

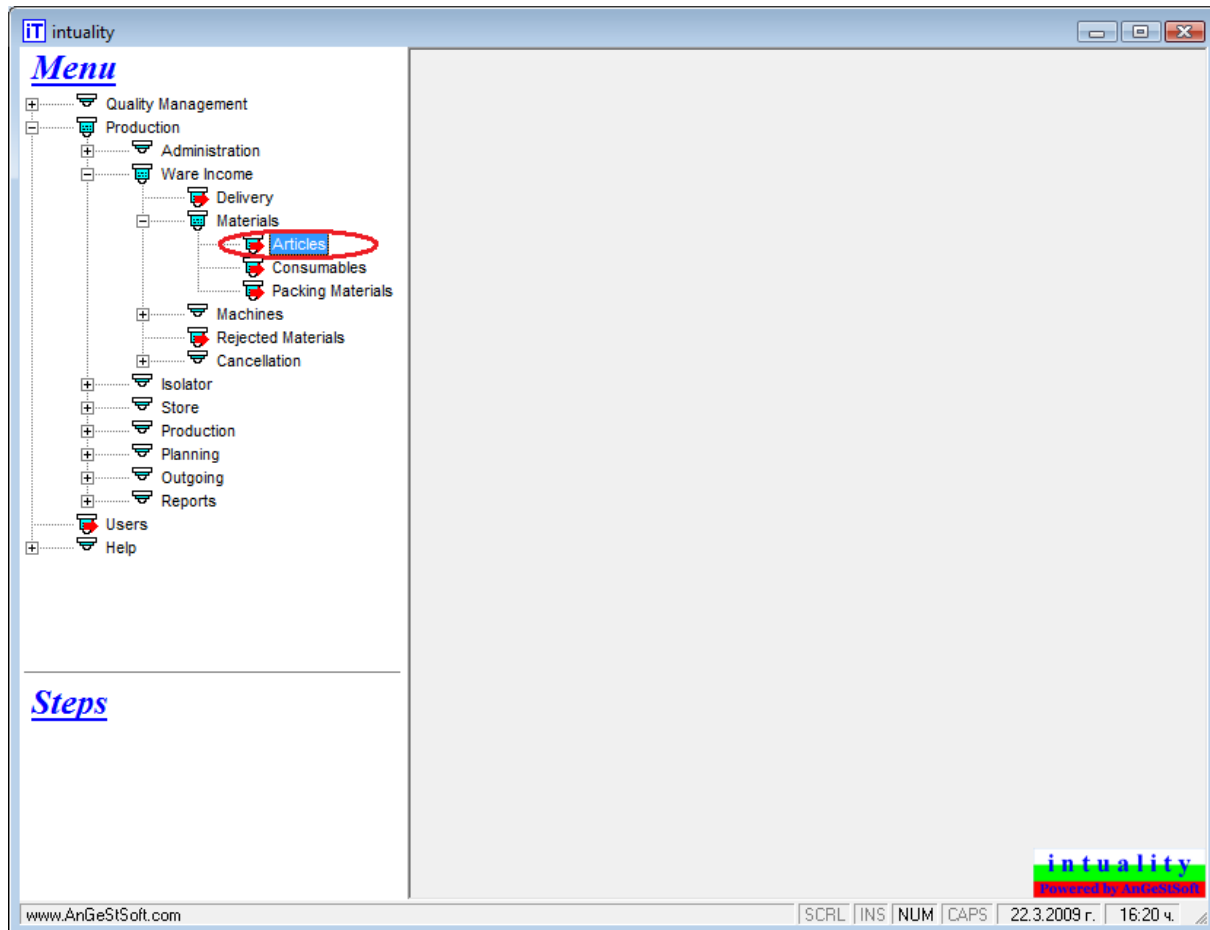
intuality™

Ware Income Inspection Zero Sampling

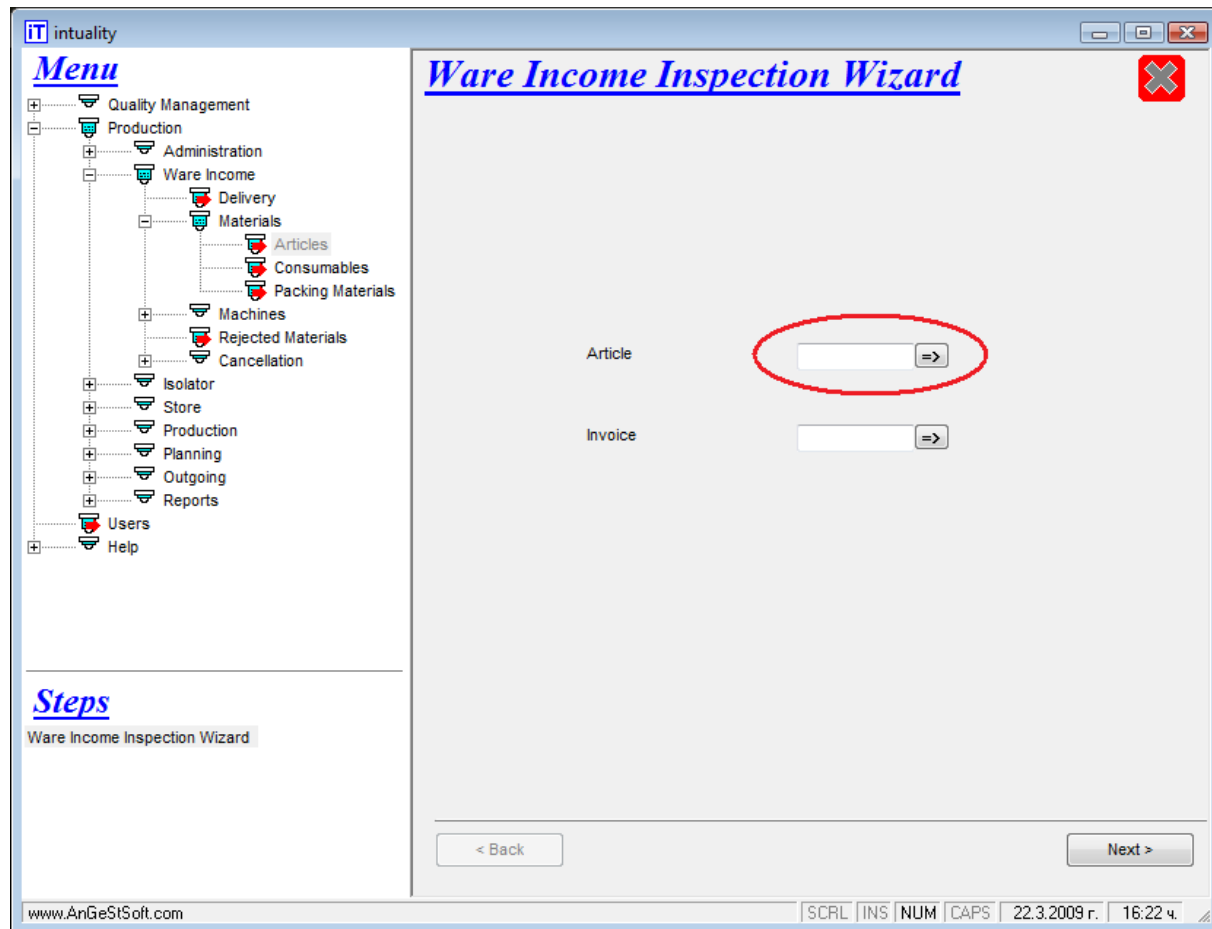
Step by Step

Creation of Incoming Inspection

In Main Menu click on Production → Incoming → Materials → Articles:

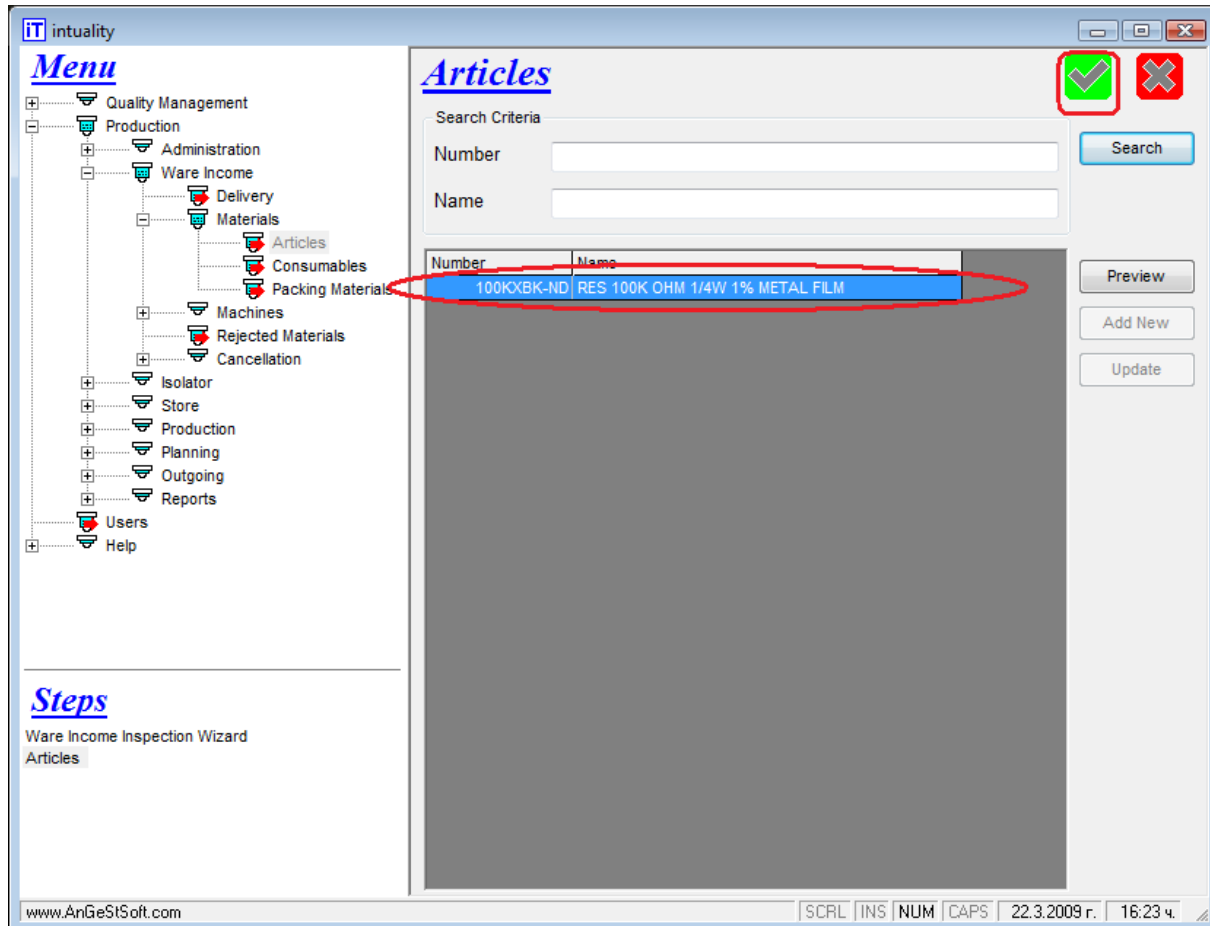


And the Ware Income Inspection Wizard appear



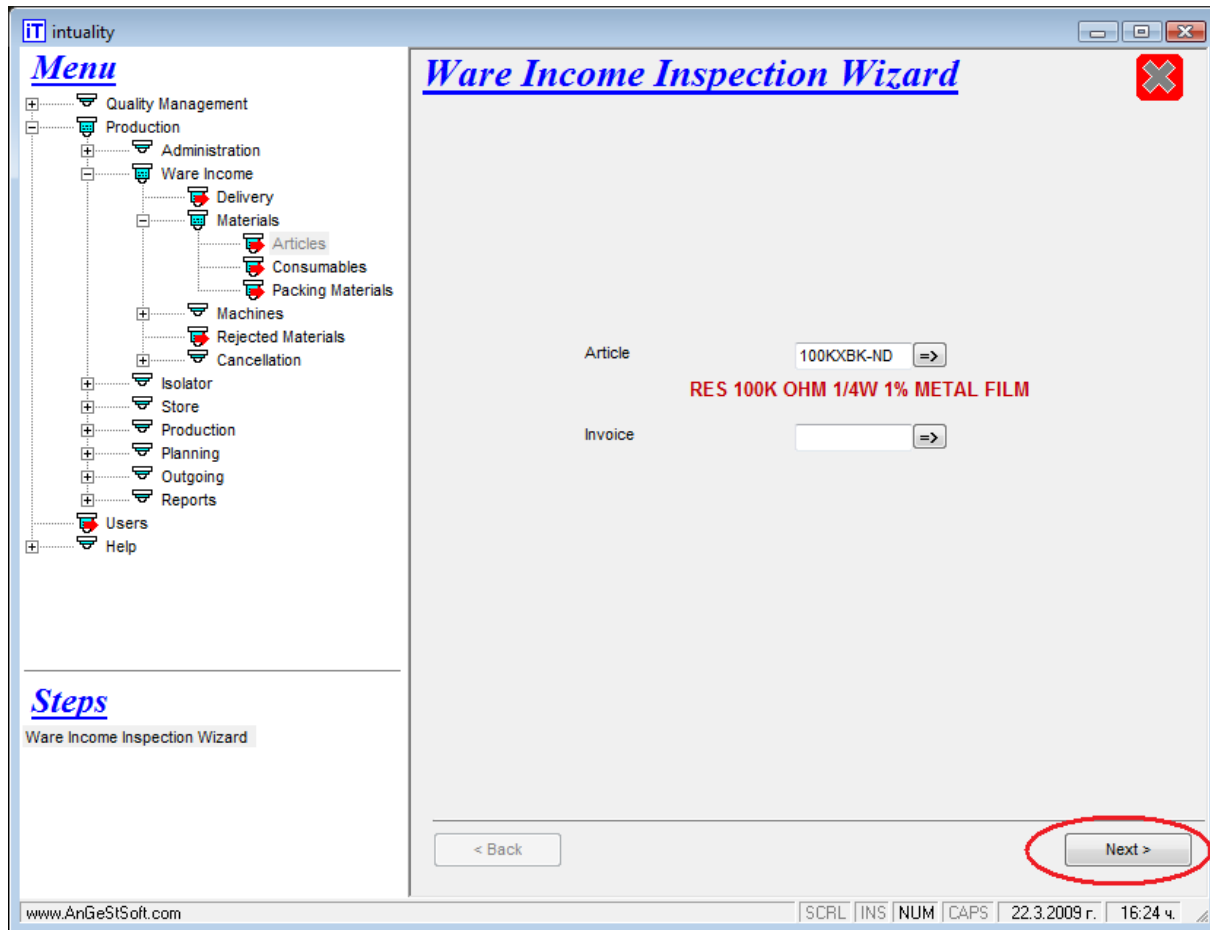
Enter the number of the article(part) or click on the button to choose the article(part) for which the Ware Income Inspection should be done

After click on the button the Articles window appear. All the Articles are represented in the Articles window. The user can set criteria for searching by number and/or name.



