



**Measurement  
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# **Weights and Measures**

# **Inspection Certificate**

# **Completion Manual**

**Version 3, Revision 3**

**Canada**

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## **INTRODUCTION**

The purpose of the Weights and Measures Inspection Certificate Completion Manual is to assist recognized technicians of authorized service providers to complete the inspection certificates in accordance with Weights and Measures legislative requirements, and to collect data on device performance and establishment history.

This manual contains all the information necessary to complete the inspection certificate, with the exception of the Banner information which must be obtained from your local Measurement Canada Office, and the Approval number which can be found in the Measurement Canada Notice of Approvals Database.

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## CURRENT REVISIONS

**Date of Revision/Addition / Language (English and/or French) / Section / Nature of Revision /Addition**

### **Version 3, Revision 3**

2007-10-15 / E & F / Capacity and Interval / page 6, note (paragraph 2); An explanation has been added on how to record devices with one unit of measure, and for devices with switch selectable units of measure.

2007-10-15 / E & F / Device Sub-type / page 8 note 2; Clarification has been added to reflect bulletin M-08 (rev. 2).

2007-10-15 / E & F / Inspection Type / page 9; A new Inspection Type A0 for the use of accredited organizations and R0 for the use of registered organizations has been added. This inspection type is to be used for the removal of owner replaced device.

2007-10-15 / E & F / Should be Recertified before (date) / page 13; Note 1 has been clarified and a Note 2 added to illustrate the recertification date that needs to be reported on the inspection certificate.

2007-10-15 / E & F / Comments / pages 14 and 15; The various annotations have been organized under the sub-headings generic, gravimetric and volumetric for ease of use, plus three new volumetric annotations have been added.

2007-10-15 / E & F / Device Types and Sub-types / Appendix 1, page 18; The descriptions of all computing scale sub-types have been modified.

2007-10-15 / E & F / Device Types and Sub-types / Appendix 1, page 19; The descriptions of Railway Scales sub-types 20 and 21 have been modified.

2007-10-15 / E & F / Trade Sector Table / Appendix 3, page 28; The descriptions for trade sector 03 has been changed to add a reference the various farms within the trade sub-sector of Grain and Field Crop Industry.

2007-10-15 / E & F / Trade Sector Table / Appendix 3, page 22 and 31; The descriptions for trade sector 07 has been changed from Agricultural Livestock Industry to Livestock Industry.

2007-10-15 / E & F / Inspection Types Defined / Appendix 5, page 49 and 50; The descriptions for the new inspection types A0 and R0 have been added to this Appendix.

2007-10-15 / E & F / All applicable sections of the manual - Changed the *Sample Inspection Certificate*, reference from revision 3.2 to 3.3.

## DEVICE INSPECTION

### INSPECTION CERTIFICATE

#### Authority to Issue

The *Weights and Measures Inspection Certificate* is issued by authorized service providers in accordance with section 19.(1)(a) of the *Weights and Measures Act* under the following circumstances:

- 19.(1) Where an inspector inspects a device, the inspector must issue to the owner or person in possession of the device,**  
**(a) in the case of a device that is or is to be used in trade, a certificate showing whether the device meets the requirements of this Act and the regulations.**

Device inspection certificates must be 8.5 by 11 inch format and contain the information specified in this manual (see example). In areas where information is common to every certificate, that information may be printed on the certificate. Certificate headings and titles must be in bilingual format. Certificate designs are subject to Measurement Canada acceptance before they can be printed and used. See **Sample Inspection Certificate, Revision 3.3** posted on Measurement Canada's Web site at: [http://strategis.ic.gc.ca/epic/internet/inmc-mc.nsf/en/h\\_lm02521e.html](http://strategis.ic.gc.ca/epic/internet/inmc-mc.nsf/en/h_lm02521e.html).

The *Weights and Measures Inspection Certificate* is issued by the recognized technician of an authorized service provider. A copy of completed *Inspection Certificates* shall be submitted to the local Measurement Canada District Office at least once a week, but no longer than 15 days from the date of their issue and **must be legible**. Measurement Canada will make any additional copies of the certificates as required.

In addition to fulfilling the legislated requirement to provide a certificate/statement upon completion of an inspection, the *Inspection Certificate* is used to collect data on device performance and establishment history.

Distribution: The *Inspection Certificate* is distributed as follows:

- |            |                                    |
|------------|------------------------------------|
| Original - | Trader                             |
| Copy 1 -   | Measurement Canada District Office |
| Copy 2 -   | Authorized Service Provider        |

#### Instructions for Authorized Service Providers using their existing stock of Inspection Certificates starting April 3, 2006

Accredited and registered organizations will be allowed to use their existing stock of inspection certificates until exhausted or until **December 31, 2007**. **However, during this transition period, recognized technicians will have to enter the following information in the comment section of their inspection certificate:**

- a) a four digit numeric trade sector code for each device inspected; and**  
**b) the "should be recertified before / (date)" for all device types in the trade sectors identified in the *Voluntary Periodic Certification Program for Devices* document. See section 23 for details.**

Instructions on how to use the comment section can be found in sections 22 to 26 of this manual. This process should be continued until such time as the organization's inspection certificates are re-printed in the format illustrated in the "**Sample Inspection Certificate, Revision 3.3**" and posted on Measurement Canada's Web Site at: [http://strategis.ic.gc.ca/epic/internet/inmc-mc.nsf/en/h\\_lm02521e.html](http://strategis.ic.gc.ca/epic/internet/inmc-mc.nsf/en/h_lm02521e.html)

## Cancelled / Invalid Certificates

If a certificate has been issued to the device owner and the recognized technician has omitted specific information about the device such as the device serial number or results of the inspection, this certificate should be cancelled and a replacement issued with all the appropriate information included.

The missing information would have to come from the recognized technician's source documents used to issue the original certificate such as an onsite inspection report or from a return visit, but not from a Measurement Canada report or from a phone call to the trader. If the data existing on the original certificate is not adequate to positively identify the device a new inspection would be required.

The new certificate should state that the previous certificate (refer to the number) is cancelled and is superseded by this replacement certificate. The new certificate must be given to the trader. The original certificate, including the trader's copy, should be marked "Cancelled" and retained as a controlled document by the authorized service provider, and may be subject to audit.

## Top of Certificate:

- # Top left hand corner : **Logo** supplied by Measurement Canada at :  
[http://strategis.ic.gc.ca/epic/internet/inmc-mc.nsf/en/h\\_lm03222e.html](http://strategis.ic.gc.ca/epic/internet/inmc-mc.nsf/en/h_lm03222e.html)
- # Top middle : Information on authorized service providers - name, full address (including postal code), telephone and fax numbers; may be similar to organization's letterhead
- # Between the information on authorized service provider and certificate number : The organization's number as described below.
- # Top right hand corner: certificate numbers shall be pre-printed, unique and consecutive in nature, to a maximum of 7 digits (no letters).

### Organization Number

The organization number is an alphanumeric code assigned by Measurement Canada to Authorized Service Providers. This number will start with the prefix **A** for an accredited organization or **R** for a registered organization and should be preprinted on Authorized Service Provider's certificates in the following format : A-999 or R-999, as the case may be. The dash (-) is optional.

## Establishment Identification Section

1) Establishment Name

This is the business name of the establishment that the *Inspection Certificate* is being issued to (i.e. the name of the company /establishment using the device). If the device is being rented, the name of the company or person using the device must be recorded. This should always be the full legal name of the establishment.

2) Banner Name

This is the banner or company name under which the establishment operates (i.e. Petro Canada, Good Year, etc.). The banner should reflect the Company to which the devices being inspected are related. In the case of an establishment with more than one banner (e.g. Shell station with ICG propane dispensers), the banner name recorded in the header must be the one applicable to most of devices inspected.

For example, at a Shell station, 12 gas dispensers and the propane beam scale are inspected. "Shell" is recorded as banner in the header of the certificate and a note should be written in the comment section specifying that "ICG" is the banner for the propane scale. On an inspection where only the secondary devices are being inspected, the secondary banner will be listed in the header. **(This list is available from your local Measurement Canada Office).**

3) District

The district code is entered by the Measurement Canada District Office.

4) Zone

The zone number is entered by the Measurement Canada District Office **unless** the permanent location and/or name of the client is unknown, then the certificate is to be issued in the name of the authorized service provider and assigned to zone 800.

5) Address

This is the street address or location of the establishment where the device is located.

6) Place (This was previously section 8)

This is the city, town or village of the establishment where the device is located.

7) Province (new section)

This is the province of the establishment where the device is located.

8) Postal Code (This was previously section 9)

Canada Post Corporation postal code for address and place.

9) Telephone Number (This was previously section 10)

The telephone number of the establishment must be entered in the format (999) 999-9999.

10) Directions (This was previously section 12)

If the establishment does not have a street address, or is difficult to locate, record the directions on how to get to the establishment (i.e. 1 kilometer north, 2 kilometers west of town X). Clear, concise instructions on device location are of significant importance because the device in question may be difficult to locate with the mailing address alone.

**Note:** If the Head Office address is required for reference purposes it should be recorded in the "comments" area.

11) Establishment Code (This was previously section 15)

The establishment code will be assigned by the District or Regional Office.

## Device Information

**Note:** When more than one component for a single device is to be captured on the certificate, the primary information will be recorded first and only the primary component will contain the results of the inspection.

FOR VOLUMETRIC DEVICES:

- Primary component (device entity) - measuring element (meter)
- Secondary components: register, ATC, pulser, etc.

FOR GRAVIMETRIC DEVICES:

- Primary component (device entity) - measuring element (base)
- Secondary components: electronic indicator, computer, load cell, etc.

### Weighing Systems With Multiple Load Receiving Elements (see STP-26)

**TYPE 1 - Multi-plex** - A system where only one load receiving element can be selected and operated at a time. Multi-plex systems - Two or more load receiving elements, designed to be used independently, are connected to a single approved Multi Channel indicating element. Each load receiving element shall be listed as a separate device on the inspection certificate, and must be identified in some manner to prevent confusion (Scale A, Scale B, etc.). The same indicating element shall be listed for each of the load receiving elements and shall be identified as being multi-plexed.



**TYPE 2 - Multi-Deck** - A system where two or more load receiving elements can operate at the same time.

**Scenario A** - Multi-Deck - two or more load receiving elements are connected to an equal number of Approved Single Channel indicating elements). Output may be combined in a computer or other unapproved non-metrological indicator.

Each load receiving element and indicating element shall be listed as a separate device on the inspection certificate, starting from the leftmost load receiving element as viewed from the normal operators position (in case of any uncertainty, stand facing the load receiving element on the side where the signal cable or transverse lever exits the device). Each load receiving element shall be identified as forming part of the overall multi-deck system.

**Scenario B** - Two or more load receiving elements are connected to a single Approved Multi Channel indicating element. The Multi-Channel indicating elements may handle up to the maximum number of load receiving elements as described in the Notice of Approval.

Each load receiving element shall be listed as a separate device on the inspection certificate, starting from the leftmost load receiving element as viewed from the normal operators position (in case of any uncertainty, stand facing the load receiving elements on the side where the signal cable or transverse lever exits the device). The same indicating element shall be listed for each of the load receiving elements and shall be identified as being multi-channel. Each load receiving element shall be identified as forming part of the overall Multi-Deck system.

