: _____ TYPE: _____ DATE: _____ GVWR/PNBV: _____ KG V.I.N./N.I.V: _____			
GAWR/PNBE KG.	TIRE/PNEU	RIM/JANTE	COLD INFL. PRESS. / PRESS. DE GONFL. À FROID PSI/LPC KPA
1 st			
2 nd			
CARGO-CARRYING CAPACITY: _____ KG		CAPACITÉ DE CHARGEMENT: _____ KG	
CALCULATED WITH THE FRESH WATER TANKS FULL (COLD _____ KG HOT _____ KG) AND THE WASTE WATER TANKS EMPTY		CALCULÉE AVEC LES RÉSERVOIRS D'EAU DOUCE PLEINS (FROIDE _____ KG CHAUDE _____ KG) ET LES RÉSERVOIRS D'EAUX USÉES VIDES	
MASS OF WASTE WATER TANKS FULL: _____ KG		MASSE DES RÉSERVOIRS D'EAUX USÉES PLEINS: _____ KG	

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Sample compliance label for RV Trailers

RIM: The rim must be indicated by the rim diameter, rim width and rim contour. The rim contour is a letter or a series of letters, which are usually stamped on the inside of the rim.

e.g. **15 x 5 JJ** “Note not all rims have a rim contour.”

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Cargo Carrying Capacity: means the mass that is equal to or less than the result obtained by subtracting from the gross vehicle weight rating the sum of

(a) the unloaded vehicle mass,

(b) the product obtained by multiplying the designated seating capacity by, in the case of a school bus, 55 kg or, in any other case, 70 kg, and

(c) in the case of a vehicle having living or sanitary accommodations, the mass of its fresh water, hot water and propane tanks, but not its waste water tanks, when full.



Transport **Transports**
Canada **Canada**
Safety and Security **Sécurité et sûreté**

Please mail your completed documents to:

Director
Motor Vehicle Regulation Enforcement
Road Safety and Motor Vehicle Regulation
Transport Canada
330 Sparks Street
Place de Ville, 8th Floor
Ottawa, Ontario
K1A 0N5



The following chart is intended to show the correlation between the *Motor Vehicle Safety Act (MVSA)*, Motor Vehicle Safety Regulations (MVSr) and Canada Motor Vehicle Safety Standards (CMVSS), Technical Standard Documents (TSD) and Test Methods (TM).

For complete the details, please consult the Transport Canada website at www.tc.gc.ca

