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Field Inspection Manual	Part: 3-STP	Section: 6	Page: 1 of 6
Non Automatic Weighing Devices	Issued: 2008-01-01	Revision Number: 1	

STP-6 Visual Examination of the Printed Ticket

Reference

Sections 30 to 38, 66 and 67 of the *Specifications Relating to Non-automatic Weighing Devices (1998)*.

Purpose

The recording element (printer) of a device shall be appropriate and compatible with the device. Recorded representations must be clear, definite, accurate and easily readable. The interfacing of a printer to a device must not cause any alteration or degradation of the metrological characteristics of the device and must not facilitate the perpetration of fraud.

The inspector ensures that the following requirements are met:

- All recorded values shall be permanent, legible and printed in digital format.
- The device must indicate and print weight values in the same unit of measurement.
- The value of **d** printed and the value of **d** displayed must be the same (except for postal scales and weight classifiers).
- The value of **d** printed may be larger than the value of **d** displayed by a weight classifier provided that the measurement, the weight classification and the pricing are accurately determined. Tests must be performed at the turning points of price ranges (see STP-17).
- Except for weight classifiers, a printer must record the same value and number of decimal places as indicated on the display.

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Clarification

A digital indicator may display weight values in 0.005 kg and 0.01 lb scale intervals. The printer must therefore record weight values to 0.005 kg in metric and 0.01 lb when measuring in pounds. It may not record weight values to 0.010 lb.

All recorded weight values, such as gross, tare, net, inbound and outbound weights, shall be clearly identified using acceptable words, abbreviations or symbols (see Appendix-A). However, if only one weight is printed, it does not have to be identified as the “net” weight.

If the unit of measurement of the device can be externally selected by the user (lb/kg switch), the printer must record the proper unit of measurement along with the weight values. Preprinted tickets stating the weight unit are acceptable for indicators capable of displaying one weight unit only or which have an internal lb/kg switch.

Computation must be in mathematical agreement (gross weight - tare weight = net weight; unit price x net weight = total price, rounded to the nearest cent).

Price Computing Devices

Unit prices must be printed when total prices are shown and both have to be clearly identified as the unit price and the total price.

Point of Sale (POS) Weighing Systems

The cash register tape must provide the information required by section 67 of the *Specifications Relating to Non-automatic Weighing Devices* (1998). That is, the net weight, the price per unit, the computed price, and the appropriate identification code or product name. Furthermore, in order to standardize content and layout, as well as adding clarity to POS receipts, the rules and examples found at the end of this section must be followed. Please note that the identification code/product name has been left out of the first example for clarity; this information is however required on actual POS receipts.

A POS system may display the “Gross” weight on the scale display and the “Net” weight on the cash register display; however, it must print the “Net” weight on the cash register tape. The scale of a POS system is not required to display the net weight nor provide an indication that a tare value has been entered.

Training mode is no longer required on POS systems.

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Point of Sale (POS) Receipts

I	II kg or lb	III @	IV \$	V 12.49
<p>Must be identical to the scale display (interval size and capacity limitation)</p> <p>Must print a zero before the decimal point if the weight is less than 1 kg or lb</p> <p>A period or comma can be used as the decimal point</p>	<p>Must be lowercase letters</p> <p>The use of "lbs" or "#", as the symbol for pounds, is not acceptable</p>	<p>Can be replaced by: "at" ("à" in French)</p>	<p>Must be placed before or after the value in column V</p>	<p>Must be two digits after the decimal point</p> <p>Must be preceded by a zero, before the decimal point, if the value is less than one</p> <p>A period or comma can be used as the decimal point but must remain consistent throughout the receipt</p>

VI	VII kg or lb	VIII \$	IX 12.49
<p>Can be replaced by: "per" ("par" in French)</p>	<p>Must be lowercase letters</p> <p>The use of "lbs" or "#", as the symbol for pounds, is not acceptable</p>	<p>Required if there is only 1 space between columns VII and VIII</p> <p>Optional if there are two or more spaces between columns VII and VIII</p> <p>Can be placed before or after the value in column IX</p>	<p>Must be two digits after the decimal point</p> <p>Must be preceded by a zero, before the decimal point, if the value is less than one</p> <p>A period or comma can be used as the decimal point but must remain consistent throughout the receipt.</p>

* Note: Product identification code/name is also required.

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Spacing

- A space is required between columns I and II (due to the use of "lb")
- At least 1 space is required between columns II and III
- At least 1 space is required between columns III and IV
- No space between columns IV and V, regardless of whether the "\$" is placed before or after the "12.49"
- A space between columns V and VI is optional if the slash "/" is used. If the word "per" ("par" in French) is used then a space is required.
- A space between columns VI and VII is optional if the slash "/" is used. If the word "per" ("par" in French) is used then a space is required
- At least 1 space is required between columns VII and VIII
- No space between columns VIII and IX, regardless of whether the "\$" is placed before or after the "12.49"

Sample Receipts

1234 Mansfeld Montréal, Québec (555) 555-5555
Bananas 0.895 kg @ \$2.49/kg \$2.23
Bulk coffee 1.275 kg @ \$16.49/kg \$21.02
Tomatoes 0.645 kg @ \$0.89/kg \$0.57
Total \$23.82

Michael's Supermarket 1234 Mansfeld Montréal, Québec (555) 555-5555
1742 0.895 kg @ 2.49\$ per kg 2.23\$
6795 1.275 kg @ 16.49\$ per kg 21.02\$
0125 0.645 kg @ 0.89\$ per kg 0.57\$
Total 23.82\$

Michael's Supermarket 1234 Mansfeld Montréal, Québec (555) 555-5555
Bananas 0,895 kg @ \$2,49 per kg \$2,23
Bulk coffee 1,275 kg @ \$16,49 per kg \$21,02
Total \$23,25

Michael's Supermarket 1234 Mansfeld Montréal, Québec (555) 555-5555
0,895 kg at \$2,49 / kg 2,23
Bananas 1,275 kg at \$16,49 / kg 21,02
Bulk coffee 0,645 kg at \$0,89 / kg 0,57
Tomatoes
Total cost 23,82

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Weight Classifiers

In the case of weight classifiers, it is acceptable if the printed ticket provides the weight only or the weight along with the total price to be paid. The unit price is not necessary since the total price to be paid is determined on the basis of weight ranges within the device's weighing capacity rather than on the basis of a price per unit.

Dimensional Weight

This section does not apply to the use of Multi-Dimensional Measuring Machine (MDMD) - the Specifications Relating to Multi-Dimensional Measuring Machines would apply. This section applies to all other Dimensional Weight applications. This practice may be referred to as *Dimensional Weight at Retail*.

When Dimensional Weight statements are made on a receipt, the receipt must include the actual weight and actual hexahedronal dimensions of the object. In addition, the Dimensional Weight (Density) factor must be provided on the receipt. The formula and rate classifications must be posted or otherwise provided to the customer upon request.

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Revision

Revision 1

- Remove POS definition from this section. See IPO 2.2 (POS).
- Add *Dimensional Weight at Retail* requirements.
- Correct references to *Specifications Relating to Non-automatic Weighing Devices (1998)*.