**Scenario C** - Two or more load receiving elements are integrated through a Junction Box and the aggregate signal is output to a single channel Approved indicating element. **This is NOT considered a Multi-Deck Weighing System.**

Each load receiving element shall be listed as a separate device on the inspection certificate, starting from the leftmost load receiving element as viewed from the normal operators position (in case of any uncertainty, stand facing the load receiving elements on the side where the signal cable or transverse lever exits the device). The indicating element shall be listed second and the remaining load receiving elements, in order, are then listed as components of the system.

12) Device (This was previously section 18)

This is a description of the device recorded on that line of the *Inspection Certificate* (i.e. computing scale, test weight, vehicle scale, bulk meter, fuel dispenser, etc.)

For devices with components, the second line (and following lines if there are many components) would describe the component (i.e. electronic register, ATC, computer, etc.). The only information shown for the secondary component will be device description, serial number and approval number.

**Only one device per line is to be entered on the certificate.** The only exceptions are standards, device types 01 (trade weights), 90 (dynamic length measures), 91 (static measures) and devices with consecutive serial numbers when initial factory inspections are performed at the manufacturers premises, and the client is unknown (zone 800). Devices with consecutive serial numbers entered on the same line of the certificate must also have

the same results and “as found” infraction otherwise a new line on the certificate must be used.

**Note:** Each certificate must be issued in the name of the client. If the permanent location and/or name of the client is unknown, the certificate must be issued in the name of the authorized service provider. One copy of each certificate must accompany each device to its permanent location.

13) Serial Number (This was previously section 19)

The alpha-numeric identification number of the device or component as indicated on the serial plate of the device must be recorded. The primary device will be on the first line followed by the secondary component(s) on the next line(s). All devices require a serial number. Do not leave this field blank. **If there is more than one device per line (see paragraph 18), the serial numbers must be consecutive and recorded on the certificate as, for example A123456-A123499. When specifying a range you must also enter a quantity. In this case the quantity would be (44) and should be clearly shown in brackets on the same line following the description of the device. The dash ( - ) between the two numbers represents the word “TO” and indicates a range to Measurement Canada’s data system.**

**Note:** The serial number is the key element for identifying devices within establishments. Measurement Canada’s data system will not accept two devices with the same serial number within an establishment; it will consider both devices as the same one.

14) Capacity and Interval (This was previously section 20)

The legal capacity of the device indicated on that line of the *Inspection Certificate* must be shown in terms of quantity and unit of measurement. **(For heavy duty scales, this is the capacity to which the device was inspected).** The approved capacity for truck scales may be captured in the comments section of the *Inspection Certificate*. The terms *tonne* & *tons* are not acceptable in Measurement Canada’s data system. Use the corresponding kilogram or pound capacities.

**Note:** If the device has one unit of measure, then record the **Max & e** in this unit of measure. If the device is switch selectable for units of measure, please ensure that the metric unit of measure is recorded in the capacity field of the certificate and a note is made in the comments that the device is capable of indicating in imperial (or other) units of measure as well.

For **volumetric measuring systems**, the approved maximum capacity of the device is to be recorded in the capacity field. The actual rate of flow at time of testing may be captured in the comment section of the inspection certificate.

For a **Multiple Dimension Measuring Device (MDMD)** enter the device data (description, serial number, etc.) on the first line of the certificate as normal and the first capacity/interval field will reflect the **largest** certified dimension. Typically this will be length. Enter **L** followed by the *maximum certified dimension for length*, followed by an ( x ) and the *minimum certified interval size for length*.

Move down a line on the certificate and enter data only in the capacity/interval field. This time, enter **W**, followed by the *maximum certified dimension for width*, followed by an ( x ) and the *minimum certified interval size for width*.

Move down a line on the certificate and enter data only in the Capacity/Interval fields. This time, enter **H**, followed by the *maximum certified dimension for height*, followed by an ( x ) and the *minimum certified interval size for height*.

Capacity and Intervals must be entered starting with the largest certified dimension. Typically, this will be the Length. If another dimension is the largest, begin with that dimension. In that case, the two remaining dimensions are to be entered on the subsequent lines. This is important as only the largest dimension on the first line will be captured in the database.

**Dimensions :** Data should be entered starting with the largest maximum certified dimension. Each entry is to be preceded by the letter L (length), W (width) or H (height) as appropriate.

**Intervals:** The certified interval for each corresponding dimension is to be entered. When an MDMD is configured with a multi-interval axis, it is the *minimum* certified interval for the axis that must be recorded. The other interval information may be captured in the certificate comments.

Example:

Device - Instrument	Serial Number - N° de série	Capacity / Interval Capacité / Écart cr	Approval# N° d'approbation	Device Interval		Product Type Code de produit	Inspection Type Genre d'inspection	Infraction de l'arrêté Observations	Result Résultat
				Type	Sub-type Sous-type				
VDVD	ABC123	L 160 cm x 1 cm	AM-5225C	30	20		1		V
		W 85 cm x 1 cm							
		H 35 cm x 35 cm							

**Identification Plate:** In case of a difference between approved and certified dimensions or intervals, the identification plate shall reflect approved values.

**Data Entry Instructions:** The capacity and interval dimensions recorded on the same line as the device data (description, serial number etc.), of the inspection certificate are to be captured in the designated capacity and interval fields of the STARS device entry screen. The dimensions listed on the two subsequent lines for that device, are to be captured in the comments preceded by the W, H or L, with the capacity and interval separated by an ( x ).

**Note 1:** For gravimetric devices, when the scale interval is captured on the inspection certificate, it should be recorded in the capacity field for example as (100,000 kg x 10 kg). If there is not enough space in the capacity field of the certificate, the interval may be captured on the following line. This information is not mandatory.

**Note 2:** For Multi-Interval and Multi-Range devices, the largest certified capacity and interval is to be captured in this field. When appropriate, the smaller intervals and ranges could be captured in the comments section of the certificate.

15) Device Approval Number (New - Replaces Manufacturer code, section 21)

The device's approval number must be entered in full starting with the alpha prefix and followed by a four digit number. If the approval number also contains a letter "T" or "C", it should be recorded. The following are examples of complete approval numbers, i.e. SWA-1151, SD-WA-0614, SWA-T2084, AM-4511T, AV-2210, AM-5219C, etc. The approval number must be entered for the device and, if applicable, each of the listed components. Revisions to Notices of Approval are not to be recorded on the inspection certificate.

Device Approval numbers can be found on Measurement Canada's Web site at Measurement Canada / Approvals / Notice of Approvals Database:  
[http://strategis.ic.gc.ca/epic/internet/inmc-mc.nsf/en/h\\_lm02127e.html](http://strategis.ic.gc.ca/epic/internet/inmc-mc.nsf/en/h_lm02127e.html).

**Note:** Accredited and registered organizations will be allowed to use their existing stock of inspection certificates until exhausted or until December 31, 2007. During this transition period, recognized technicians are asked to enter the approval number for each device and component in the "manufacturer field" of their existing inspection certificate. This process should be continued until no later than December 31, 2007 when the inspection certificate is to have been re-printed with the appropriate approval number column.

16) Device Type (This was previously section 25)

The device type code represents the general type of device. Volumetric devices (dispensers, refuellers, bulk meters) are differentiated by capacity only. Describe the device accordingly. **See Appendix 1.**

17) Device Sub Type (This was previously section 26)

The sub type code describes in more detail the type of device. **See Appendix 1.**

**Note 1:** A vehicle scale not operated by a person familiar with and experienced in the operation of that scale, is deemed "**unattended**". This also applies to a vehicle scale who has a trained operator for business during the day but not during business at night.

**Note 2:** If a previously certified vehicle scale is modified to unattended operation, this will require recertification of the device. See bulletin M-08 (rev. 2) section 3.1 for details and, if you have any questions on whether or not an inspection is required or what tolerances are applicable, the Measurement Canada Regional Gravimetric Specialist should be contacted.

18) Product Code (This was previously section 27)

The product code identifies the product being measured by the device. This field is mandatory for volumetric devices if the product code is not 11 (Fuel (gas, diesel fuel, fuel oil, etc.)).<sup>1</sup> **See Appendix 4.**

19) Inspection Type (This was previously section 24)

The inspection type code represents the type of inspection conducted on the device(s) indicated on that line of the *Inspection Certificate*.

**Note:** The following inspection codes are to be used by **an accredited organization**. Registered organizations will be using inspection codes that start with the letter R, as described in the **"Registered Organization - Inspection Types"** section that follows:

**Accredited Organization - Inspection Types**

- # **A1** - Initial Factory Inspection by an accredited organization
- # **A2** - Initial Field Inspection by an accredited organization
- # **A3** - Subsequent Inspections by an accredited organization
- # **A7** - Re-inspection by an accredited organization
- # **A0** - Inspection type to remove a rejected device by an accredited organization when the owner decides to replace it. (Inspection Type A0 can only be used with "As Found" infraction type "E" and inspection results "E").

**Note:** **An initial inspection should be coded as inspection type A1 or A2. If the device is not complying with the regulations, it should be coded A1 or A2 and rejected. The marking should remain on the device as required by section 22 of the regulations. When the device is subsequently inspected, it should be inspected under inspection type A1 or A2 until it complies.**

**Registered Organization - Inspection Types**

- # **R1** - Initial Factory Inspection by a registered organization
- # **R2** - Initial Field Inspection by a registered organization
- # **R3** - Subsequent Inspections by a registered organization
- # **R7** - Re-inspection by a registered organization
- # **R0** - Inspection type to remove a rejected device by a registered organization when the owner decides to replace it. (Inspection Type R0 can only be used with "As Found" infraction type "E" and inspection results "E").

**Note:** **An initial inspection should be coded as inspection type R1 or R2. If the device is not complying with the regulations, it should be coded R1 or R2 and rejected. The**

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<sup>1</sup> Petroleum Products code 11 is the default product type for all meters in device types 50-\*dispensers, 51-\*refuellers, 52 -\* bulk metes and 55 -\*gravity meters.

**marking should remain on the device as required by section 22 of the regulations. When the device is subsequently inspected, it should be inspected under inspection type R1 or R2 until it complies.**

When an inspection is performed by a recognized technician of a **registered organization** in the presence of a Measurement Canada inspector (follow-up inspection with the technician), the following codes must be used:

- # **M1** - Initial factory inspection by a registered organization in the presence of Measurement Canada
  - # **M2** - Initial field inspection by a registered organization in the presence of Measurement Canada
  - # **M3** - Subsequent inspection by a registered organization in the presence of Measurement Canada
  - # **M7** - Re-inspection by a registered organization in the presence of Measurement Canada
- See Appendix 5 for all Inspection Type Definitions.**

20) **As Found** (This was previously entitled "Infraction Type" - section 23)

The "as found" represents the device's compliance with the *Weights and Measures Act and Regulations* or its "as found" status on arrival at the establishment's premises. This "as found" infraction code must be recorded on the inspection certificate prior to the adjustment and/or repair of each device. The device's as found status is very important. It is an indication of the performance of the marketplace and will assist Measurement Canada (along with other factors) in determining frequency of certification periods for device types within various trade sectors and the focus of Measurement Canada's marketplace monitoring programs. "As Found" errors identified by authorized service providers and Measurement Canada inspectors will also be compared to identify trends.

