



Feature in PPP Data Entry Tool

Validation of observed quantities

DET homepage URL: https://webgate.ec.europa.eu/ppp_tool/monitor/index.jsp

*Case A: The item definition has a **fixed** quantity*

In the below example, “Quantity=1” implies that the price for 1 operating system has to be provided. Hence, in the column “Observed quantity in reference units”, the value “1” has to be reported. Any other value **will** in this case **be refused in the finalisation** process – see below picture.

<< >> Hide Info A.09.1.3.3.01.aa - Operating System, MS Windows 10 Home, full version

Item Specification

Brand: MICROSOFT

Brand Type: Single / multiple brand specified

Model: Windows 10 Home 32/64-bit

Reference Quantity: 1 piece

Quantity: 1

Type: Operating System

Version: full

For: single user

Language: national or most sold

Item Statistics

Average Price:

Min Price:

Max Price:

Var. Coef.:

Net Price:

No Of Obs. (N,Q,T): 1

No Of Eliminated Obs.: 0

No Of Obs. with discounts: 0

Add. Check:

VAT: VAT (%) 15

Representativity/Seasonality

Is it representative? ☒ Yes ☐ No

Is it seasonal? ☐ Yes ☒ No

Average Prices? ☐ Yes ☒ No

+ - Clear All Eliminate/Restore Eliminate All Finalise

Obs No	Flag	Discount Flag	Month	Shop Type	Shop Identifier	Observed Price	Observed... in referen...	Format	Comments
1	O	N		S	S	200.00	2.00	DVD	

Finalisation could not be completed

The following issues occurred:

1. Obs. No: 1 - The Observed Quantity value is not equal to the Required Quantity(=1.0).

OK

Case B: The item definition allows a range of quantities

The item definition below allows all products with a quantity between 4 and 10 litres. If the value entered in “Observed Quantity in reference units” is outside this range, the DET will provide **a warning** when the item is finalised:

The screenshot shows the DET software interface for item finalisation. The title bar indicates the item is 'A.04.3.1.0.01.aa - Paint, indoor use, washable, specialised shops, WKB'. The 'Item Specification' panel on the left shows the following details:

- Brand Type: Well Known
- Purchased at: specialised shops
- Reference Quantity: 10 l
- Minimum quantity: 4
- Maximum quantity: 10
- Type: acryl, washable
- Use: indoor, for painting walls
- Coverage (indicative): 7 - 12 m² / l
- Dilutant: water

The 'Item Statistics' panel on the right shows:

- Average Price: 70.00
- Min Price: 70.00
- Max Price: 70.00
- Var. Coef.: 0.00
- Net Price: 60.87
- No Of Obs. (N,Q,T): 1
- No Of Eliminated Obs.: 0
- No Of Obs. with discounts: 0
- Add. Check:

Below the specifications, there are checkboxes for 'VAT (%)' (set to 15), 'Representativity/Seasonality' (both 'No'), and 'Average Prices?' (set to 'No'). At the bottom, there are buttons for '+', '-', 'Clear All', 'Eliminate/Restore', 'Eliminate All', and 'Finalise'.

The main data table has the following columns: Obs No, Flag, Discount Flag, Month, Shop Type, Shop Identifier, Observed Price, Observed Quantity in reference units, Brand, Model, Coverage (indicative), If SOB, Comments, Price Collector, and ...

Row 1 contains the following data:

Obs No	Flag	Discount Flag	Month	Shop Type	Shop Identifier	Observed Price	Observed Quantity in reference units	Brand	Model	Coverage (indicative)	If SOB	Comments	Price Collector	...
1	O	N		5	5	70.00	15.00 x		x	10	N			

A warning dialog box is displayed over the table, titled 'Finalisation could not be completed'. It contains a yellow warning icon and the following text:

The following issues occurred:
1. Obs. No: 1 - The Observed Quantity value is not lower than the Maximum Quantity(=10.0). Please provide a comment for this observation.

An 'OK' button is at the bottom of the dialog.

In this case, either:

- the observed quantity should be corrected, or
- the observation should be eliminated, or
- if the observation is correct and it is desirable to keep it, a justification should be provided in the comments field for the observation, as in the next picture.

<< >> Hide Info **A.04.3.1.0.01.aa - Paint, indoor use, washable, specialised shops, WKB**

Item Specification
Brand Type Well Known
Purchased at specialised shops
Reference Quantity 10 l
Minimum quantity 4
Maximum quantity 10
Type acryl, washable
Use indoor, for painting walls
Coverage (indicative) 7 - 12 m² / l
Dilutant water

Item Statistics
Average Price: 46.67
Min Price: 46.67
Max Price: 46.67
Var. Coef.: 0.00
Net Price: 40.58
No Of Obs. (N,Q,T): 1
No Of Eliminated Obs.: 0
No Of Obs. with discounts: 0
Add. Check:

VAT
VAT (%) 15

Representativity/Seasonality
Is it representative? ☐ Yes ☒ No
Is it seasonal? ☐ Yes ☒ No

Average Prices?
☐ Yes ☒ No

+ - Clear All Eliminate/Restore Eliminate All Edit again

Obs No	Flag	Discount Flag	Month	Shop Type	Shop Identifier	Observed Price	Observed Quantity in reference units	Brand	Model	Coverage (indicative)	If SOB	Comments	...	...	Price
1	O	N		5	5	70.00	15.00	x	x	10	N	only package size available			46.67

Discount flag

For both of the above cases A and B, when Discount Flag has the value Q (observation with quantity discount is reported), the DET will not check the observed quantity, so that it is possible to deviate from the requested quantity.