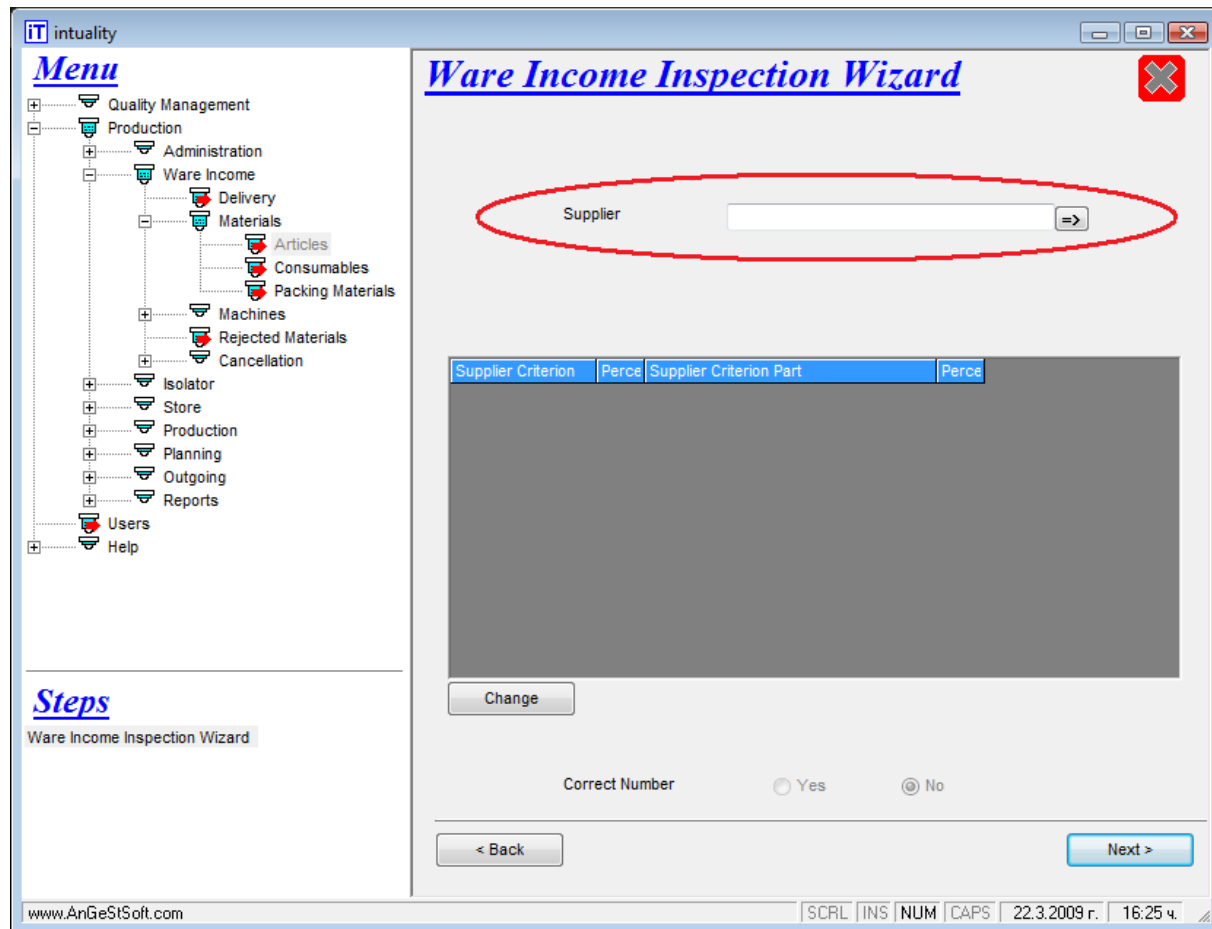
Select the article(part) for which the Ware Income Inspection should be done and click on the “Confirm” button.

The selected article(part) appears in the Ware Income Inspection Wizard and we are ready to start the inspection process. If the tracking control should be done, the user should enter the number of “income” invoice.

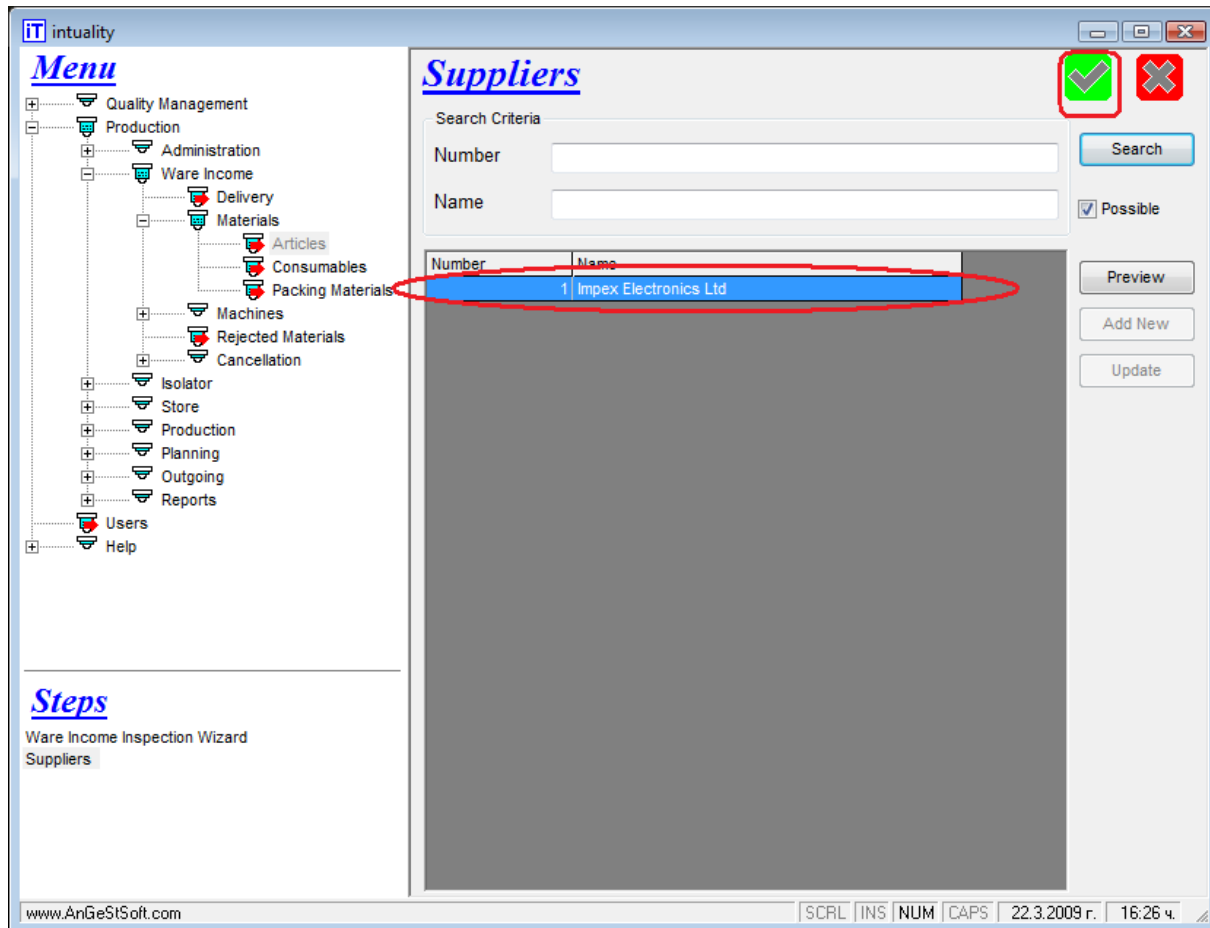


Click on the next button to go to the next step

Enter the number of the Supplier of the current delivery or click on the button.



After click on the button the Suppliers window appear. All the Suppliers are represented in the Suppliers window. The user can set criteria for searching by number and/or name.

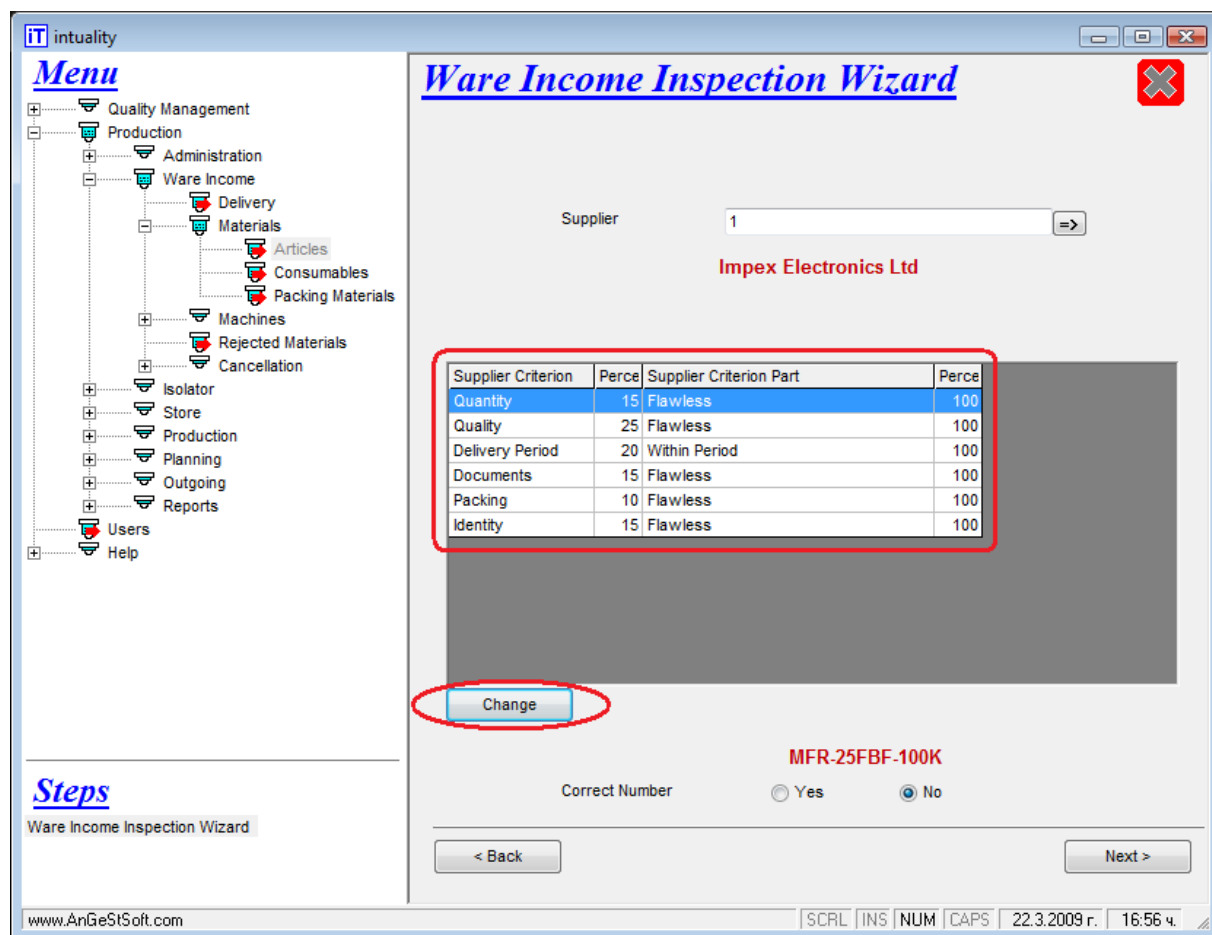


Select the supplier for which the Ware Income Inspection should be done and click on the “Confirm” button.