**If more than one infraction error is found, the most important infraction from the prioritized list below is to be recorded in the "as found" field. Any other errors are to be recorded in the "Comments" section as described in section 24).**

**"As Found"**

Type	Description
F	Fraud

**Degree of measurement inaccuracy identified:**

D9	>9 tolerances disadvantages consumer
D8	>8 but <=9 tolerances disadvantages consumer
D7	>7 but <=8 tolerances disadvantages consumer
D6	>6 but <=7 tolerances disadvantages consumer
D5	>5 but <=6 tolerances disadvantages consumer
D4	>4 but <=5 tolerances disadvantages consumer
D3	>3 but <=4 tolerances disadvantages consumer
D2	>2 but <=3 tolerances disadvantages consumer

D1	>1 but <=2 tolerances disadvantages consumer
9	>9 tolerance disadvantages trader
8	>8 but <=9 tolerances disadvantages trader
7	>7 but <=8 tolerances disadvantages trader
6	>6 but <=7 tolerances disadvantages trader
5	>5 but <=6 tolerances disadvantages trader
4	>4 but <=5 tolerances disadvantages trader
3	>3 but <=4 tolerances disadvantages trader
2	>2 but <=3 tolerances disadvantages trader
1	>1 but <=2 tolerances disadvantages trader

**Others:**

N - Non Measurement. A device that meets applicable performance, installation and use specifications, but that violates one or more specifications for design, composition or construction.

I - Installation. A device that meets all applicable specifications with the exception of applicable installation specifications.

U - Usage Infraction. A device that meets all applicable performance specifications but is used in a manner that causes a weighing or measuring infraction.

M - Metric Infraction. To be utilized only when devices are not configured in metric units of measurement in the retail petroleum, retail food and retail home furnishings trade sectors and when there are no other infractions.

E - Erase/Remove Device (Infraction type "E" can only be used with Inspection Results "E").

**Note:** A device must not be non-verified where device Usage *U* is the only contravention. The infraction code *U* must be utilized in instances where the authorized service provider believes a warning letter is warranted and wishes to bring the matter to the attention of Measurement Canada.

21) Result (Inspection Result) (This was previously section 22)

The code represents the result of the device inspection indicated on that line of the *Inspection Certificate*. The following is a list of codes and their meanings, as well as clarifications on when these codes are to be used:

### Inspection Results

#### # V - Verified

When the device is within the allowable limit of error. *Note: Service Contract requirements may apply limits of error that are more restrictive than the legislated limits of error for the device. Adjustments to bring devices within these "Service Contract" requirements may be noted in the comments section of the Inspection Certificate and Test Reports but are not reported as adjustments for Certification / Monitoring purposes.*

**# W - Warning - Error against Trader (2)****# R - Rejected - Error against Consumer (1)**

*W and R are to be used when an error greater than the limit of error or other infraction is discovered, and the device CANNOT be brought into compliance during the Inspection/Service. The device must be Re-inspected at a later date, i.e. after servicing to correct the error, for it to be Verified.*

**# E - Erase/Remove**

Where device was rejected and the owner decides to replace the device. (The removal of a device using inspection results "E" can be included on the same certificate along with another entry of the same device where that device was previously inspected).

- (1) Reject (R) Codes are to be used when the consumer would be disadvantaged due to the error. This could be caused by a device used for selling, over-indicating, or a device used for buying, under-indicating. See Note 3 below.
- (2) Warning (W) Codes are to be used when the trader would be disadvantaged due to the error. This could be caused by a device used for selling, under-indicating or a device used for buying, over-indicating. See Note 3 below.
- (3) When coding a Rejection or Warning, it is imperative that the technician properly ascertain all modes of usage for the device. If the device may be used for both Buying and Selling, then any measurement error is to be coded as REJECT (R ) error.

**Note: All inspection results must be accompanied by an “as found” infraction code except when the device meets all the requirements, on arrival at the establishment’s premises.**

The device’s as found status is very important. It is an indication of the performance of the marketplace and will assist Measurement Canada (along with other factors) in determining frequency of certification periods for device types within various trade sectors and the focus of Measurement Canada’s marketplace monitoring programs. “As Found” errors identified by authorized service providers and Measurement Canada inspectors will also be compared to identify trends. See paragraph 20 for the prioritized list of “as found” infractions.

**22) Trade Sector (This was previously section 16)**

The trade sector code is a four digit numeric code entered on each line of the inspection certificate for every device inspected. This sector code should represent the primary source of revenue generated by the product weighed or measured for trade purposes, by the **device** found at the establishment. Each device is therefore subject to the requirements of the trade sector applicable to the product being measured. A device used to measure products in multiple sectors will have to meet the requirements of the most stringent sector and the trade sector entered on the inspection certificate should reflect the most stringent sector. **See Appendix 3.**

**Note:** Accredited and registered organizations will be allowed to use their existing stock of inspection certificates until exhausted or until **December 31, 2007**. During this transition period, technicians are asked to enter the number of the line or lines corresponding to the



trade sector code for each device, in the comment section. For example, if the trade sector code for devices listed on lines 1, 2, 3, 4, 5, 6 and 9 of the inspection certificate is *1801 - Automotive Fuel / Petroleum Retailers*, then the numbers 1, 2, 3, 4, 5, 6 and 9 should be recorded in section 25 entitled "Comment Line No." and the trade sector code 1801 should be recorded in section 26 entitled "Comments". The same should be done for lines 7, 8 and 10 of the inspection certificate. **WHEN** the trade sector is common to all devices recorded on the inspection certificate, comment #0 can be used. This process should be continued until no later than December 31, 2007 when the inspection certificate are to have been re-printed with the appropriate trade sector field.

See "**Sample Inspection Certificate, Revision 3.3**" posted on Measurement Canada's Web Site at: [http://strategis.ic.gc.ca/epic/internet/inmc-mc.nsf/en/h\\_lm02521e.html](http://strategis.ic.gc.ca/epic/internet/inmc-mc.nsf/en/h_lm02521e.html)

23) Should be recertified before (Date) (New section)

Measurement Canada launched the **Voluntary Periodic Certification Program for Devices** on November 27, 2006 outlining the instances when a recertification date is required, and what devices and trade sectors form part of this program.

The recertification date represents the recommended frequency of certification for devices within specific trade sectors under the **Voluntary Periodic Certification Program for Devices** established by Measurement Canada. Recommended frequency of certification periods have been established for the various device types within these trade sectors, and the appropriate recertification dates are to be recorded on the inspection certificate for the device types and trade sectors defined in this document. The recommended recertification date should be entered numerically, in the appropriate column of the inspection certificate, and in the format yy / mm.

**Note 1:** If recognized technicians of authorized service providers are using their existing stock of inspection certificates and a column for the recertification date is not available, technicians are asked to record the recertification dates for the devices that form part of this program in the comment section 26 as "**Should be recertified before: (date)**". This will be necessary until such time as existing stocks of inspection certificates are exhausted or until **no later than December 31, 2007** when new inspection certificates are to have been re-printed with the appropriate column for this date.

**Note 2:** A service station gasoline dispenser (trade section *1801 - Automotive Fuel / Petroleum Retailers*) for example is inspected and certified on September 20, 2007. The recommended certification frequency is two years, therefore the next recommended recertification date is September, 2009. The phrase "**Should be recertified before September, 2009**" should be written in the comment section on the same line and directly behind the trade sector code when a column for the recertification date is not available on the inspection certificate.

24) Comment Line No. (This was previously section 29)

A number must be recorded on each device line for which there is a corresponding comment in the Comments box. The same number must be recorded in the comment box so that the comment and appropriate device can be associated at the time of data entry.

**Note:** Each comment line # is unique and there can be only one comment number for each device line. For example, if the same comment applies to 2 or more devices then each device line must have its own comment number. (i.e. comment #1,#2,#4,#5 - kg label must be replaced.)

25) Comment Line No. (This was previously section 30)

Enter the comment line number(s) applicable to the comments recorded beside each device line as described in 24) above.

**Note:** Comment line #0 will associate comments to the whole inspection and not to a particular device. (Comment line #0 can be used in reference to the trade sector when the trade sector is common to all devices recorded on the inspection certificate.)

26) Comments (This was previously section 31)

Comments which the recognized technician deemed necessary for data capture (i.e. reasons for device non-verification, annotations or restrictions, etc.) are to be written on a designated line and a check mark (✓) added in the capture box prior to and adjacent to this line. This is also a good place to enter Truck numbers when doing Truck Meters. A list of comments (annotations and restrictions), and definitions has been included for your use, as follows :

Generic Annotations:

Broken / missing seals  
Repairs not carried out

Name plate missing  
Unreadable serial number

Gravimetric Annotations:

- Defective indicating element
- Repeatability / section error

**"Not to be used to weigh a NET load of less than << xxx >> kilograms"**. Minimum weight that can be weighed on the device as configured. This annotation should be used where there exists a possibility that the device will be used below this minimum.

**Portable Installation Valid Until << date >>**. Annotation required when placing a portable vehicle scale in a portable installation. Date is generally no more than one year after the inspection date. Actual date to be determined by inspector. See STP-7 for more information.

**"For Prepacking Use Only"** - for devices which are designed for use in prepackaging situations only, i.e. (Retail Food).

**"Approaches were not completed at the time of initial inspection. Device owner agrees to complete the approaches in accordance with section 63 (NAWDS), by May 31, XXXX".**

For vehicle scale systems installed in the winter months, when it is not always feasible to provide either permanent foundations or approaches due to ground frost.

**Note:** When an initial inspection is scheduled by Measurement Canada or an authorized service provider, a letter of intent to complete the approaches meeting legislative requirements by May 31<sup>st</sup> of the following year, signed by the perspective device owner, shall be sent to the District Manager of the nearest Measurement Canada District Office.

**"This device not to be used for multi-draft weighing"**

This annotation should be used whenever a short-deck vehicle scale is inspected and there is reasonable expectation that it may be used to weigh vehicles which are too long to be fully supported by the load receiving element. A typical situation is a 10m scale at a gravel pit with truck and pup combinations.

**"This device was inspected at the factory as a portable unit. All permanent installations will be subject to pertinent requirements."**

Annotation to be used where a portable device is inspected in a factory situation but may ultimately be installed permanently.

**"Suitable access to be provided/maintained for subsequent testing"**

Annotation used whenever access to the device is likely to be subsequently impede following initial inspection. Typical installations include livestock scales which often have corrals built around them which makes subsequent access with test equipment impossible.

#### Volumetric Annotations:

- Defective ATC

**Meter # "X" shall not be used at flow rates less than [minimum flow rate]**

- In cases where it is possible to operate a meter below its minimum flow rate.

**Meter # "X" product depletion test conducted at XXX lpm**

- In some cases a device owner or service company will slow down the delivery rate of a system so that it may pass the product depletion test. As they may increase the flow rate following the inspection, it is desirable to know what rate the test was done at.