<< >> Hide Info **A.04.3.1.0.01.aa - Paint, indoor use, washable, specialised shops, WKB**

Item Specification
Brand Type Well Known
Purchased at specialised shops
Reference Quantity 10 l
Minimum quantity 4
Maximum quantity 10
Type acryl, washable
Use indoor, for painting walls
Coverage (indicative) 7 - 12 m² / l
Dilutant water

Item Statistics
Average Price: 43.33
Min Price: 40.00
Max Price: 46.67
Var. Coef.: 7.69
Net Price: 37.68
No Of Obs. (N,Q,T): 2
No Of Eliminated Obs.: 0
No Of Obs. with discounts: 1
Add. Check:

VAT
VAT (%) 15

Representativity/Seasonality
Is it representative? ☐ Yes ☒ No
Is it seasonal? ☐ Yes ☒ No

Average Prices?
☐ Yes ☒ No

+ - Clear All Eliminate/Restore Eliminate All Edit again

Obs No	Flag	Discount Flag	Month	Shop Type	Shop Identifier	Observed Price	Observed Quantity in reference units	Brand	Model	Coverage (indicative)	If SOB	Comments	...	...	Price
1	O	Q		5	5	120.00	30.00	X	X	10	N				40.00
2	O	N		5	5	70.00	15.00	X	x	10	N	only package size available			46.67

If the Discount Flag has the value T (observation with temporary price reduction is reported), DET will act like in the case of normal prices (flag N) and will check the observed quantity. The two A and B cases described above are valid in this situation, same rules as in case of normal prices are applied.

In case of fixed quantities, any value reported other than the one specified in the item description will be refused in the finalisation process (see [case A](#) above).

<< >> Hide Info **A.09.1.3.3.01.aa - Operating System, MS Windows 10 Home, full version**

Item Specification
Brand MICROSOFT
Brand Type Single / multiple brand specified
Model Windows 10 Home 32/64 -bit
Reference Quantity 1 piece
Quantity 1
Type Operating System
Version full
For single user
Language national or most sold

Item Statistics
Average Price:
Min Price:
Max Price:
Var. Coef.:
Net Price:
No Of Obs. (N,Q,T):
No Of Eliminated Obs.:
No Of Obs. with discounts:
Add. Check:


VAT
VAT (%) 15

Representativity/Seasonality
Is it representative? ☒ Yes ☐ No
Is it seasonal? ☐ Yes ☒ No

Average Prices?
☐ Yes ☒ No

+ - Clear All Eliminate/Restore Eliminate All Finalise

Obs No	Flag	Discount Flag	Month	Shop Type	Shop Identifier	Observed Price	Observed Quantity in reference units	Format	Comments	...	...	Price
1	O	T		5		200.00	2.00	DVD				

Finalisation could not be completed
 The following issues occurred:
1. Obs. No: 1 - The Observed Quantity value is not equal to the Required Quantity(=1.0).
OK

In case the item definition allows a range of quantities and a value outside the range is reported, a warning message will be provided when the item will be finalised (see [case B](#) above).

<< >> Hide Info **A.04.3.1.0.01.aa - Paint, indoor use, washable, specialised shops, WKB**

Item Specification
Brand Type Well Known
Purchased at specialised shops
Reference Quantity 10 l
Minimum quantity 4
Maximum quantity 10
Type acryl, washable
Use indoor, for painting walls
Coverage (indicative) 7 - 12 m² / l
Dilutant water

Item Statistics
Average Price: 40.00
Min Price: 40.00
Max Price: 40.00
Var. Coef.: 0.00
Net Price: 34.78
No Of Obs. (N,Q,T): 2
No Of Eliminated Obs.: 0
No Of Obs. with discounts: 2
Add. Check:


VAT
VAT (%) 15

Representativity/Seasonality
Is it representative? ☐ Yes ☒ No
Is it seasonal? ☐ Yes ☒ No

Average Prices?
☐ Yes ☒ No

+ - Clear All Eliminate/Restore Eliminate All Finalise

Obs No	Flag	Discount Flag	Month	Shop Type	Shop Identifier	Observed Price	Observed Quantity in reference units	Brand	Model	Coverage (indicative)	If SOB	Comments	...	...	...
1	O	Q		5		120.00	30.00	X	X	10	N				
2	O	T		5		70.00	15.00	X	x	10	N				

Finalisation could not be completed
 The following issues occurred:
1. Obs. No: 2 - The Observed Quantity value is not lower than the Maximum Quantity(=10.0). Please provide a comment for this observation.
OK