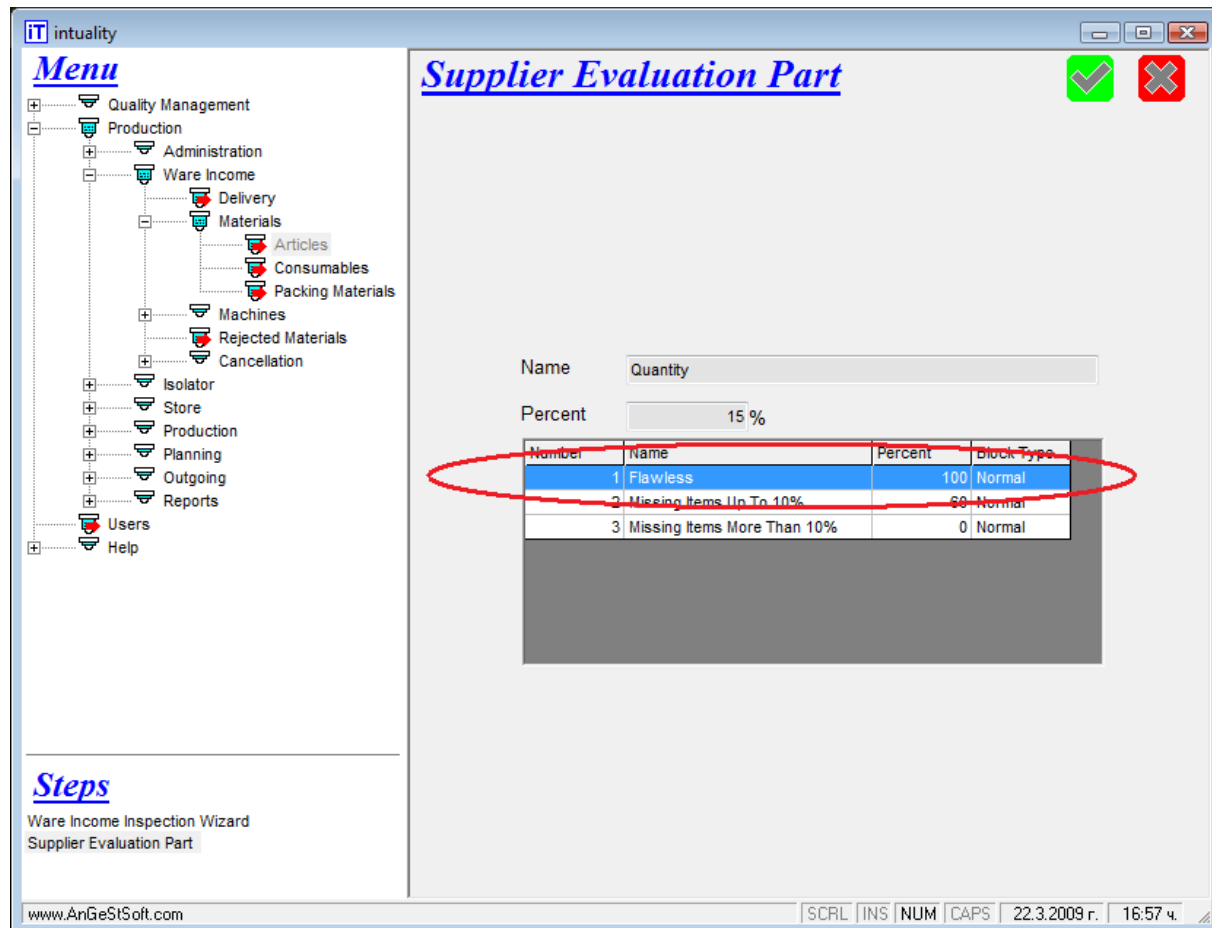
The selected supplier appears and all the criteria for Supplier evaluation are listed. In the rules for every supplier are defined criteria for Supplier evaluation. Every Criterion has “weight” in the calculation of the evaluation of supplier. The weight is defined in the rules for Supplier Evaluation and cannot be changed during the Ware Income Inspection. In our case we have 6 criteria. And for every criterion the weight is:

- Quantity – 15%
- Quality – 25%
- Delivery Period – 20%
- Documents – 15%
- Packing – 10%
- Identity – 15%

For changing the result of every criterion for current Ware Income Inspection, we should select the required criterion and click on the “Change” button.



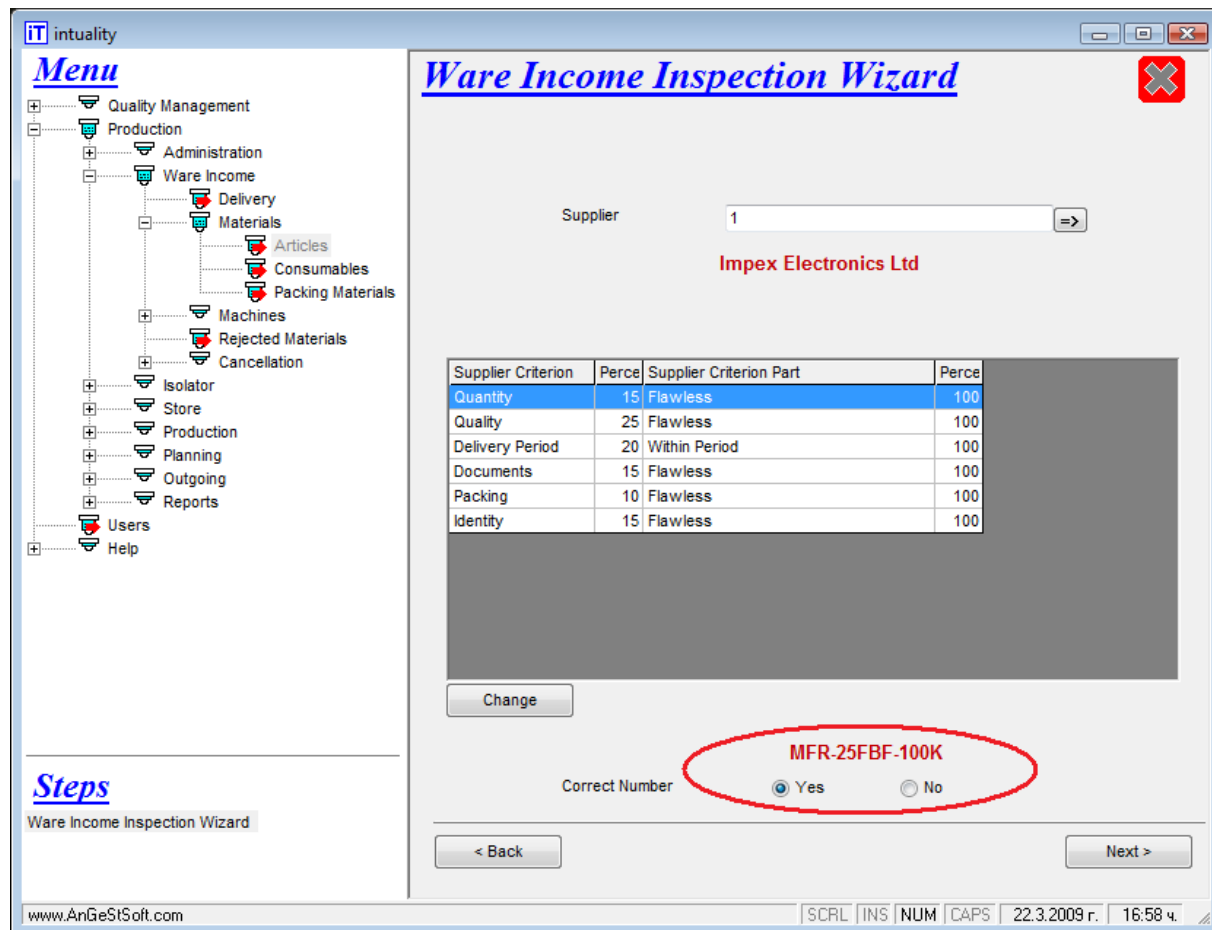
In this window appear all the definitions from the rules. Every definition has percent corresponding to the real situation of definition.



We should select definition, which is close to the current delivery and click on the “Confirm” button.

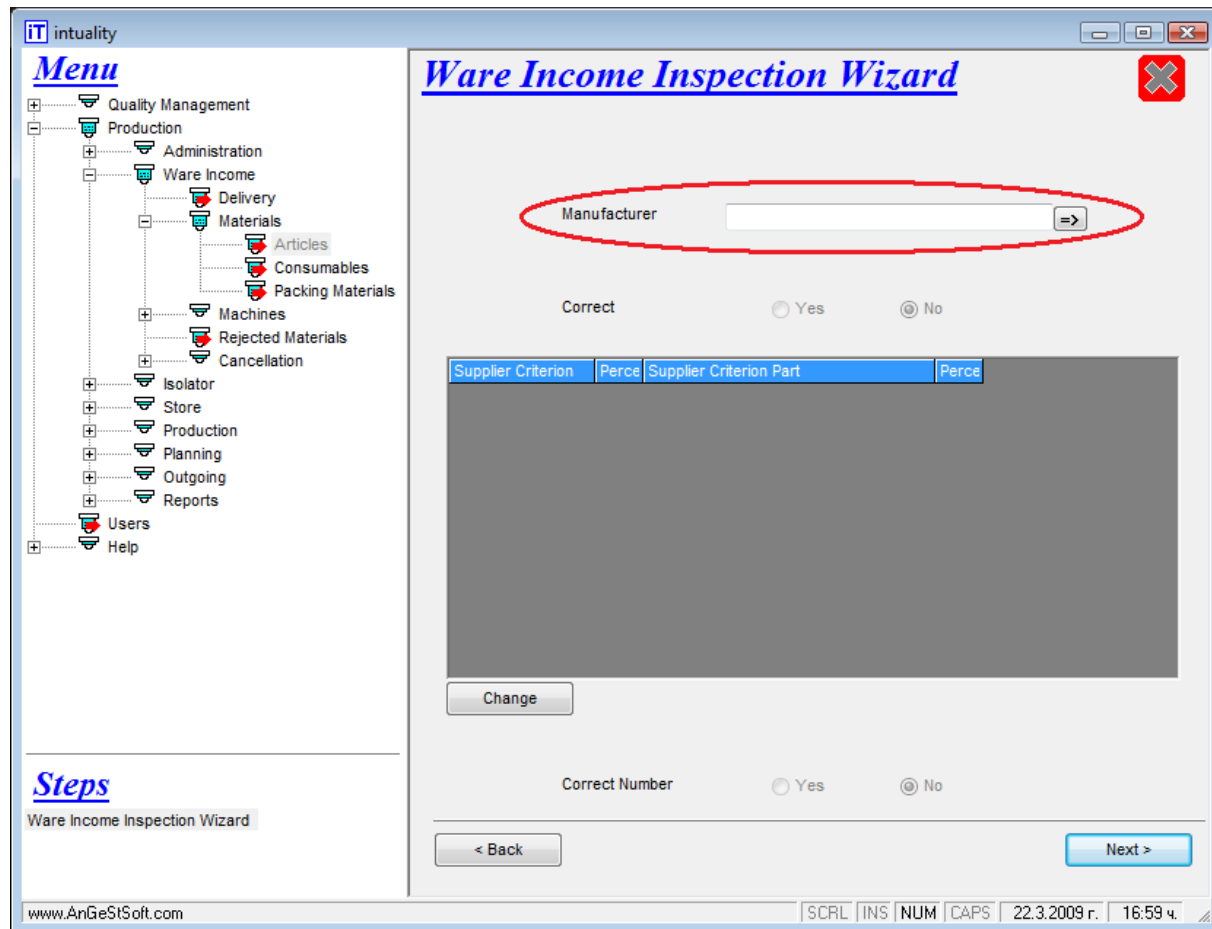
And the definition appears in the list.

Now we should check the number on the article(part) and confirm that is correct by the “Yes” button.

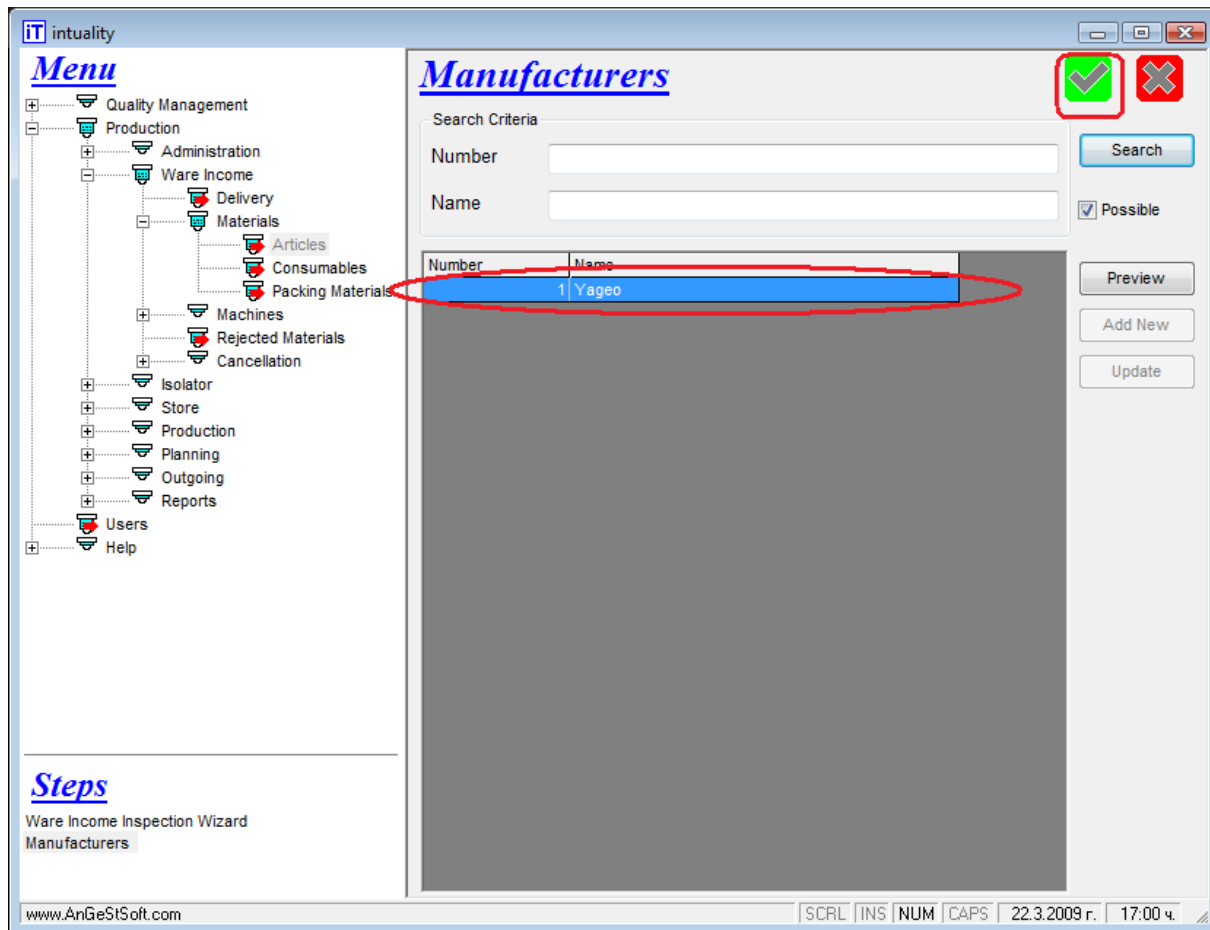


Click on the Next button

Enter the number of the Manufacturer of the current delivery or click on the button.