**The device(s) described above are not to be used in trade when the automatic temperature compensation feature is not in use."** Annotation required to advise the trader that the ATC function cannot be turned off without the permission of a Measurement Canada inspector. **See Bulletin V19 rev. 1, section 4.2.4.**

**Note to Data Entry Personnel:** When this comment is found on an inspection certificate, it should always be data entered into the comment section of STARS (whether the capture comment field on the certificate has been checked or not).

For Liquid Control (LC) meters: (use comment line 1) and then in comments

- **Unit #12 meter #1 products 1, 3, 6, 10 730 = 537.7654 P/L**  
Translated this means truck 12, meter 1, was set up to measure gasoline as products 1, 3, 6, 10, and the density value was set at 730 and the pulses per litre as left were 537.7654

For Mid:com registers:

- **Unit# 6 Meter #1 730 switches 1,0,9,8,4,5,2**

For Accuload registers:

- **Meter# 6 Rack# 2 Base# = 13P/L MMF= 1.000 MF1=1.0017 @ 1350LPM MF2 = 1.0021 @ 600LPM Density 730 ATC and APC**

Restrictions:

1. For scales tested at the factory and that can be affected by the effect of gravity (usually small capacity devices): **"The initial inspection was performed at the factory. The scale(s) may require readjustment upon relocation due to changes in acceleration due to gravity."**
2. For fluid measuring devices (gasoline dispensers, vehicle or rack mounted meters): **"The device was calibrated for and can only be used in trade to measure (generic name of the product and density)." Or, in cases where the meter was not tested on the actual product, it is desirable to know what product and factors were used: "Meter # "X" was not tested on [product name] P/L of XXX.XXX from [product name] used."**

Typical generic names and density:

Propane 510 kg/m<sup>3</sup> (LPG)

Gasoline 730 kg/m<sup>3</sup> (G)

Fuel 840 kg/m<sup>3</sup> (F)

Aviation Gas 100/300

Jet Fuel

When any comment regarding restrictions, etc. is recorded on the *Inspection Certificate*, the trader's (or his representative) signature must be obtained. If the trader refuses to sign the *Inspection Certificate* then the recognized technician of the authorized service provider will enter "REFUSED TO SIGN" in the signature section. It is not necessary to have the trader sign the certificate for all comments made by the recognized technician of the authorized service provider; only those that are serious in nature.

27) Trader's Signature (This was previously section 32)

This space is provided for the trader's or the trader's agent's signature. A signature is required whenever the *Inspection Certificate* contains a rejection, the device has been restricted in any way or the certificate has been annotated. In short all certificates that are not unrestricted verifications should be signed.

If the trader refuses to sign the *Inspection Certificate* then the recognized technician of the authorized service provider will enter "REFUSED TO SIGN" in the signature section.

28) Authorized Service Provider's Recognized Technician's Signature (This was previously section 33)

The signature of the recognized technician of the authorized service provider who perform the inspection certifies the inspection of the devices on the *Inspection Certificate*.

29) Recognized Technician's Assigned Number (This was previously section 34)

The authorized service provider's recognized technician's number is a six digit alphanumeric code assigned by Measurement Canada. The first four digits are the Authorized Service Provider's organization number (see "Top of Certificate" section for details), and the last two digits represent a unique number for each recognized technician in the organization.

Example 1:

- Two recognized technicians employed by an accredited organization with the inspector number 025, will have the following numbers A-02501 and A-02502 respectively.

Example 2:

- Two recognized technicians employed by a registered organization with the inspector number 123, will have the following numbers R-12301 and R-12302 respectively.

The recognized technician must clearly print the whole number in this field when completing an inspection certificate.

30) Date (This was previously section 35)

The date of inspection must be shown numerically. When an inspection spans over more than one day, the day the inspection is concluded and the *Inspection Certificate* is issued must be the date shown. It must be entered in the format yy/mm/dd.

### **Back of the Certificate:**

To permit an understanding of the certificate by the owner or the person in possession of the device(s) described on the certificate, the codes and their description as shown in section 19, 20 and 21 of this manual must accompany the certificate as does the "Canada" Wordmark. It is suggested that they appear on the back of the certificate, however, they could be annexed to the certificate, on a separate document, as long as the certificate refers to it. For the appropriate use of the "Canada" Wordmark see Measurement Canada's web site at: [http://strategis.ic.gc.ca/epic/internet/inmc-mc.nsf/en/h\\_lm03222e.html](http://strategis.ic.gc.ca/epic/internet/inmc-mc.nsf/en/h_lm03222e.html).

## Device Types &amp; Sub-types

## Device Types & Sub-types Table

GRAVIMETRIC DEVICES				
Type		Sub Type		Description
1	Trade Weights	10		includes all trade weights <b>- Not Applicable to Authorized Service Providers</b>
2	Computing Scales	10	Non-Automatic Retail Computing Counter scale	includes all non-automatic retail computing counter scales
		11	Automatic Retail Computing Counter scale	includes all automatic retail computing counter scales <b>** Future Device Type **</b>
		20	Non-Automatic POS system	includes all non-automatic Point of Sale (POS) systems
		21	Automatic POS system	includes all automatic Point of Sale (POS) systems <b>** Future Device Type **</b>
		30	Non-Automatic Prepack scale	includes all non-automatic Prepack scales
		31	Automatic Prepack scale	includes all automatic Prepack scales.
3	Platform Scales	10	Non-Automatic	includes all dormant, axle, bagging, postal etc.
		11	Automatic	includes all automatic platforms. Conveyor belt scales excluded.
		20	Multi-Deck	includes all multi-deck platform scales.
		21	Automatic Multi-Deck	<b>** Future Device Type **</b>
4	Hopper Scales	10	Non-Automatic	includes all hopper & tank scales
		11	Automatic	includes all bulk weighing systems (grain receivers).
5	Crane Scales	10	Non-Automatic	includes all crane scales
6	Conveyor Belt Scales	11	Automatic	includes all conveyor belt scales. (Platforms with conveyors atop excluded.)
7	Overhead Rail Scales	10	Non-Automatic	includes all non-automatic overhead rail type scales.
		11	Automatic	includes all automatic overhead rail type scales.

## Device Types &amp; Sub-types

GRAVIMETRIC DEVICES (cont'd.)				
Type		Sub Type		Description
8	On Board Weighing	10	Non-Automatic	includes all non-automatic on-board weighing systems
		11	Automatic	includes all automatic on-board weighing systems
9	Vehicle Scales	10	Non-Automatic Single Deck	includes all <b>attended</b> non-automatic single deck vehicle scales. Not axle scales.
		11	Automatic Single Deck	includes all <b>attended</b> automatic single deck vehicle scales. Not axle scales.
		20	Non-Automatic Multi-Deck	includes all <b>attended</b> non-automatic multi-deck vehicle scales.
		21	Automatic Multi-Deck	includes all <b>attended</b> automatic multi-deck vehicle scales.
		30	Non-Automatic Single Deck	includes all <b>unattended</b> non-automatic single deck vehicle scales. Not axle scales.
		31	Automatic Single Deck	includes all <b>unattended</b> automatic single deck vehicle scales. Not axle scales.
		40	Non-Automatic Multi-Deck	includes all <b>unattended</b> non-automatic multi-deck vehicle scales.
		41	Automatic Multi-Deck	includes all <b>unattended</b> automatic multi-deck vehicle scales.
10	Railway Scales	10	Non-Automatic	includes all non-automatic railway & combination scales
		11	Automatic	includes all automatic railway scales.
		20	Non-Automatic Multi-Deck	includes all non-automatic multi-deck railway scales.
		21	Automatic Multi-Deck	includes all automatic multi-deck railway scales.

## Device Types &amp; Sub-types

**Note: ATC = Automatic Temperature Compensator**

**APC = Automatic Pressure Compensator**

VOLUMETRIC DEVICES				
Type		Sub Type		Description
50	Dispensers	10	Retail	includes all uncompensated automotive type dispensers ( $\leq 90$ LPM); excludes blending dispensers
		11	Retail Temperature Compensated	includes all automotive type dispensers incorporating an ATC ( $\leq 90$ LPM); excludes blending dispensers
		20	Blending	includes all uncompensated dispensers with blend capabilities ( $\leq 90$ LPM)
		21	Blending Temperature Compensated	includes all dispensers with blend capabilities and incorporating an ATC ( $\leq 90$ LPM)
51	Refuellers	10	Refueller	includes all uncompensated refueller type dispensers ( $> 90$ LPM & $\leq 250$ LPM)
		11	Refueller Temperature Compensated	includes all refueller type dispensers incorporating an ATC ( $> 90$ LPM & $\leq 250$ LPM)
52	Bulk Meters	10	Rack Meter	includes all uncompensated bulk meters ( $> 250$ LPM); excludes truck mounted meters.
		11	Temperature Compensated Rack Meter	includes all bulk meters incorporating an ATC ( $> 250$ LPM); excludes truck mounted meters
		12	Complex Rack Meter	includes all bulk meters incorporating an ATC ( $> 250$ LPM) with one or more of the following: terminal automation system (TAS); no air elimination equipment; multi-meter / single register; and/or special piping considerations (not in accordance with MC's Standard Installation Templates); excludes truck mounted meters.
		13	Pressure Compensated Rack Meter	includes all bulk meters incorporating an APC; excludes truck mounted meters.
		20	Truck Mounted Meter	includes all uncompensated truck mounted bulk meters ( $> 250$ LPM)
		21	Temperature Compensated Truck Mounted Meter	includes all temperature compensated truck mounted bulk meters incorporating an ATC ( $> 250$ LPM)



## Device Types &amp; Sub-types

VOLUMETRIC DEVICES (cont'd.)				
Type		Sub Type		Description
52	Bulk Meters	22	Complex Truck Mounted Meter	includes all truck mounted bulk meters incorporating an ATC (> 250 LPM) with one or more of the following: multi-meter/single register, multi-product /single meter, and/or special piping considerations (not in accordance with MC Standard Installation Templates)
		23	Pressure Compensated Truck Mounted Meter	includes all truck mounted bulk meters incorporating an APC
53	Mass Flow Meters	10	Uncompensated	includes all uncompensated mass flow meters
		11	Temperature Compensated	includes all mass flow meters incorporating an ATC
54	Slow Flow Meters	10	Uncompensated	includes all slow flow meters
55	Gravity Meters	10	Uncompensated	includes all uncompensated gravity meters
		11	Temperature Compensated	includes all gravity meters incorporating an ATC

GENERAL DEVICES				
Type		Sub Type		Description
90	Dynamic Measures	10	Length Measuring Devices	includes all single dimension length measuring devices. <b>Does not</b> include static linear measures.
		20	Length Measuring Devices - Multiple Dimension	includes all static and dynamic multiple dimension measuring devices - MDMD
		30	Area Measuring Devices	includes all area measuring devices
		40	Volume (solid) Measuring Devices	includes all solid volume measuring devices. <b>Does not</b> include MDMD.
91	Static Measures	10	Linear	includes all static linear measures, including tapes, rulers, etc.
		20	Volumetric	includes all static volumetric measures

## Trade Sectors

## Trade Sector Table

### Retail and Wholesale Trade Definitions:

**Retail Trade:** the sale of goods to the public (consumers) for use or consumption generally by the unit or small quantity.

**Wholesale Trade:** the sale or purchase of goods in large quantities to be resold by others (retailers) to the public (consumers); or for use or consumption by industry, commercial establishments or institutions.

Code	Trade Sectors and sub-sectors	Code	Trade Sectors and sub-sectors
<b>01 : FISHING &amp; FISH PRODUCTS INDUSTRIES</b>		<b>04: UPSTREAM PETROLEUM INDUSTRY</b>	
116	Fish Products Industry	408	Crude Petroleum & Natural Gas Production
117	Fishing Industries	410	Services Incidental to Petroleum & Natural Gas
199	Other Fish Products Industries	411	Pipeline Transport Industries
		499	Other Upstream Petroleum Industries
<b>02 : LOGGING, FOREST AND FOREST PRODUCTS</b>		<b>05 : MINING AND METALS INDUSTRIES</b>	
202	Logging and Forestry Industry	502	Mining Industries
203	Wood Products Industry	504	Metals Industries
206	Pulp and Paper Industry	599	Other Mining & Metals Industries
207	Retail Fuel Wood Industry		
214	Other Paper Products Industry	<b>06 : DOWNSTREAM PETROLEUM INDUSTRY</b>	
215	Wholesale Paper Products Industry	601	Wholesale Petroleum Industry
216	Wholesale Forest Products Industry	603	Wholesale Liquefied Petroleum Gases
299	Other Products - Wholesale Industry		
<b>03: GRAIN AND FIELD CROP INDUSTRY</b>		<b>07: LIVESTOCK INDUSTRY</b>	
304	Grain Elevator and Grain Wholesale Trade Industries	701	Livestock Industry
305	Field Crop Farm Sector	799	Other livestock Industries
306	Feed Industry		
308	Seed Industry	<b>08: ELECTRICITY INDUSTRY</b>	
399	Other Grain & Crop Industries	801	Electricity Industry

## Trade Sectors

Code	Trade Sectors and sub-sectors	Code	Trade Sectors and sub-sectors
<b>09: FOOD AND BEVERAGE MANUFACTURING</b>		<b>13: TELECOMMUNICATION INDUSTRY</b>	
903	Bakery Products Industries	1301	Telecommunication Industry
905	Sugar and Chocolate Confectionary Industry	1399	Other Telecommunication Industries
910	Food, Wholesale	<b>14 : STEAM AND HOT WATER INDUSTRY</b>	
914	Vegetable Oil Mills (except Corn Oil)	1401	Steam and Hot Water Industry
920	Soft Drink Industry	<b>15 : DAIRY FARMS / DAIRY PRODUCTS INDUSTRY</b>	
922	Cane and Beet Sugar Industry	1501	Dairy Products Industries
999	Other Food Products Industries	1504	Fluid Milk Industry
<b>10 : CHEMICAL PRODUCTS INDUSTRY</b>		1599	Other Dairy Products Industries
1002	Pharmaceutical and Medicine Industry	<b>16 : FUR AND SKIN INDUSTRY</b>	
1004	Industrial Chemicals Industries	1601	Fur Stores
1010	Agricultural Chemical Industries	1603	Furs and Skins, Wild
1012	Other Agricultural Chemical Industries	1699	Other Manufactured Products
1099	Other Chemical Products Industries	<b>17 : WATER INDUSTRY</b>	
<b>11 : NATURAL GAS DISTRIBUTION</b>		1701	Water Utilities
1101	Natural Gas Distribution	1703	Water Bulk Deliveries
<b>12 : TEXTILE INDUSTRIES</b>		1705	Septic Services
1203	Textile Industries	1799	Other Water Industries
1299	Other Textile Industries		

## Trade Sectors

Code	Trade Sectors and sub-sectors	Code	Trade Sectors and sub-sectors
<b>18 : RETAIL GASOLINE INDUSTRY</b>		<b>21 : TRANSPORTATION INDUSTRY</b>	
1801	Automotive Fuel / Petroleum Retailers	2101	Postal and Courier Services
1804	Automotive Propane Retailers	2103	Air Cargo Transportation Industry
1805	Fuel Dispensers at Small Marinas	2107	Truck Transport Industry
1808	Service stations with card-lock / key-lock systems	2109	Railway Transport Industry
1809	Truck Meters Used for Residential Heating Fuel	2111	Ship Transportation Industry
1813	Refuellers at Local Airports	2199	Other Transportation Industries
1815	Fuel Dispensers at Local Airports	<b>22 : RETAIL FOOD INDUSTRY</b>	
1823	Propane Bottle Fill Scales	2201	Canadian Supermarkets and Grocery Stores
1899	Other Retail Petroleum Industries	2205	Candy and Nut Stores
<b>19: FRUIT AND VEGETABLE INDUSTRY</b>		2207	Fruit and Vegetable Stores
1901	Fruit and Vegetable Industries	2209	Meat Markets
1903	Fruit and Other Vegetable Farms	2215	Other Food Specialty Stores
1905	Potato Farms	2299	Other Retail Food Industries
1907	Horticultural Specialties	<b>23 : WASTE COLLECTION AND DISPOSAL INDUSTRY</b>	
1999	Other Fruit and Vegetable Industries	2301	Waste Collection and Disposal Industry
<b>20 : METAL SCRAP INDUSTRY</b>		<b>24 : TAXICAB INDUSTRY</b>	
2006	Automobile Wrecking	2401	Taxicab Industry
2099	Other Scrap Metal Industries		

## Trade Sectors

Code	Trade Sectors and sub-sectors	Code	Trade Sectors and sub-sectors
<b>25 :</b>	<b>PARKING LOTS AND PARKING GARAGES</b>	<b>31 : ALCOHOLIC BEVERAGES (BEER, WINE, DISTILLERS)</b>	
2501	Parking Lots and Parking Garages	3101	Alcoholic Beverages, Wholesale
		3103	Distillery Products Industry
<b>26 :</b>	<b>TOBACCO INDUSTRY</b>	3105	Brewery Products Industry
2601	Tobacco Products Industry	3107	Wine Industry
2603	Leaf Tobacco Industry		
2699	Other Tobacco Industries	<b>32 : CAR AND TRUCK LEASING</b>	
		3201	Car and Truck Leasing
<b>27 :</b>	<b>QUARRIES AND SAND PITS</b>	<b>33 : PRECIOUS METALS AND STONES</b>	
2701	Quarries	3301	Jewelry and Precious Metal Industries
2704	Sand and Gravel Pits	3399	Other Precious Metals & Stones Industries
2799	Other		
<b>28 :</b>	<b>NON-METALLIC MINERALS</b>	<b>34: PIECE GOODS (WHOLESALE AND RETAIL)</b>	
2806	Concrete Products Industry	3401	Piece Goods, Wholesale
2899	Other Non-Metallic Minerals	3403	Floor Coverings, Wholesale
		3404	Floor Covering Stores
<b>29 :</b>	<b>TRADE CONTRACTOR (WATER WELL DRILLING)</b>	3405	Fabric and Yarn Stores
2901	Trade Contractor (Water Well Drilling)	3407	Drapery Stores
		3499	Other Piece Goods Industries
<b>30 :</b>	<b>HONEY AND OTHER APIARY</b>	<b>35 : LAUNDRIES AND CLEANERS</b>	
3001	Honey and Other Apiary	3505	Laundries and Cleaners

## Trade Sectors

Code	Trade Sectors and sub-sectors	Code	Trade Sectors and sub-sectors
<b>36 :</b>	<b>GENERAL MERCHANDISE (WHOLESALE)</b>	<b>38 :</b>	<b>VENDING MACHINES</b>
3601	General Merchandise (Wholesale)	3801	Vending Machines
3699	Other General Merchandise		
		<b>39 :</b>	<b>HARDWARE STORES - RETAIL</b>
<b>37 :</b>	<b>RUBBER PRODUCTS (MANUFACTURING)</b>	3901	Hardware Stores - Retail
3701	Rubber Products (Manufacturing)	3999	Other Hardware Products
3799	Other Rubber Products		
<b>RESTRICTED USE SECTOR</b>			
<b>90 :</b>	<b>MASS</b>		
9001	This generic mass sector is <u>restricted for the use</u> of authorized service providers who are distributors of platform scales.		

## **SECTOR 01 : Fishing and Fish Products Industries**

### **0116 Fish Products Industry**

Establishments where the device's primary source of revenue is generated by products in the eviscerating, skinning, filleting, breaching, pre-cooking, blanching or otherwise processing fish including molluscs, crustaceans, fish roe and/or other marine animals and plants as well as establishments where the device's primary source of revenue is generated by products producing fish oil.

### **0117 Fishing Industries**

Establishments where the device's primary source of revenue is generated by products from the catching or gathering of freshwater or salt water species of finfish and shellfish, and harvesting other freshwater and sea products. This industry also comprises establishments where the device's primary source of revenue is generated by products in the farm-raising finfish, shellfish, or any other kind of aquatic animal.

### **0199 Other Fish Products Industries**

Any establishment where the device's primary source of revenue is generated by any other fish products and not included in this sector.

## **SECTOR 02: Logging , Forest and Forest Product Industries**

### **0202 Logging and Forestry Industry**

Establishments where the device's primary source of revenue is generated by products in the cutting of timber, producing rough, round, hewn, or riven primary wood, and producing wood chips in the forest, including establishments who are on a fee or contract basis. Establishments where the device's primary source of revenue is generated by products from the cutting and transporting of timber are also included in this industry.

### **0203 Wood Products Industry**

Establishments where the device's primary source of revenue is generated by products in the manufacture of lumber, both rough and dressed, shingles and other sawmill or planing mill products. This industry includes manufacturing hardwood and softwood veneer and plywood.

### **0206 Pulp and Paper Industry**

Establishments where the device's primary source of revenue is generated by products in manufacturing pulp, paper, paperboard and building and insulation board.

**0207    Retail Fuel Wood Industry**

Establishments where the device's primary source of revenue is generated by products from the retail sale of loose wood products for use as fire fuel, includes wood and wood pellets.

**0214    Other Paper Products Industry**

Establishments where the device's primary source of revenue is generated by products in manufacturing asphalt saturated roofing and siding materials. This industry includes coating and treating paper, and converting paper stock into stationary supplies.

**0215    Wholesale Paper Products Industry**

Establishments where the device's primary source of revenue is generated by products from the wholesaling of stationary and office supplies.

**0216    Wholesale Forest Products Industry**

Establishments where the device's primary source of revenue is generated by products from wholesale dealing in forest products including logs and bolts, poles and pilings, pulpwood logs and wood chips.

**0299    Other Products Wholesale Industry**

Establishments where the device's primary source of revenue is generated by products from the wholesale dealing of all other wood products including fuel wood.

### **SECTOR 03: Grain and Field Crop Industry**

**0304    Grain Elevator and Grain Wholesale Trade Industries**

Establishments where the device's primary source of revenue is generated by products from the operation of country elevators or terminal elevators for the storage of grains. Establishments where the device's primary source of revenue is generated by products from buying and selling grain, whether operated by the Canadian Grain Commission or not would be considered as engaged in wholesale dealing in grain.