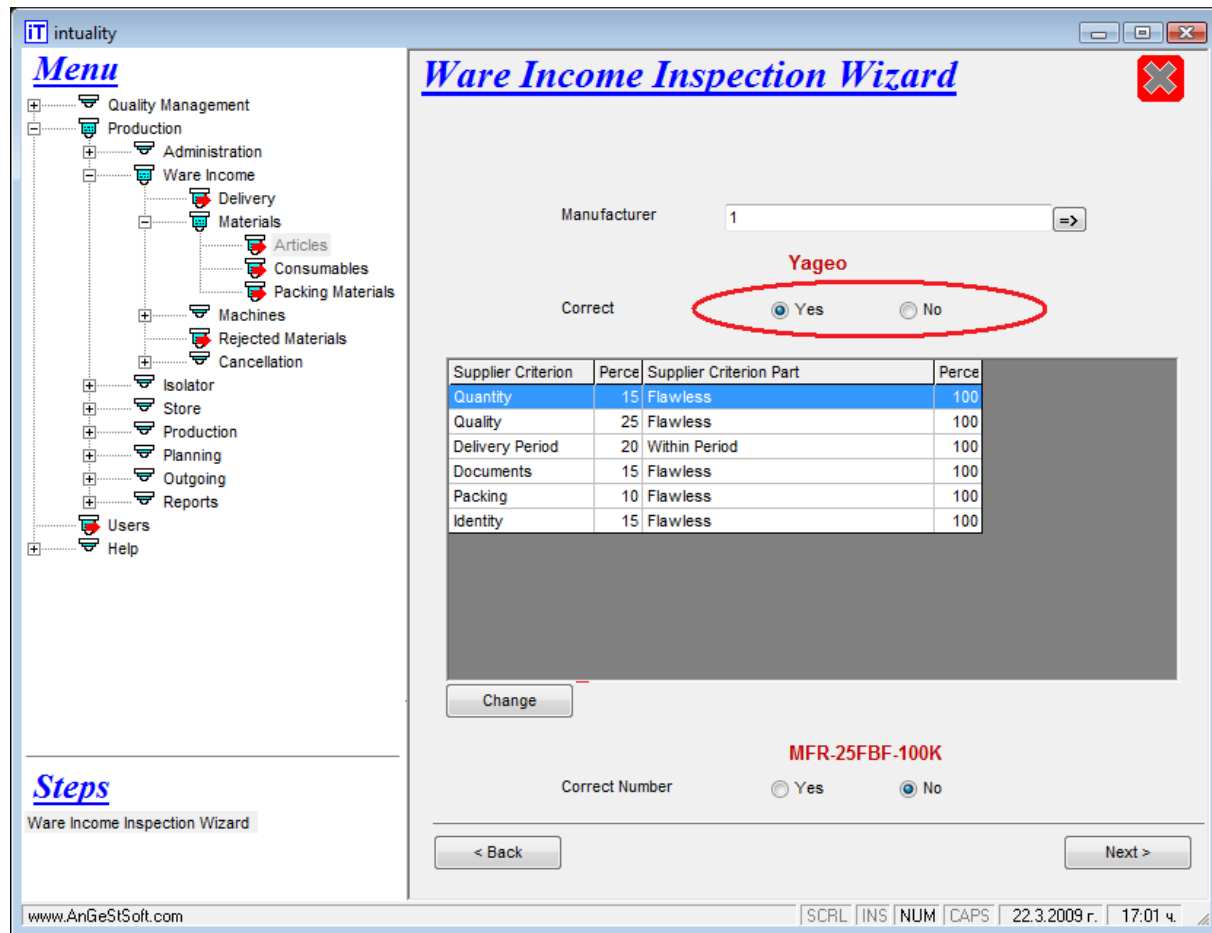


After click on the button the Manufacturers window appear. All the Manufacturers are represented in the Manufacturers window. The user can set criteria for searching by number and/or name.



Select the manufacturer for which the Ware Income Inspection should be done and click on the “Confirm” button.

Now we should confirm that the article(part) is produced by the correct manufacturer.



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Steps

Ware Income Inspection Wizard

Ware Income Inspection Wizard

Manufacturer: 1 =>

Yageo

Correct: ☒ Yes ☐ No

Supplier Criterion	Perce	Supplier Criterion Part	Perce
Quantity	15	Flawless	100
Quality	25	Flawless	100
Delivery Period	20	Within Period	100
Documents	15	Flawless	100
Packing	10	Flawless	100
Identity	15	Flawless	100

Change

MFR-25FBF-100K

Correct Number: ☐ Yes ☒ No

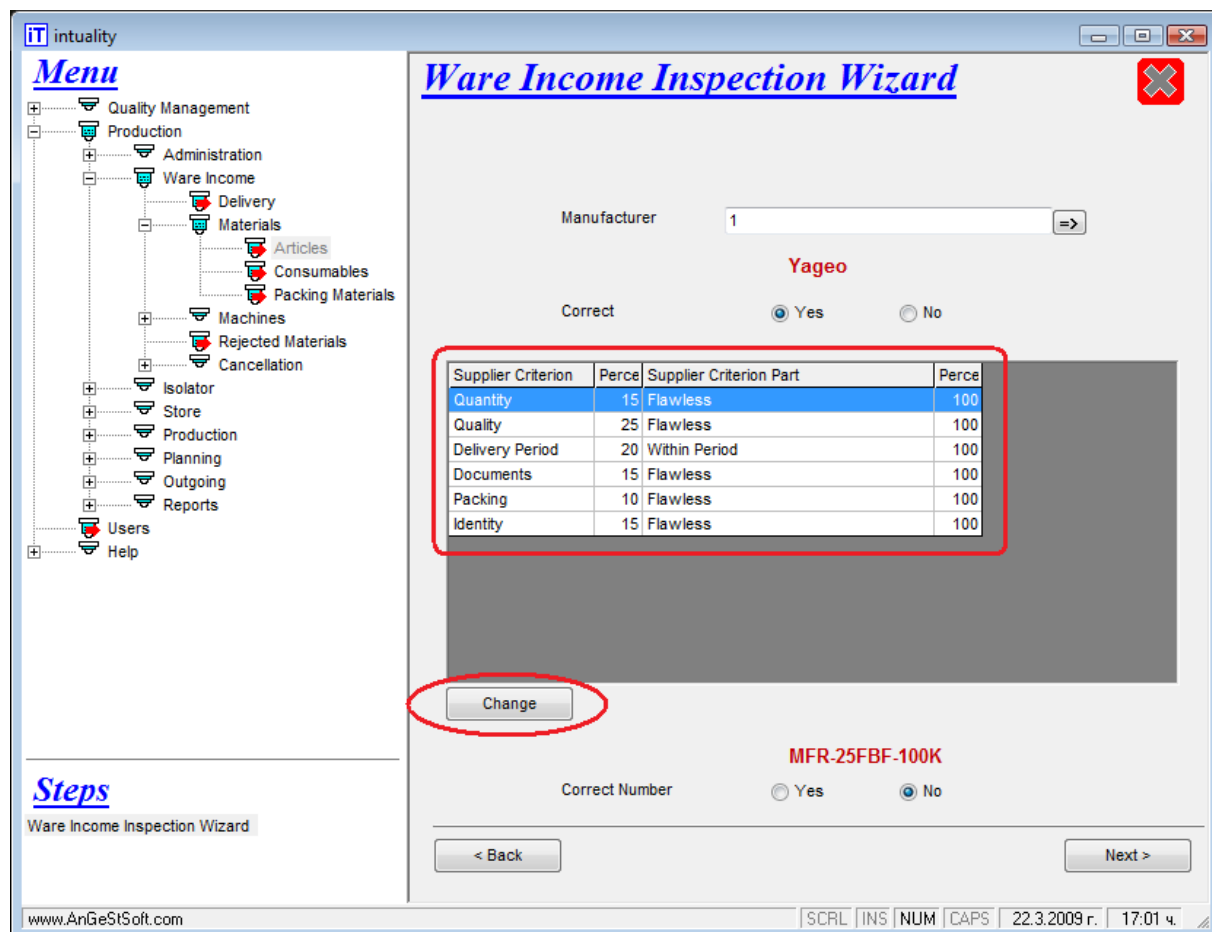
< Back Next >

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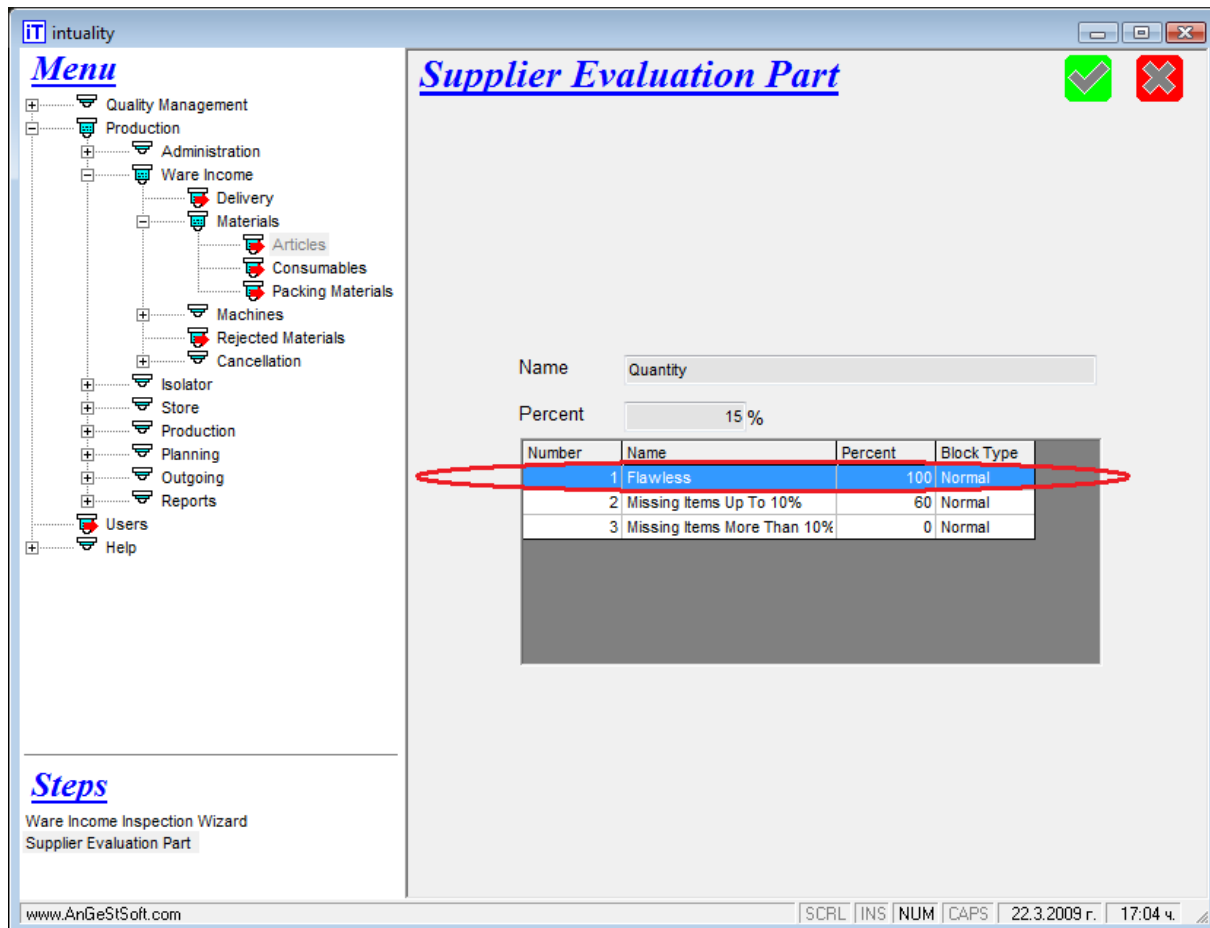
The selected manufacturer appears and all the criteria for Manufacturer evaluation are listed. In the rules for every manufacturer are defined criteria for Manufacturer evaluation. Every Criterion has “weight” in the calculation of the evaluation of manufacturer. The weight is defined in the rules for Manufacturer Evaluation and cannot be changed during the Ware Income Inspection. In our case we have 6 criteria. And for every criterion the weight is:

- Quantity – 15%
- Quality – 25%
- Delivery Period – 20%
- Documents – 15%
- Packing – 10%
- Identity – 15%

For changing the result of every criterion for current Ware Income Inspection, we should select the required criterion and click on the “Change” button.



In this window appear all the definitions from the rules. Every definition has percent corresponding to the real situation of definition.



We should select definition, which is close to the current delivery and click on the “Confirm” button.

And the definition appears in the list.

Now we should check the number on the article(part) and confirm that is correct by the “Yes” button.