**0305    Field Crop Farm Sector**

Farms on which more than 50 percent of the gross agricultural revenue is derived from sales of cereal grains, oil seeds, grain corn, fodder and respectively encompass Wheat Farms, Small Grain Farms, Oilseed Farms, Grain Corn Farms, Forage, Seed and Hay Farms, and Dry Field Pea and Bean Farms.



**0306    Feed Industry**

Establishments where the device's primary source of revenue is generated by products from the manufacturing of balanced feeds and pre-mixes or feed concentrates. The feed contains ground or rolled grains, mill feeds, animal and vegetable proteins, minerals, essential vitamins and antibiotics. Establishments where the device's primary source of revenue is generated by products from custom grinding of grains (feed mills) are included in this industry, as well as wholesale dealing in hay, processed feeds and grains used as fodder.

**0308    Seed Industry**

Establishments where the device's primary source of revenue is generated by products from wholesale dealing in field crop seeds. Also includes establishments where the device's primary source of revenue is generated by products derived from services to crops and plants not elsewhere listed.

**0399    Other Grain and Crop Industries**

Any establishment where the device's primary source of revenue is generated by products from other grain or crop businesses and not included in this sector.

## **SECTOR 04: Upstream Petroleum Industry**

**0408    Crude Petroleum & Natural Gas Production**

Establishments where the device's primary source of revenue is generated by products from the exploration for and/or production of crude oil and natural gas whether by conventional or non-conventional methods. Includes establishments where the device's primary source of revenue is generated by products from operating field gathering lines containing the raw product, and prior to product cleaning.

**0410    Services Incidental to Petroleum & Natural Gas**

Establishments where the device's primary source of revenue is generated by products from the provision of drilling and other services to petroleum and natural gas industries.

**0411    Pipeline Transport Industries**

Establishments where the device's primary source of revenue is generated by products from the operation of pipelines for the transport of natural gas, crude oil and other products, from gas fields or processing plants to local distribution systems.

**0499 Other Upstream Petroleum Industries**

Any establishment where the device's primary source of revenue is generated by products from other upstream petroleum and not included in this sector.

## **SECTOR 05: Mining and Metals Industries**

**0502 Mining Industries**

Establishments where the device's primary source of revenue is generated by products from the operation of mines to extract metallic ores, including the dressing and beneficiating of such ores, such as gold, copper and nickel; non-metal mines such as asbestos, peat, gypsum, salt and potash; and coal mines.

**0504 Metals Industries**

Establishments where the device's primary source of revenue is generated by products from manufacturing ferro-alloys; steel casting; other steel in primary shapes; and coke from oven operated in connection with blast furnaces. It includes establishments where the device's primary source of revenue is generated by products from the primary production of aluminum alloys in primary shape, pipe tubing and powder; manufacturing copper and copper alloy casting and extrusion and other non-ferrous metals such as zinc, lead and nickel. It also includes manufacturing steel wire and wire products; communication and energy wires and cables; and conduit for electric wiring.

**0599 Other Mining & Metals Industries**

Any establishment where the device's primary source of revenue is generated by products from other mining or metals and not included in this sector.

## **SECTOR 06: Downstream Petroleum Industry**

Does not include sulphur, crude oil, natural gas, or mixtures of natural gas liquids, nor does it include any trade transaction or devices that are of a retail nature. These are included in either the Upstream Petroleum Industry (trade sector 04) or the Retail Gasoline Industry (trade sector 18). ***Recognized Technicians of Authorized Service Providers are to ensure that the appropriate Product Codes (as listed in Appendix 4) are used in conjunction with any devices that are inspected at these establishments.***

**0601 Wholesale Petroleum Industry**

Establishments where the device's primary source of revenue is generated by products from the trade measurement and trade transaction of refined liquid petroleum products (including heated

products) to retailers and commercial customers. It includes all meters and measurement systems such as truck and railway scales, platform scales for lube oils etc., pipeline meters, loading rack meters, rail transport metering systems, and vehicle mounted metering systems, used for commercial applications. The variety of products measured in this sector are numerous and diverse and would typically include the petroleum-based products derived from the refinery such as aviation fuels, gasoline, diesels, home heating fuels, lube oils, greases, waxes, bunker and asphalt to name but a few.

**0603    Wholesale Liquified Petroleum Gases**

Establishments where the device's primary source of revenue is generated by products from the bulk production or distribution of liquified propane gas or other petroleum-based secondary products such as butane, ethane and pentane. Natural Gas Processing plants may be included in this sector for this portion of their operation only.

## **SECTOR 07: Livestock Industry**

**0701    Livestock Industry**

Establishments where the device's primary source of revenue is generated by products from operating farms on which 50% of the gross agricultural revenue is derived from sales of cattle, hogs, poultry and eggs, sheep and goats, horses or a combination of these and other livestock. Also included are establishments where the device's primary source of revenue is generated by products from slaughtering animals and/or processing meat including poultry.

**0799    Other Livestock Industries**

Any establishment where the device's primary source of revenue is generated by products from other livestock businesses and not included in this sector.

## **SECTOR 08: Electricity Industry**

**0801    Electricity Industry**

Establishments where the device's primary source of revenue is generated by products from the generation, transmission and/or distribution of electricity. This industry includes the generation and transportation of electric power even if all or most of all the power is used in a particular manufacturing, mining or other plant.

## **SECTOR 09: Food and Beverage Manufacturing**

### **0903 Bakery Products Industries**

Establishments where the device's primary source of revenue is generated by products from manufacturing biscuits, bread and other bakery products.

### **0905 Sugar and Chocolate Confectionery Industry**

Establishments where the device's primary source of revenue is generated by products from caramelizing, syrup kneading, compressing, extruding, stamping or otherwise manufacturing starch goods (jelly candy of all kinds); hard sugar candy; cocoa powder; chocolate confectionary and cooking chocolate products unsweetened or sweetened.

### **0910 Food, Wholesale**

Establishments where the device's primary source of revenue is generated by products from wholesale dealing in confectionary, frozen foods (packaged), dairy products, poultry and eggs, fish and sea food, fresh fruits and vegetables, meat and meat products or specialty lines of foods.

### **0914 Vegetable Oil Mills (except Corn Oil)**

Establishments where the device's primary source of revenue is generated by products from crushing, expressing, oxidizing, dehydrating or otherwise processing oil seeds. The output from this industry is crude vegetable oil along with by-products such as meal and oil cake used as ingredients for livestock feed or fertilizer. Margarine and salad oil are secondary products of establishments in this sector.

### **0920 Soft Drink Industry**

Establishments where the device's primary source of revenue is generated by products from manufacturing non-alcoholic, carbonated beverages, mineral waters and concentrates and syrups for the manufacture of carbonated beverages.

### **0922 Cane and Beet Sugar Industry**

Establishments where the device's primary source of revenue is generated by products from processing raw sugar cane sugar, sugar beets or starches to finished sucrose, glucose or fructose.

**0999 Other Food Products Industries**

Establishments where the device's primary source of revenue is generated by products from the manufacturing or preparing of teas and coffees, dry pastas, potato chips, pretzels, popcorn, malt and other food products not elsewhere identified. This industry also includes establishments where the device's primary source of revenue is generated by products from food services such as branded restaurants and institutional food services which also includes catering and distribution.

## **SECTOR 10: Chemical Products Industry**

**1002 Pharmaceutical and Medicine Industry**

Establishments where the device's primary source of revenue is generated by products from manufacturing drugs and medicines for human or animal use.

**1004 Industrial Chemicals Industries**

Establishments where the device's primary source of revenue is generated by products from the manufacture of industrial organic chemicals such as: aliphatic acids, alcohols (except ethyl alcohol), glycols, unsaturated monomers, etc.; also included in this industry are plastic materials not shaped and additives for petroleum products; and, industrial inorganic chemicals, such as acids, alkalis, salts, compressed gases, radioactive chemical elements and other inorganic compounds.

**1010 Agricultural Chemical Industries**

Establishments where the device's primary source of revenue is generated by products from the manufacture of chemical fertilizers and fertilizer materials; mixed fertilizers including custom mixing.

**1012 Other Agricultural Chemical Industries**

Establishments where the device's primary source of revenue is generated by products from the manufacture of herbicides, fungicides, insecticides and other agricultural chemicals.

**1099 Other Chemical Products Industries**

Any establishment where the device's primary source of revenue is generated by products from other chemical products and not included in this sector.

## **SECTOR 11: Natural Gas Distribution**

### **1101 Natural Gas Distribution**

Establishments where the device's primary source of revenue is generated by products from the distribution of natural gas or synthetic gas through a system of mains. This industry is the domestic component that distributes natural gas to final demand users.

## **SECTOR 12: Textile Industries**

### **1203 Textile Industries**

Establishments where the device's primary source of revenue is generated by products from the manufacture of filament yarn, staple fibre, elastic yarn and tire cord yarn, woolen blankets, weaving paper maker's felt, felts, carpets, rugs, mats, fabrics, household products of textile materials, textile hygiene products, tire cord fabric cordage and twine; in processing filament yarns; spinning yarn with wool; knitting broad fabrics; dyeing, sponging, finishing, bonding or laminating textile fabrics or materials.

### **1299 Other Textile Industries**

Any establishment where the device's primary source of revenue is generated by products from other textile businesses and not included in this sector.

## **SECTOR 13: Telecommunication Industry**

### **1301 Telecommunication Industry**

Establishments where the device's primary source of revenue is generated by products from operating telephone and other telecommunication transmission services by electro-magnetic means. This sector includes broadband exchange service, cable service, telephone, overseas telephone service, public telephone service, satellite communication service. Telegraph communication service (wire and radio), telephone carrier service, telephone network service, telephoto service, teletype service and ticker tape service.

### **1399 Other Telecommunication Industries**

Any establishment where the device's primary source of revenue is generated by products from other telecommunication and not included in this sector.

## **SECTOR 14: Steam and Hot Water Industry**

### **1401 Steam and Hot Water Industry**

Establishments where the device's primary source of revenue is generated by products from operating utilities not elsewhere listed.

## **SECTOR 15: Dairy Farms / Dairy Products Industry**

### **1501 Dairy Products Industries**

Establishments where the device's primary source of revenue is generated by products from the processing of fluid milk and manufacturing other dairy products.

### **1504 Fluid Milk Industry**

Establishments where the device's primary source of revenue is generated by products from the processing of raw milk and cream. This industry also includes dairy milk tanks and milk measurement at dairy farms.

### **1599 Other Dairy Products Industries**

Establishments where the device's primary source of revenue is generated by products from the manufacture of dairy products such as butter, butter oil, cheese, cheese spreads, cottage cheese, cheese curds, processed cheese, specialty cheese and paste cheese, condensed and evaporated milk, powdered milk, malted milk mix and milk shake mix, cream, dried and powdered, ice cream and ice cream mix, ice milk products, sherbets, lactose and Whey products, not elsewhere listed.

## **SECTOR 16: Fur and Skin Industry**

### **1601 Fur Stores**

Establishments where the device's primary source of revenue is generated by products from the retail dealing in ready-to-wear or custom-made fur apparel, including coats and other apparel of sheepskin, leather or suede.

### **1603 Furs and Skins, Wild**

Establishments where the device's primary source of revenue is generated by products from hunting and trapping wild animals for furs and skins.

**1699 Other Manufactured Products**

Establishments where the device's primary source of revenue is generated by products from the furs and skins industry and not included in the above, for example, fur dressing and dyeing.

## **SECTOR 17: Water Industry**

**1701 Water Utilities**

Establishments where the device's primary source of revenue is generated by products from the treatment and distribution of water for household and other purposes. Included in this sector are often known as Water Boards or Water Commissions which are associated with local governments. This industry also includes establishments where the device's primary source of revenue is generated by products from the distribution (by pipe) of water for irrigation.

**1703 Water Bulk Deliveries**

Establishments where the device's primary source of revenue is generated by products from the distribution of bulk water by means of truck or loading facilities.

**1705 Septic Services**

Establishments where the device's primary source of revenue is generated by products from the collection and treatment of waste water, sewage or other effluent materials.

**1799 Other Water Industries**

Any establishment where the device's primary source of revenue is generated by products from other water industries and not included in this sector.

## **SECTOR 18: Retail Gasoline Industry**

**1801 Automotive Fuel/Petroleum Retailers**

Establishments where the device's primary source of revenue is generated by products from the retail sale of gasoline, diesel fuel, liquified natural gas, lubricating oils and greases and located and operated at retail gasoline outlets. Included in this industry are establishments where the device's primary source of revenue is generated by products from the dispensing of lubricating oil to motor vehicles.



**1804    Automotive Propane Retailers**

Establishments where the device's primary source of revenue is generated by products operated by retail gasoline and propane outlets dealing in propane motor fuel dispensers and refuellers.

**1805    Fuel Dispensers at Small Marinas**

Establishments where the device's primary source of revenue is generated by products from fuel dispensers used at small marinas to refuel small water craft.

**1808    Service stations with card-lock / key-lock systems**

Establishments where the device's primary source of revenue is generated by products from truck refuellers (cardlock / keylocks) rated at 0 - 250 litres per minute and found at retail and commercial fuel outlets.

**1809    Truck Meters Used for Residential Heating Fuel**

Establishments where the device's primary source of revenue is generated by products from the use of truck meters for residential heating fuel oil.

**1813    Refuellers at Local Airports**

Establishments where the device's primary source of revenue is generated by products from the use of refuellers with flow rates of 90 to 250 lpm which are used to refuel aircraft at local airports.

**1815    Fuel Dispensers at Local Airports**

Establishments where the device's primary source of revenue is generated by products from fuel dispensers used for light aircraft refueling at local airports.

**1823    Propane Bottle Fill Scales**

Establishments where the device's primary source of revenue is generated by products from the propane bottle fill scales located at retail gasoline and propane outlets.

**1899    Other Retail Petroleum Industries**

Any establishment where the device's primary source of revenue is generated by products from other retail petroleum and not included in this sector.

## **SECTOR 19: Fruit and Vegetable Industry**

### **1901 Fruit and Vegetable Industries**

Establishments where the device's primary source of revenue is generated by products from canning, drying, preserving, and freezing fruits and vegetables including juices, soups, pickles, ketchup and similar fruit and vegetable products.

### **1903 Fruit and Other Vegetable Farms**

Farms on which more than 50 percent of the gross agricultural revenue is derived from the sales of fruits and/or other vegetables.

### **1905 Potato Farms**

Farms on which more than 50 percent of gross agricultural revenue is derived from the sale of potatoes.

### **1907 Horticultural Specialties**

Establishments in which more than 50 percent of the gross agricultural revenue is derived from the sale of mushrooms, greenhouse products, nursery plants, and other horticultural specialties.

### **1999 Other Fruit and Vegetable Industries**

Any establishment where the device's primary source of revenue is generated by products from other fruit and vegetable businesses and not included in this sector.

## **SECTOR 20: Metal Scrap Industry**

### **2006 Automobile Wrecking**

Establishments where the device's primary source of revenue is generated by products from buying old automobiles, dismantling them, selling the used auto parts and scrap metal.

### **2099 Other Scrap Metal Industries**

Any establishment where the device's primary source of revenue is generated by products from other scrap metal businesses and not included in this sector.

## SECTOR 21: Transportation Industry

### 2101 **Postal and Courier Services**

Establishments where the device's primary source of revenue is generated by products from the operation of postal and courier services. Also includes mail service contract, government, post office box operation and service, rural mail carrier service, messenger service-courier, parcel delivery and express service courier, etc.

### 2103 **Air Cargo Transportation Industry**

Establishments where the device's primary source of revenue is generated by products from scheduled, non-scheduled, chartered and non-scheduled charter air transport. Including Charter Services for: Air Cargo, Air Express, Air Freight, Air Passenger, Air Transport, Aircraft.

### 2107 **Truck Transport Industry**

Establishments where the device's primary source of revenue is generated by products from the provision of trucking, transfer and related services. Truck "broker-operators" are included in this industry.

### 2109 **Railway Transport Industry**

Establishments where the device's primary source of revenue is generated by products from the operation of railways for the transport of freight and passengers. This includes inter-urban railways but **excludes** street railways and urban rapid transit. **Excluded** from this industry are devices found in establishments operated by railways and primarily engaged in providing telecommunications, bus and water transport services, operating hotels or operating shops for the building and major overhauling of rolling stock.

### 2111 **Ship Transportation Industry**

Establishments where the device's primary source of revenue is generated by products from the operation of vessels for the transportation of freight and passengers, in ferry operation, marine towing, ship chartering and other water transportation.

### 2199 **Other Transportation Industries**

Any establishment where the device's primary source of revenue is generated by products from other transportation industries and not included in this sector.

## SECTOR 22: Retail Food Industry

### 2201 **Canadian Supermarkets and Grocery Stores**

Establishments where the device's primary source of revenue is generated by products from a balanced line of goods such as: canned, bottled, packaged and frozen foods; fresh meat and poultry; fish; fresh fruits and vegetables; prepared food products; bakery products; dairy products; candy and confectionary; and other food lines. In addition, newspapers, magazines, paper products, soft drinks, tobacco products, health and beauty aids, housewares, flowers, plants and other non-food articles. "Beer and wine may be sold in these food stores in some provinces."

### 2205 **Candy and Nut Stores**

Establishments where the device's primary source of revenue is generated by products from retail dealing in candy and nuts. Other confections may be sold.

### 2207 **Fruit and Vegetable Stores**

Establishments where the device's primary source of revenue is generated by products from the retail dealing in fresh fruits and vegetables.

### 2209 **Meat Markets**

Establishments where the device's primary source of revenue is generated by products from the retail dealing in fresh, frozen, cured or cooked meats and poultry.

### 2215 **Other Food Speciality Stores**

Establishments where the device's primary source of revenue is generated by products from the retail dealing in a specialized line of food not elsewhere listed, such as spices; tea and coffee; fish and seafood; health and dietary products; or dairy products.

### 2299 **Other Retail Food Industries**

Any establishment here the device's primary source of revenue is generated by products from other retail foods and not listed in this sector.

## **SECTOR 23: Waste Collection and Disposal Industry**

### **2301 Waste Collection and Disposal Industry**

Establishments where the device's primary source of revenue is generated by products from the operation of utilities such as garbage collection and disposal, garbage dump operation, incinerator operation, radioactive waste disposal and service, refuse collection and disposal services. This sector includes the recycling of waste materials such as plastic waste, paper, cardboard, waste textile, rubber waste and liquid waste recovery such as used oil. This sector **does not** include establishments where the device's primary source of revenue is generated by products from automobile wrecking and in buying and selling waste material such as copper scrap, lead scrap, and scrap metal.

## **SECTOR 24: Taxicab Industry**

### **2401 Taxicab Industry**

Establishments where the device's primary source of revenue is generated by products from the provision of passenger transportation by automobiles not operated on regular schedules or between fixed terminals, and based on time measurement.

## **SECTOR 25: Parking Lots and Parking Garage**

### **2501 Parking Lots and Parking Garage**

Establishments where the device's primary source of revenue is generated by products from the operation of parking lots and garages for live storage of automobiles based on time measurement.

## **SECTOR 26: Tobacco Industry**

### **2601 Tobacco Products Industry**

Establishments where the device's primary source of revenue is generated by products from rolling, grinding, blending, and flavoring tobacco to manufacturing tobacco products.

**2603 Leaf Tobacco Industry**

Establishments where the device's primary source of revenue is generated by products from sorting, grading, re-drying, treating and packing tobacco leaf in hogsheads. These establishments customarily store the dried tobacco for a period of time which may be several years, i.e. aging the tobacco. Once aged, this industry may also stem the tobacco and prepare it for further manufacture before being sent to the tobacco products factory.

**2699 Other Tobacco Industries**

Any establishment where the device's primary source of revenue is generated by products from other tobacco industries and not included in this sector.

## **SECTOR 27: Quarries and Sand Pits**

**2701 Quarries**

Establishments where the device's primary source of revenue is generated by products from quarrying, crushing and pulverizing granite, limestone rock, marble, sandstone, shale and, extracting and screening igneous and sedimentary rocks from quarries.

**2704 Sand and Gravel Pits**

Establishments where the device's primary source of revenue is generated by products from the extraction, crushing, washing and screening of sand and gravel from pits or quarries. These establishments may use devices that are secondarily engaged in trucking sand or gravel to job sites.

**2799 Other**

Any establishment where the device's primary source of revenue is generated by products from other quarries/pits, road asphaltting and road construction, and not included in this sector.

## **SECTOR 28: Non-Metallic Minerals**

**2806 Concrete Products Industry**

Establishments where the device's primary source of revenue is generated by products from manufacturing concrete pipe, structural concrete products and other concrete products not elsewhere listed.

**2899 Other Non-Metallic Industries**

Any establishment where the device's primary source of revenue is generated by products from other non-metallic industries and not included in this sector.

**SECTOR 29: Trade Contractor (Water Well Drilling)****2901 Trade Contractor (Water Well Drilling)**

Establishments where the device's primary source of revenue is generated by products from drilling, or digging water wells, installation and repair of water well pumps and well piping systems where trade measurement is conducted by the foot.

**SECTOR 30: Honey and other Apiary****3001 Honey and Other Apiary**

Farms on which more than 50 percent of the gross agricultural revenue is derived from sales of honey, beeswax and bees. Includes apiary, beekeeping, beeswax, honey (natural and unprocessed).

**SECTOR 31: Alcoholic Beverages (Beer, Wine, Distillers)****3101 Alcoholic Beverages, Wholesale**

Establishments where the device's primary source of revenue is generated by products from wholesale dealing in beer, liquor, wine and other alcoholic beverages.

**3103 Distillery Products Industry**

Establishments where the device's primary source of revenue is generated by products from clarifying, rectifying, flavoring, blending and aging alcohol to manufacture distilled alcoholic beverages. This industry includes manufacturing ethyl alcohol whether or not the alcohol is used to make potable spirits.

**3105 Brewery Products Industry**

Establishments where the device's primary source of revenue is generated by products from steeping, boiling and fermenting malt and hops to manufacture malt beverages.