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Steps

Ware Income Inspection Wizard

Ware Income Inspection Wizard

Manufacturer: 1 =>

Yageo

Correct: ☒ Yes ☐ No

Supplier Criterion	Perce	Supplier Criterion Part	Perce
Quantity	15	Flawless	100
Quality	25	Flawless	100
Delivery Period	20	Within Period	100
Documents	15	Flawless	100
Packing	10	Flawless	100
Identity	15	Flawless	100

Change

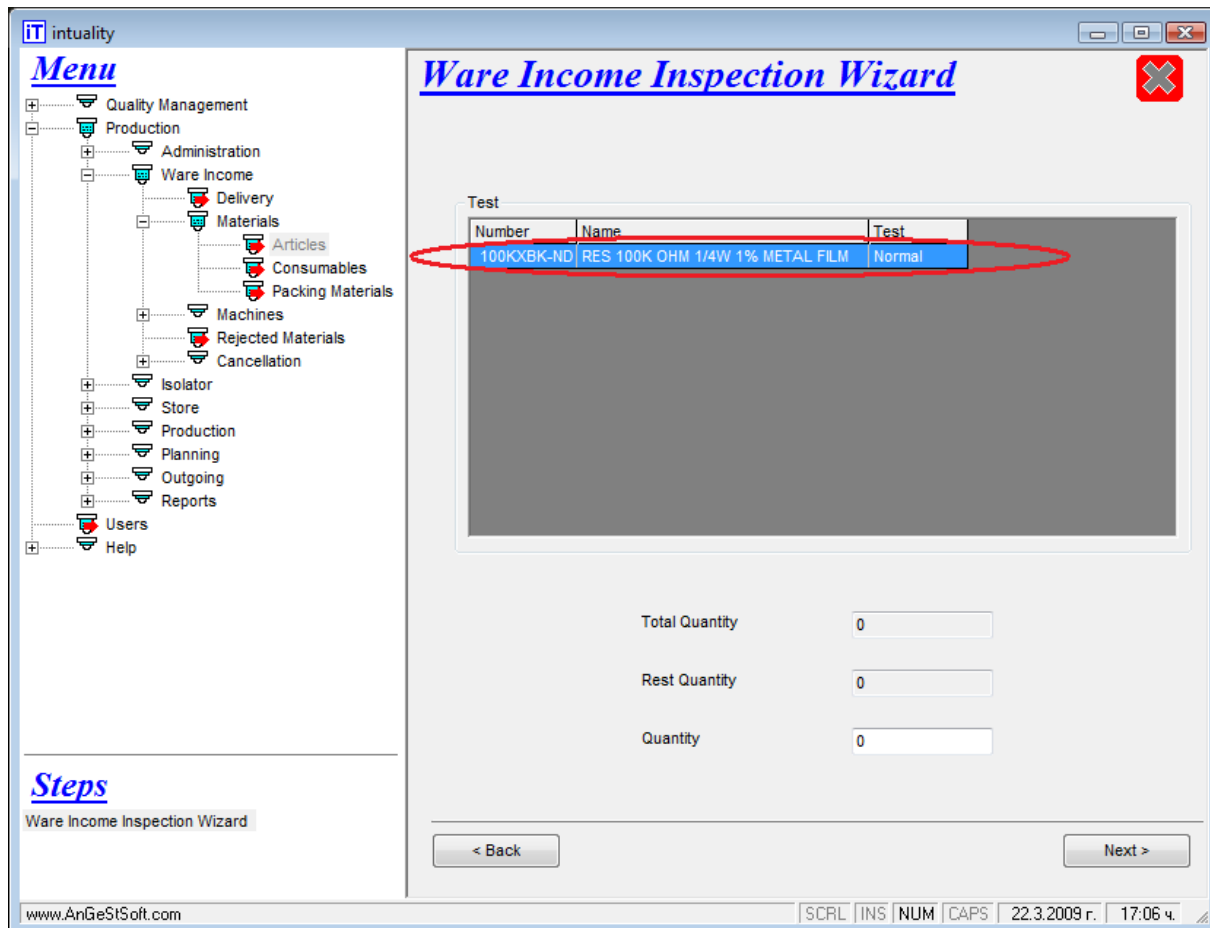
Correct Number: MFR-25FBF-100K ☒ Yes ☐ No

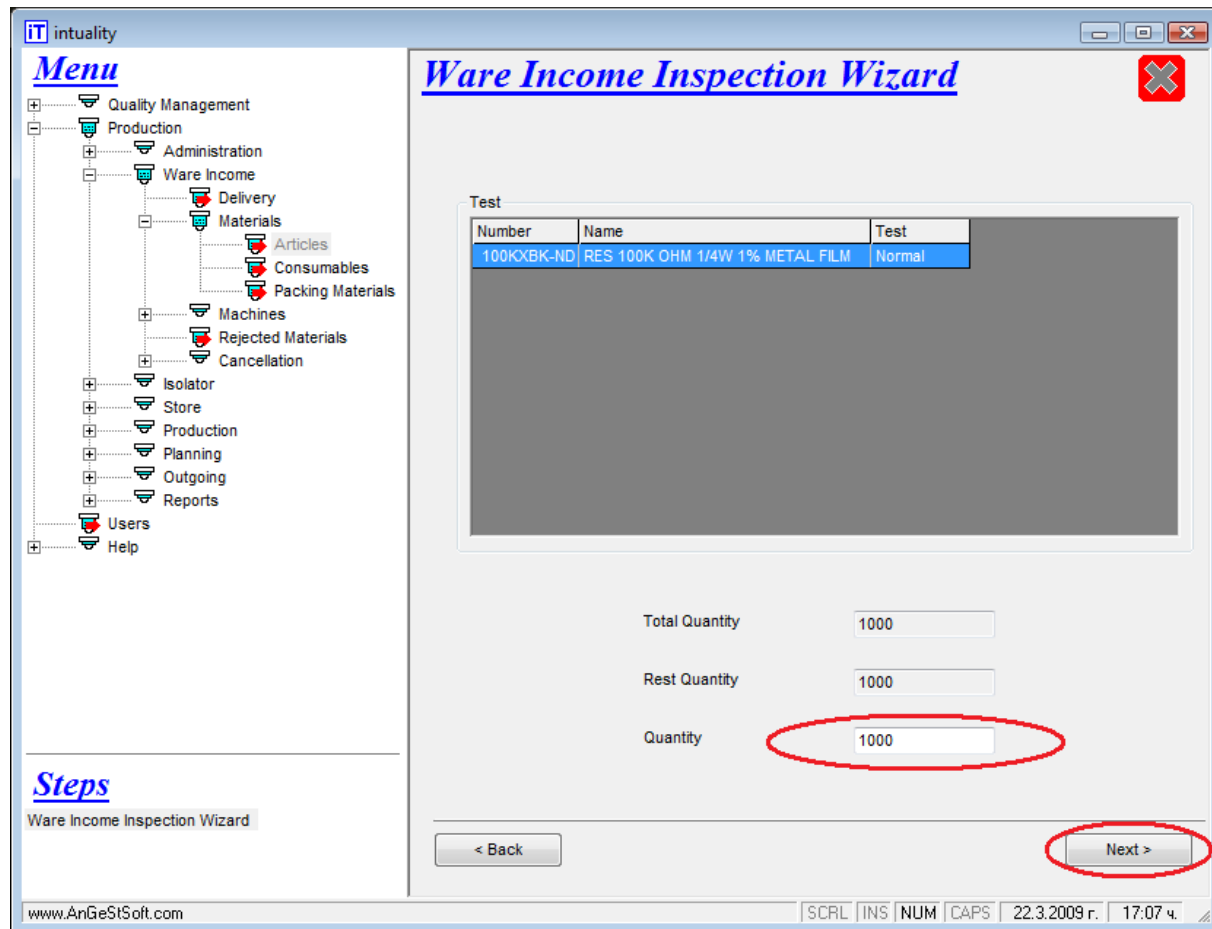
< Back Next >

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We are ready with Manufacturer step. Click on the Next button

Following the rules, the intuality™ system will take the decision which test should be used for Ware Income Inspection. The test will be listed in the Test section. If more than one test appears the user should select one of them.



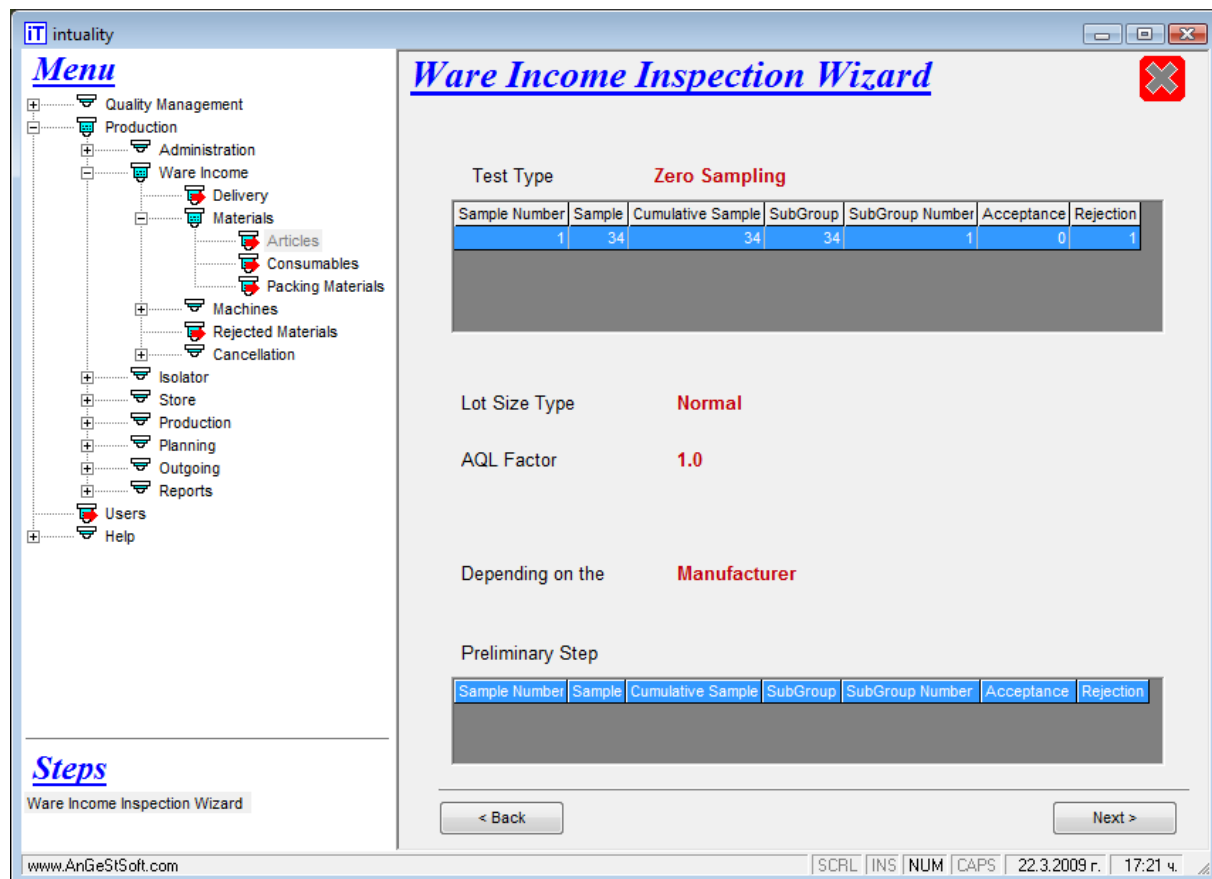


Now we should enter the quantity of the delivery – 1000 and continue to the next step. Click on the Next button.

This is information step. In the top we can see the type of the test – Zero Sampling. In the list we can see the step which we should do. The Zero Sampling test has only one step, but there is other tests – by example multiple attribute sampling which can have 5 steps. For every step in the list we have Sample size and Acceptance and Rejection number. We need this information to know how many pieces we should test and what is the number of the bad pieces (rejection number) for which the Ware Income Inspection is successful. For Zero Sampling plan only one bad piece will reject the Ware income inspection.

For Zero sampling plan we can see the lot size type, AQL factor and which history is used for taking the decision, which AQL level to be used.

In the Preliminary Step we can see the same information for sampling step as the base one – Sample Size, Acceptance and Rejection number.



Click on the Next button to go to the next step.

All the criteria appear in this step. The user should enter the data in the column for every criterion. Depending on the criteria type the user should enter Yes/No or Value.

If we have multiple sampling plan, we should enter the date for every step. We can change the steps by “<<” and “>>” buttons. Depending on the data entered the step can be accepted or rejected. In case if the steps are accepted the article will go in the Warehouse after Ware Income Inspection. The article(part) will go in isolator after the Ware Income Inspection if the steps are blocked or stopped.

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Ware Income Inspection Wizard

Criterion: 2 visual - 100KXBK-ND

Tool:

Value From: Yes To: No

☒ Yes ☐ No

visual - 100KXBK-ND

	visual - 100KXBK-ND
1	Yes
2	Yes
3	Yes
4	Yes
5	Yes
6	Yes
7	Yes
8	Yes
9	Yes
10	Yes
11	Yes
12	Yes