**3107 Wine Industry**

Establishments where the device's primary source of revenue is generated by products from pressing fruit and fermenting fruit juices to manufacture wines. Including in this industry are establishments where the device's primary source of revenue is generated by products that produce hard cider with a (2.5% or greater alcohol).

## **SECTOR 32: Car and Truck Leasing**

**3201 Car and Truck Leasing**

Establishments where the device's primary source of revenue is generated by products from the renting and leasing of passenger cars or trucks without drivers based on time.

## **SECTOR 33: Precious Metals and Stones**

**3301 Jewelry and Precious Metal Industries**

Establishments where the device's primary source of revenue is generated by products from the manufacture of jewelry and silverware. Included are re-refining, re-melting and/or rolling precious metals with or without precious stones as well as imitation precious metals and stones, or producing precious metal alloys.

**3399 Other Precious Metals and Stones Industries**

Any establishment where the device's primary source of revenue is generated by products from other precious metals or stones and not included in this sector.



**SECTOR 34: Piece Goods (Wholesale and Retail)****3401 Piece Goods, Wholesale**

Establishments where the device's primary source of revenue is generated by products from wholesale dealing in piece goods or yard goods. Included are wholesale dealing in notions or small wear, i.e. buttons, clothing fasteners, lace, millinery supplies, patterns, ribbons, thread, yarns for knitting, sewing accessories etc.

**3403 Floor Coverings, Wholesale**

Establishments where the device's primary source of revenue is generated by products from wholesale dealing in floor coverings, i.e. carpets, floor tiles, linoleum floor coverings, mats and runners, rugs and tile carpets.

**3404 Floor Covering Stores**

Establishments where the device's primary source of revenue is generated by products from retail dealing in carpets, rugs, linoleum and floor tiles including carpet underlay, rugs, mats and runners.

**3405 Fabric and Yard Stores**

Establishments where the device's primary source of revenue is generated by products from retail dealing in yard goods; yarns and related merchandise, i.e. dry goods and notions stores, fabric stores, knitting yarn and accessories, yard goods, sewing thread, textile fabrics, mill-end stores, textile fabric piece goods.

**3407 Drapery Stores**

Establishments where the device's primary source of revenue is generated by products from retail dealing in draperies, curtains and upholstery fabric. Included are boutiques which make up draperies to customer specifications.

**3499 Other Piece Goods Industries**

Any establishment where the device's primary source of revenue is generated by products in other piece goods industries and not included in this sector.

## **SECTOR 35: Laundries and Cleaners**

### **3505 Laundries and Cleaners**

Establishments where the device's primary source of revenue is generated by products providing laundering, dry cleaning, valet, carpet cleaning and linen supply services.

## **SECTOR 36: General Merchandises (Wholesale)**

### **3601 General Merchandises (Wholesale)**

Establishments where the device's primary source of revenue is generated by products from wholesale dealing in a diversified line of merchandise of which hardware, foods, clothing, sporting goods, toys and games tend to be the most important, but no line is sufficiently important to constitute a primary activity.

### **3699 Other General Merchandise**

Any establishment where the device's primary source of revenue is generated by products from other general merchandise, general manufacturing, and not included in this or any other sectors.

## **SECTOR 37: Rubber Products (Manufacturing)**

### **3701 Rubber Products (Manufacturing)**

Establishments where the device's primary source of revenue is generated by products from the length and area measurement of rubber hose and belting; mechanical rubber goods; weather stripping (rubber and plastic); pressure sensitive tape; rubber boot and shoe findings; tire re-treading materials, tires and tubes, etc.

### **3799 Other Rubber Products**

Any establishment where the device's primary source of revenue is generated by other rubber products and not included in this sector.

## SECTOR 38: Vending Machines

### 3801 Vending Machines

Establishments where the device's primary source of revenue is generated by products from retail dealing, using coin-operated vending machines to dispense a variety of products.

## SECTOR 39: Hardware Stores - Retail

### 3901 Hardware Stores - Retail

Establishments where the device's primary source of revenue is generated by products from retail dealing in any combination of the basic lines of hardware, such as hand and power tools, builders' hardware, fasteners, electrical and plumbing supplies. These establishments may use devices that arebe secondarily engaged in retailing housewares, electrical appliances, paint, sporting goods, etc.

### 3999 Other Hardware Products

Any establishment where the device's primary source of revenue is generated by products from other hardware products and not included in this sector.

## RESTRICTED USE SECTOR

### SECTOR 90: MASS

9001 This generic mass sector is restricted for the use of authorized service providers who are distributors of platform scales (known as device type 03 in Appendix 1 of the Weights and Measures Inspection Certificate Completion Manual), where the sale of these devices is not to the end user, and the revenue generated by products weighed or measured by these devices cannot be associated with a specific trade sector.

This trade sector should only be used in **exceptional** circumstances where it is not possible to determine the specific trade sector, for example during factory inspections of platform scales, otherwise the most appropriate trade sector code should be used.

## Device Product Codes

## Product Codes Table (Device)

Device Product Code		
Category	Code	Description
<b>Petroleum Products</b>	11	Fuel (gas, diesel fuel, fuel oil, etc.) <sup>2</sup>
	12	Aviation fuels
	13	Lubricating oil
	14	Heated products
	15	Coke
	16	Waxes
<b>Solvents</b>	21	Solvents (e.g. Acetone, Naphtha, etc.)
	22	Alcohols, Glycols - (Methanol, Isobutyl, etc.)
<b>Compressed Gases</b>	31	Liquefied petroleum Gas (LPG)
	32	Anhydrous Ammonia (NH <sub>3</sub> )
<b>Agricultural Products</b>	41	Fertilizers
	42	Herbicides
	43	Feeds
	44	Grain
<b>Water</b>	50	Water
<b>Chemical Products</b>	60	Chemical Products
<b>Food Products</b>	71	Milk
	79	Food - Other than Milk

<sup>2</sup> Petroleum Products code 11 is the default product type for all meters in device types 50-\* dispensers, 51-\* refuellers, 52-\* bulk meters and 55-\* gravity meters.

## Inspection Types Defined

### Accredited Organization - Inspection Types

#### Type A1 - Initial Factory Inspection by an Accredited Organization

The first inspection of a device performed at a manufacturer's or dealer's premises by a recognized technician of an accredited organization (include all inspections until the device has been certified for trade use for the first time).

#### Type A2 - Initial Field Inspection by an Accredited Organization

The first inspection of a device, performed by a recognized technician of an accredited organization, the performance of which cannot be determined until it is installed on site for use in trade (include all inspections until the device has been certified for trade use for the first time).

#### Type A3 - Subsequent Inspections by an Accredited Organization

Any inspection of a device performed by a recognized technician of an accredited organization, other than an initial factory or field inspection, or a factory or field re-inspection. All inspections conducted where more than 6 calendar months have elapsed following the non-compliance of a device must also be coded as a type A3 inspection (and not a re-inspection).

#### Type A7 - Re-inspection by an Accredited Organization

An inspection of a device performed within 6 calendar months following a subsequent inspection that has determined the device did not meet the requirements of the Weights and Measures Act and its regulations. The inspection is to determine whether or not the device now conforms to the Act or the regulations. Includes pre-arranged inspections of rejected devices at service agency premises.

Does not include the re-inspection of a device that has never been previously verified (Initial Inspection), or inspections conducted where more than 6 calendar months have elapsed following the non-compliance of a device.

**Note:** (The subsequent inspection may have been performed by a Measurement Canada inspector, or by a recognized technician of an accredited or a registered organization).

#### Type A0 - Remove Device by an Accredited Organization

Inspection type to remove a rejected device by an accredited organization when the owner decides to replace it. (Inspection Type A0 can only be used with "As Found" infraction type "E" and inspection results "E").

## Registered Organization - Inspection Types

### Type R1 - Initial Factory Inspection by a Registered Organization

The first inspection of a device performed at a manufacturer's or dealer's premises by a recognized technician of a registered organization (include all inspections until the device has been certified for trade use for the first time).

### Type R2 - Initial Field Inspection by a Registered Organization

The first inspection of a device, performed by a recognized technician of a registered organization, the performance of which cannot be determined until it is installed on site for use in trade (include all inspections until the device has been certified for trade use for the first time).

### Type R3 - Subsequent Inspections by a Registered Organization

Any inspection of a device performed by a recognized technician of a registered organization, other than an initial factory or field inspection, or a factory or field re-inspection. All inspections conducted where more than 6 calendar months have elapsed following the non-compliance of a device must also be coded as a type R3 inspection (and not a re-inspection).

### Type R7 - Re-inspection by a Registered Organization

An inspection of a device performed within 6 calendar months following a subsequent inspection that has determined the device did not meet the requirements of the Weights and Measures Act and its regulations. The inspection is to determine whether or not the device now conforms to the Act or the regulations. Includes pre-arranged inspections of rejected devices at service agency premises. Does not include the re-inspection of a device that has never been previously verified (Initial Inspection), or inspections conducted where more than 6 calendar months have elapsed following the non-compliance of a device.

**Note:** (The subsequent inspection may have been performed by a Measurement Canada inspector, or by a recognized technician of an authorized service provider).

### Type R0 - Remove Device by a Registered Organization

Inspection type to remove a rejected device by a registered organization when the owner decides to replace it. (Inspection Type R0 can only be used with "As Found" infraction type "E" and inspection results "E").

Inspection Types

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When an inspection is performed by a recognized technician of a **registered organization** in the presence of a Measurement Canada inspector (follow-up inspection with the technician), the following codes must be used:

**Type M1 - Initial Factory Inspection by a Registered Organization in the presence of Measurement Canada**

The first inspection of a device performed at a manufacturer's or dealer's premises by a recognized technician of a registered organization in the presence of Measurement Canada (include all inspections until the device has been certified for trade use for the first time).

**Type M2 - Initial Field Inspection by a Registered Organization in the presence of Measurement Canada**

The first inspection of a device, performed by a recognized technician of a registered organization in the presence of Measurement Canada, the performance of which cannot be determined until it is installed on site for use in trade (include all inspections until the device has been certified for trade use for the first time).

**Type M3 - Subsequent Inspection by a Registered Organization in the presence of Measurement Canada**

Any inspection of a device performed by a recognized technician of a registered organization in the presence of Measurement Canada, other than an initial factory or field inspection, or a factory or field re-inspection. All inspections conducted in the presence of Measurement Canada where more than 6 calendar months have elapsed following the non-compliance of a device must also be coded as a type M3 inspection (and not a re-inspection).

**Type M7 - Re-inspection by a Registered Organization in the presence of Measurement Canada**

An inspection of a device performed within 6 calendar months following a subsequent inspection in the presence of Measurement Canada that has determined the device did not meet the requirements of the Weights and Measures Act and its regulations. The inspection is to determine whether or not the device now conforms to the Act or the regulations. Includes pre-arranged inspections of rejected devices at service agency premises.

Does not include the re-inspection of a device that has never been previously verified (Initial Inspection), or inspections conducted where more than 6 calendar months have elapsed following the non-compliance of a device.

**Note:** (The subsequent inspection may have been performed by a Measurement Canada inspector or by a recognized technician of an authorized service provider).