Direction: ☒ Down ☐ Right

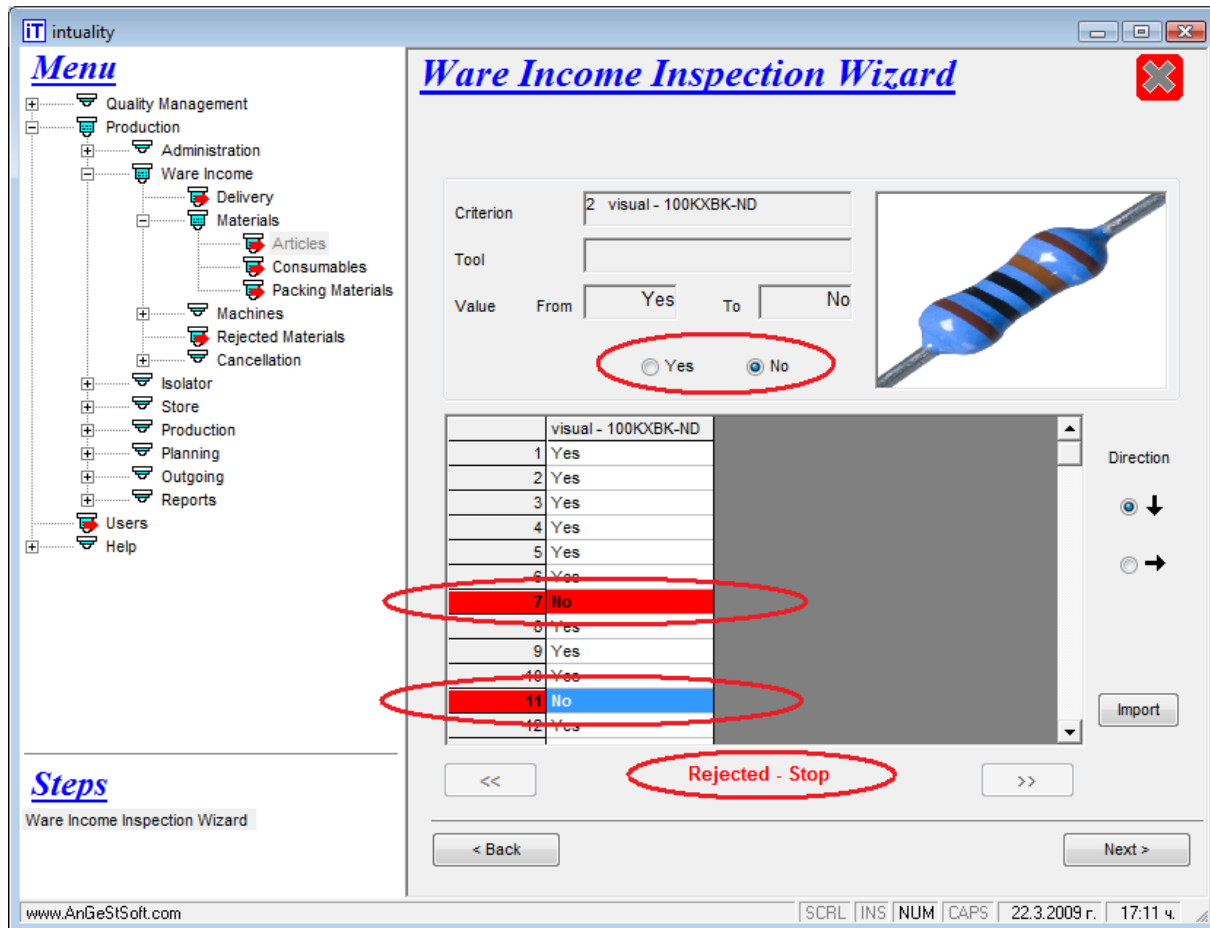
Import

<< Accepted >>

< Back Next >

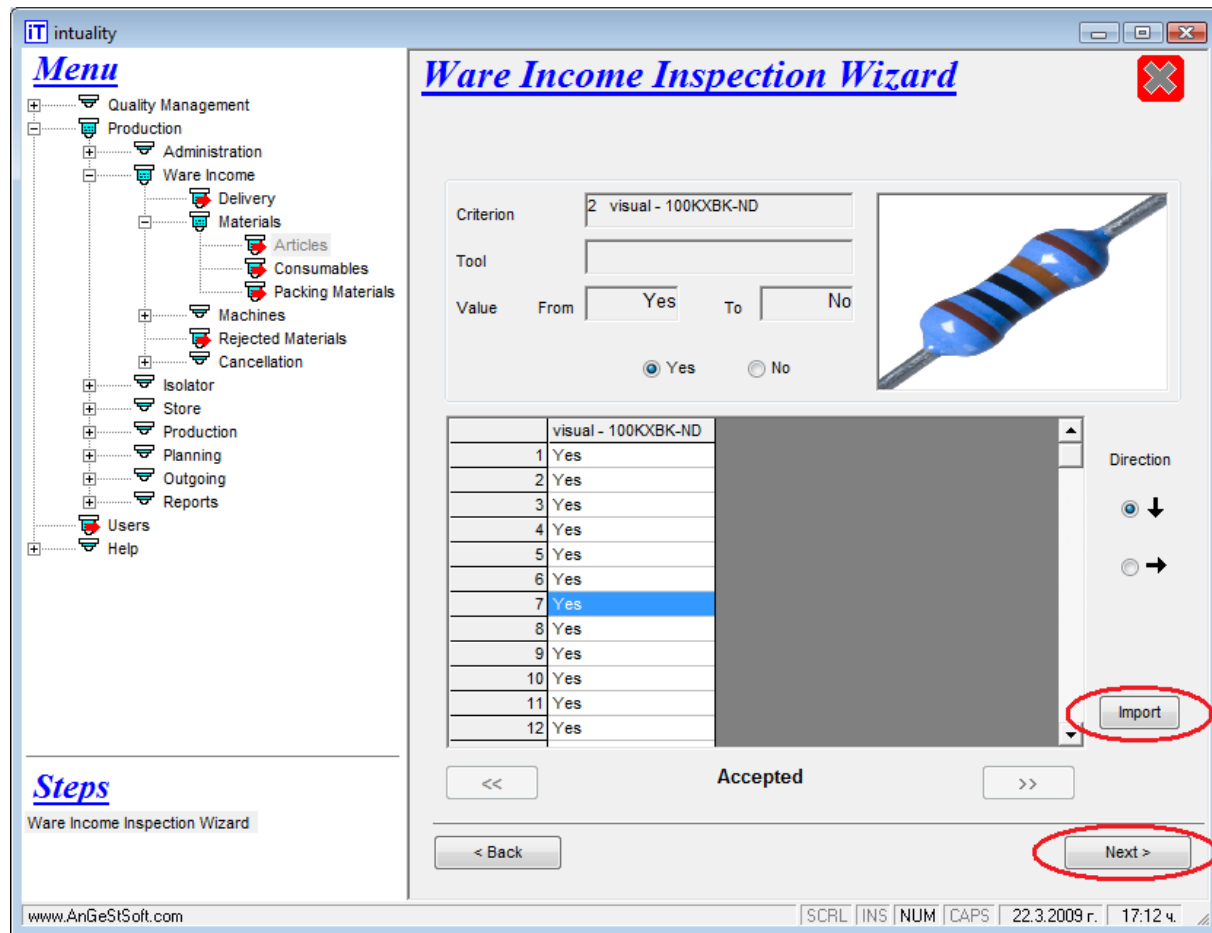
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Just for test we will enter the “No” value for 7th and 11th piece of article. Because we have Zero Sampling plan the Ware Income Inspection automatically will stopped and the article (part) will go in isolator.



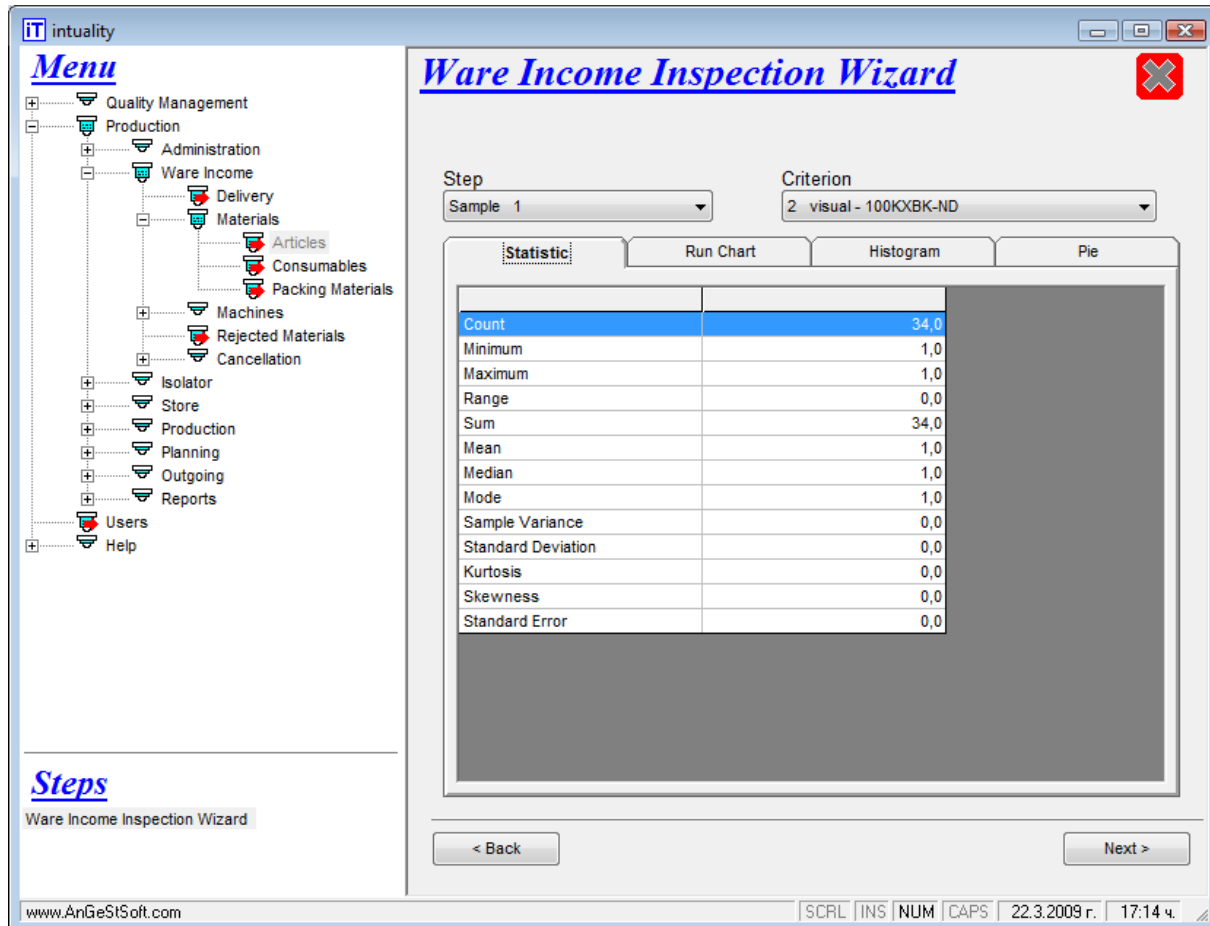
We will return back the pieces to good.

If we have data stored in Text file, we can import them by click on the “Import” button



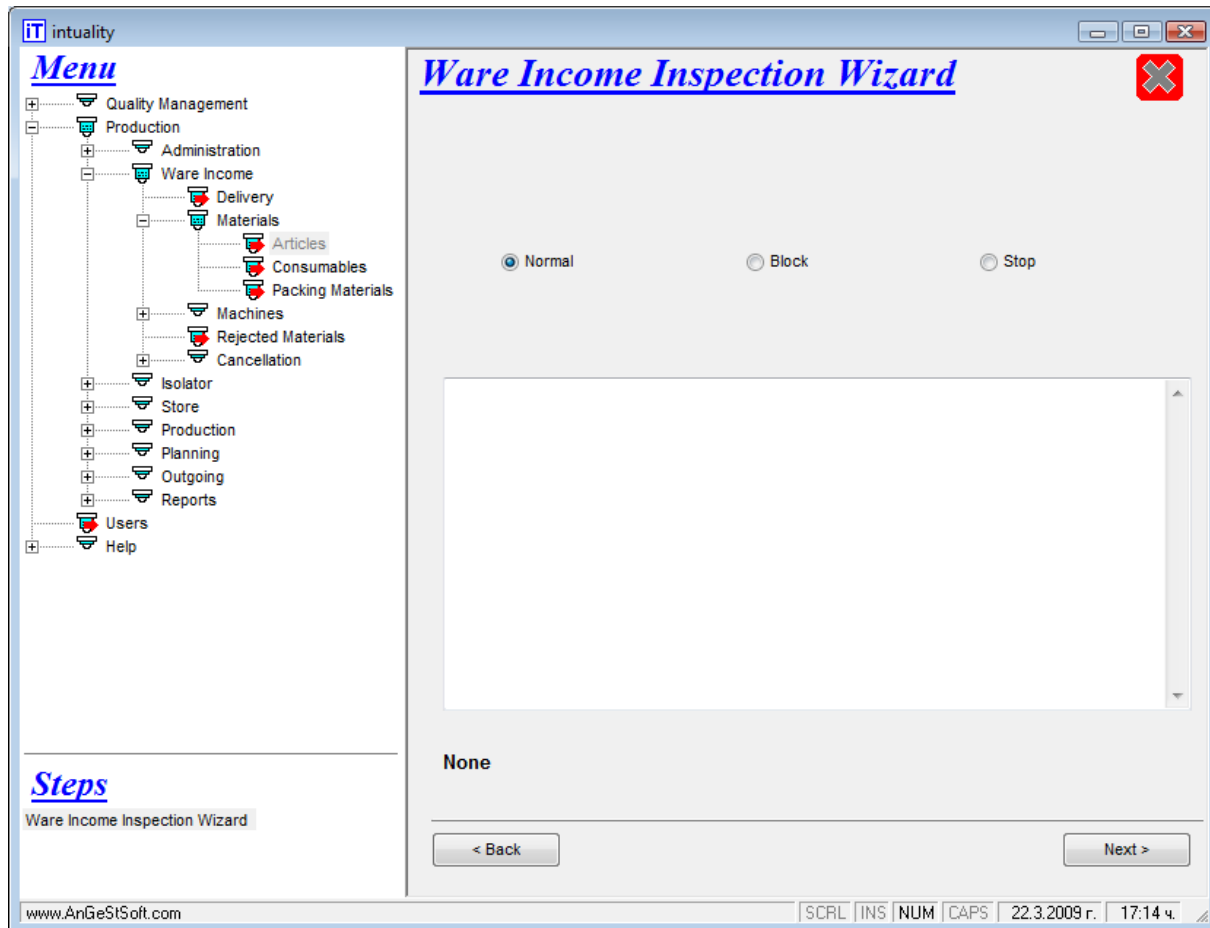
Click on the Next button to go to the next step.

This is information step. The statistic can be represented for every step in case of multiple sampling plan and for every criterion. The user can change the step or criterion by combo boxes.

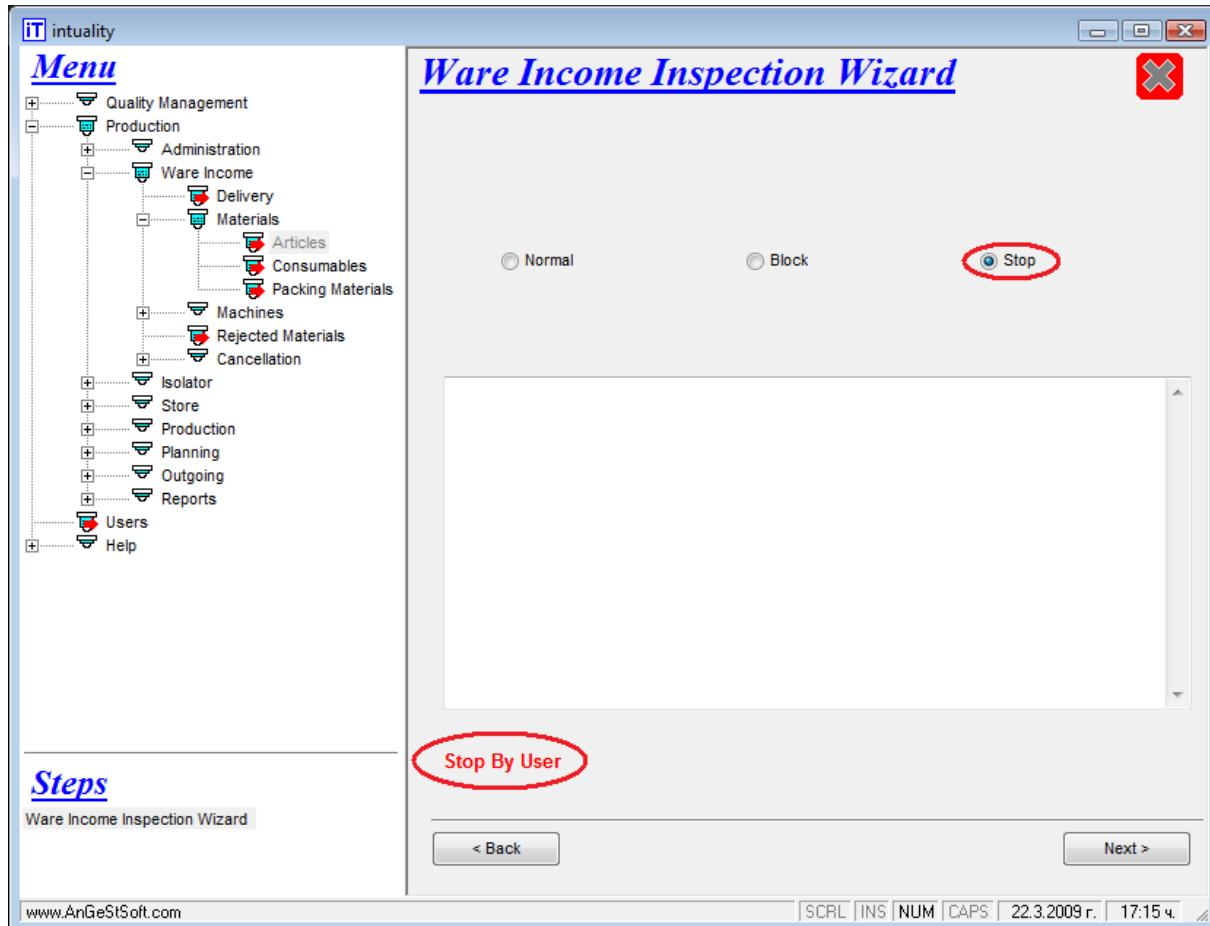


Click on the Next button to go to the next step.

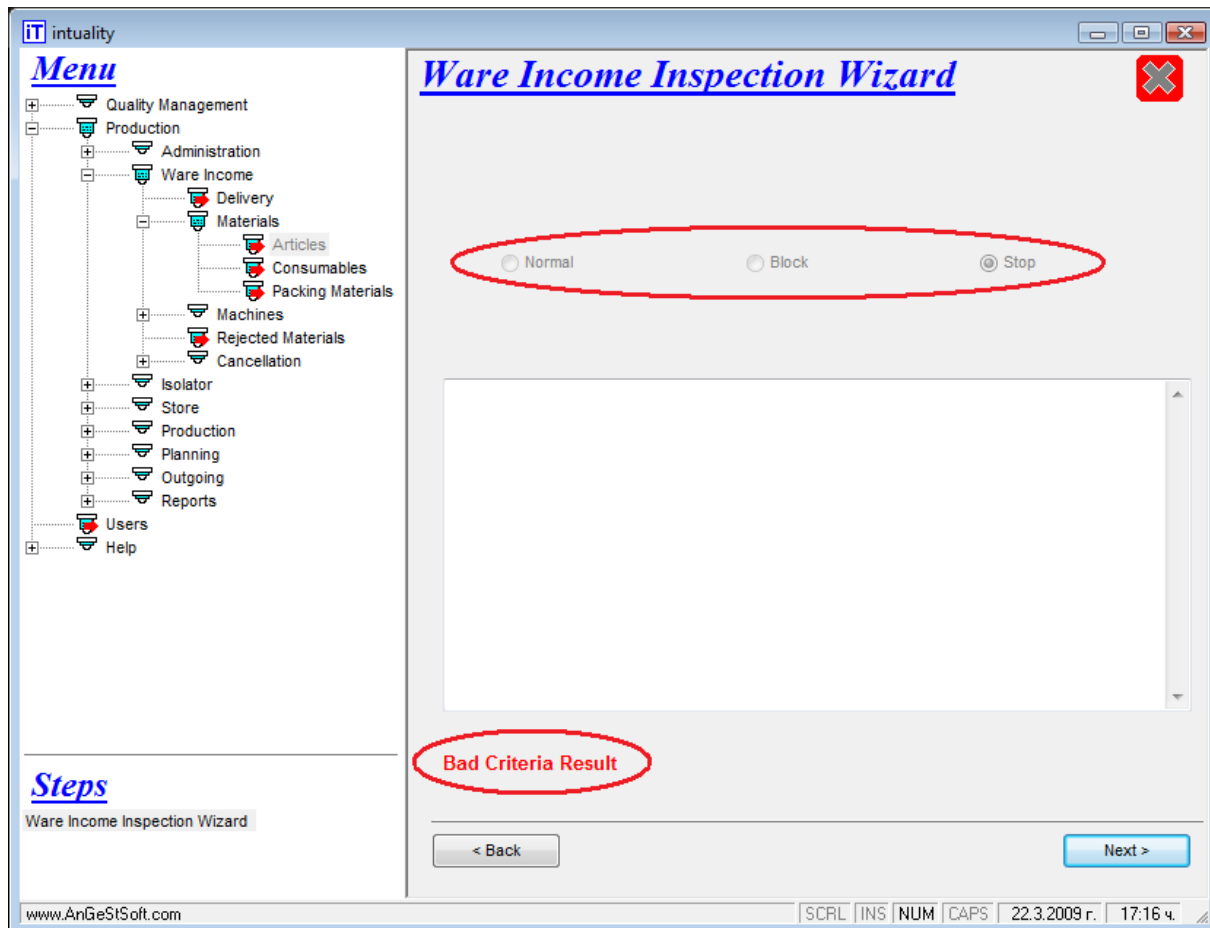
In this step the user can block or stop the Ware Income inspection if is not stopped or blocked automatically. The user should enter the description of the reason to block or stop the Ware Income Inspection.



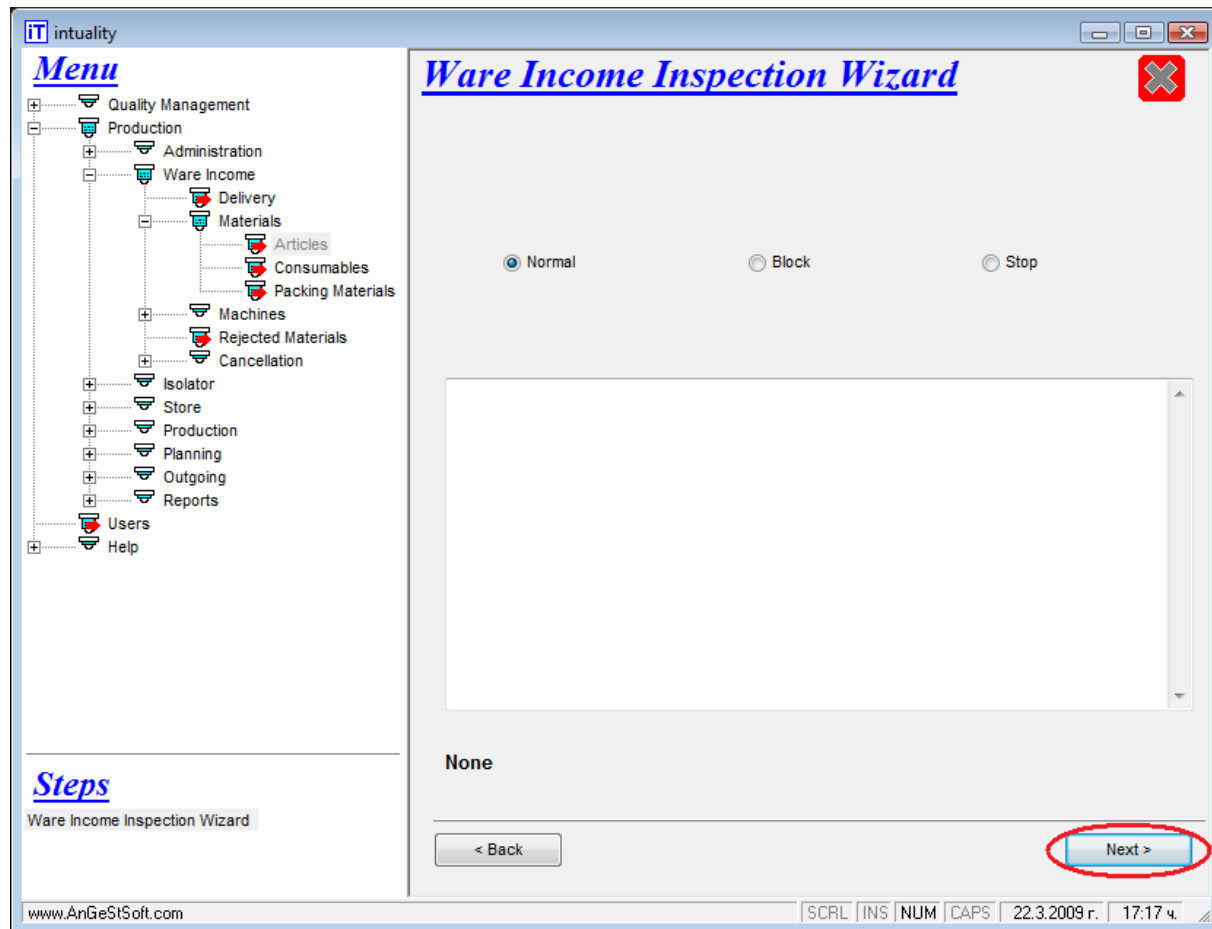
Just for check we will click on Stop button to stop the Ware Income Inspection manually and the Status will be changed to “Stop by User”



If the Ware income Inspection has bad result in the Criteria step the comboboxes will be disabled and the status will be set to “Bad Criteria Result”, because the Ware Income Inspection is stopped automatically. In the other words – the good Ware Income Inspection can be blocked or stopped manually instead of bad.

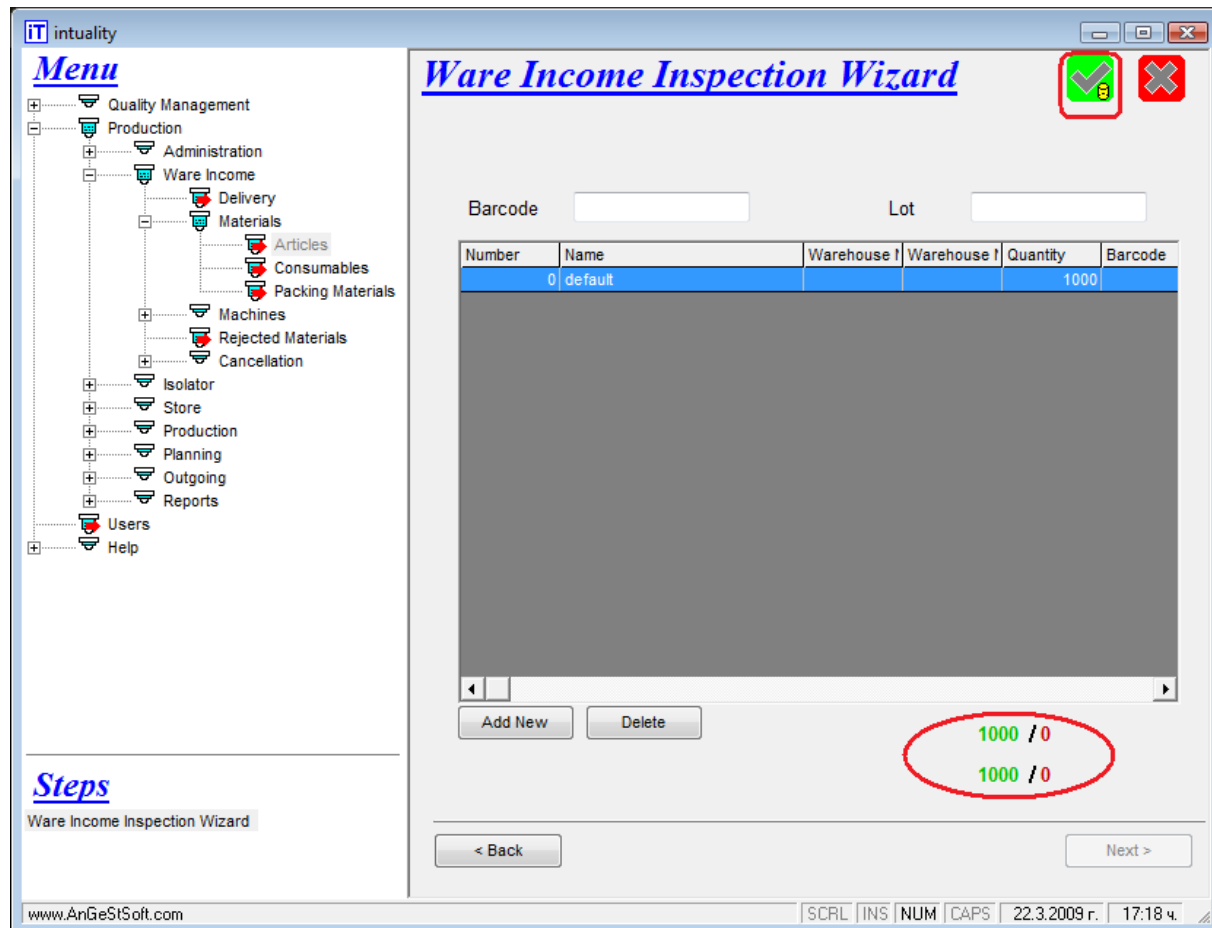


We will return back the status to normal.



Click on the Next button to go to the next step.

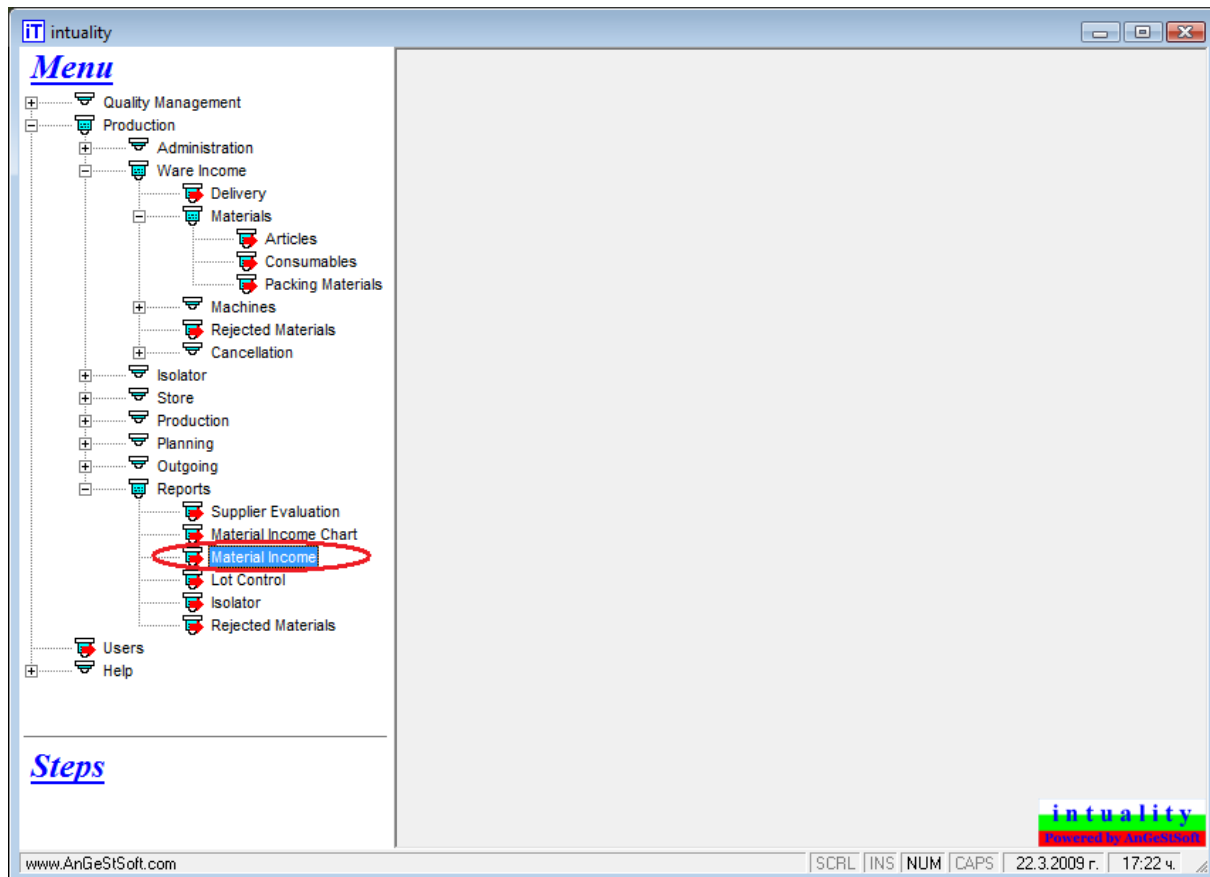
This is the last step of the Wizard. The user should dispatch the delivery by product and warehouse. The intuality™ system dispatch the quantity automatically following the rules for default product and default warehouse. This option in the rules is very useful when the tracing is not used.



Click on the Confirm button and the Ware Income inspection will be store into the database. The Ware Income inspection will be used in future to be defined AQL for the next delivery.

Preview of Ware Income Inspection

In Main Menu click on Production → Reports → Material Income:



The Ware Income Inspection Report window appears.

We can enter criteria for searching – Material type, Material, Invoice, Supplier, Manufacturer, Period

Ware Income Inspection Report

Type: Article Status: In Force

Material: Invoice: Supplier: Manufacturer:

From: 22.3.2009 r. To: 22.3.2009 r.

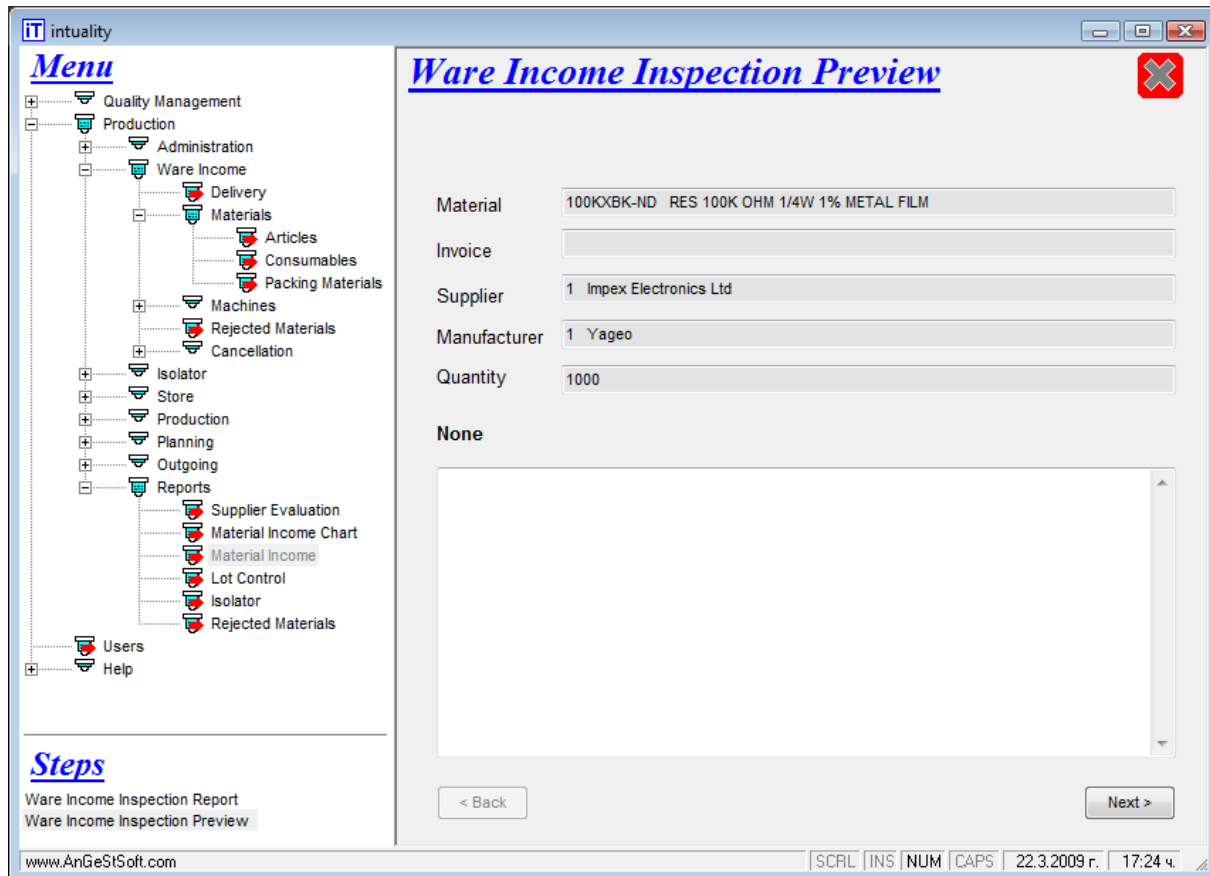
Material Num	Material Name	Date	Test Number	Test Name	Invoice num	Quantity	Block Type
100KXBK-ND	RES 100K OI	22.3.2009 r.	100KXBK-ND	RES 100K OI		1000	None

Steps: Ware Income Inspection Report

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Double click on the selected Ware Income Inspection and preview will be generated

In the first step of Ware Income Inspection Preview window we can see information for Material, Invoice, Supplier, Manufacturer, Quantity. If the Ware Income Inspection is successful will be written – None, otherwise we will see the reason for blocking/stopping the delivery.



Click on the Next button to go to the next step.

On this step we can see the Supplier and Manufacturer Evaluation.

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 - Material Income
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Steps

- Ware Income Inspection Report
- Ware Income Inspection Preview

Ware Income Inspection Preview

Supplier Evaluation

Supplier Criterion	Percent	Supplier Criterion Part	Percent
Quantity	15	Flawless	100
Quality	25	Flawless	100
Delivery Period	20	Within Period	100
Documents	15	Flawless	100
Packing	10	Flawless	100
Identity	15	Flawless	100

Manufacturer Evaluation

Supplier Criterion	Percent	Supplier Criterion Part	Percent
Quantity	15	Flawless	100
Quality	25	Flawless	100
Delivery Period	20	Within Period	100
Documents	15	Flawless	100
Packing	10	Flawless	100
Identity	15	Flawless	100

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Click on the Next button to go to the next step.

On this step we can see information for Sampling plan, Lot size, AQL level, Preliminary step.

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Steps

- Ware Income Inspection Report
- Ware Income Inspection Preview

Ware Income Inspection Preview

Zero Sampling **Zero Sampling**

Sample	Sample Size	Cumulative Sample	SubGroup	SubGroup Number	Acceptance	Rejection
1	34	34	34	1	0	1

Lot Size Type **Normal**

AQL Factor **1.0**

Depending on the **None**

Preliminary Step

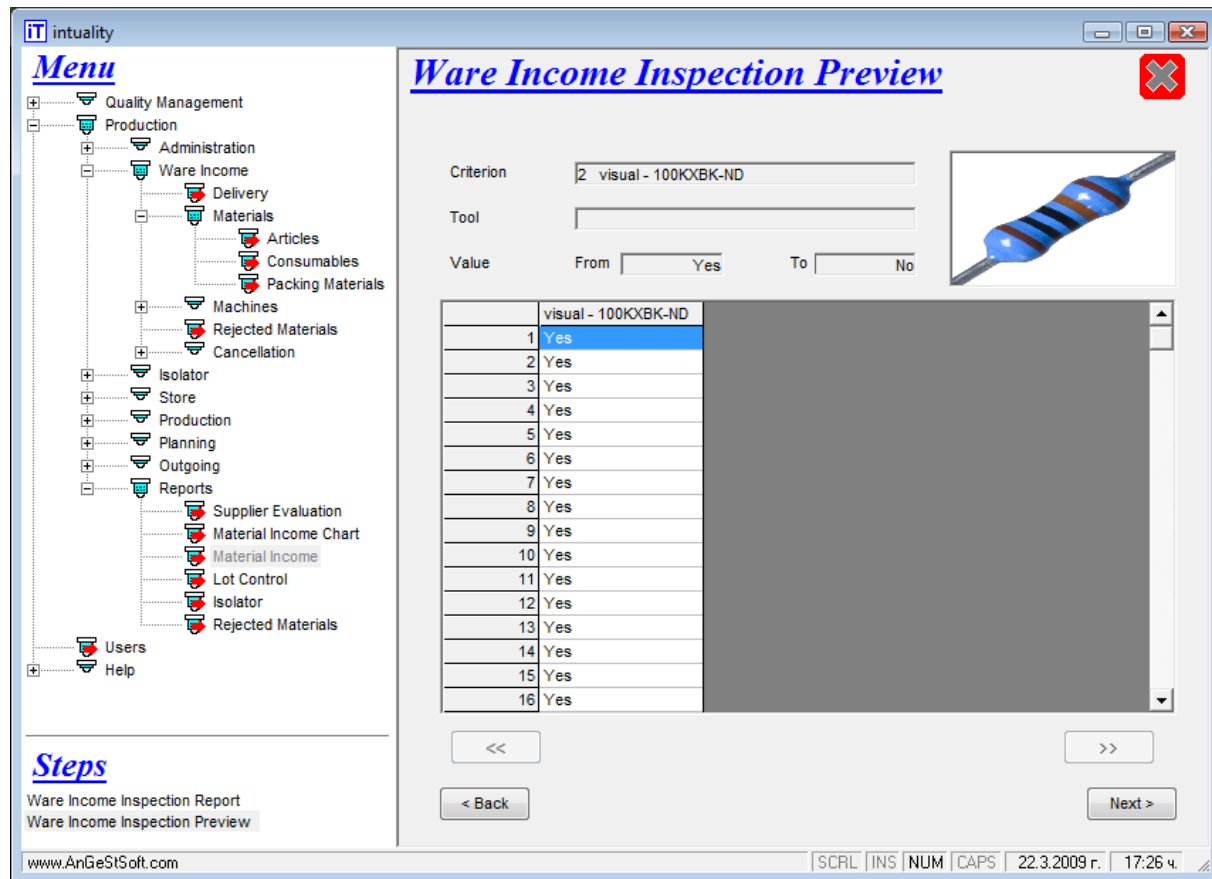
Sample	Sample Size	Cumulative Sample	SubGroup	SubGroup Number	Acceptance	Rejection
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Click on the Next button to go to the next step.

On this step we can see all the criteria and the data for measuring of the sample



Click on the Next button to go to the next step.

On this step we can see statistical information.

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Steps

- Ware Income Inspection Report
- Ware Income Inspection Preview

Ware Income Inspection Preview

Step: Sample 1 Criterion: 2 visual - 100KXBK-ND

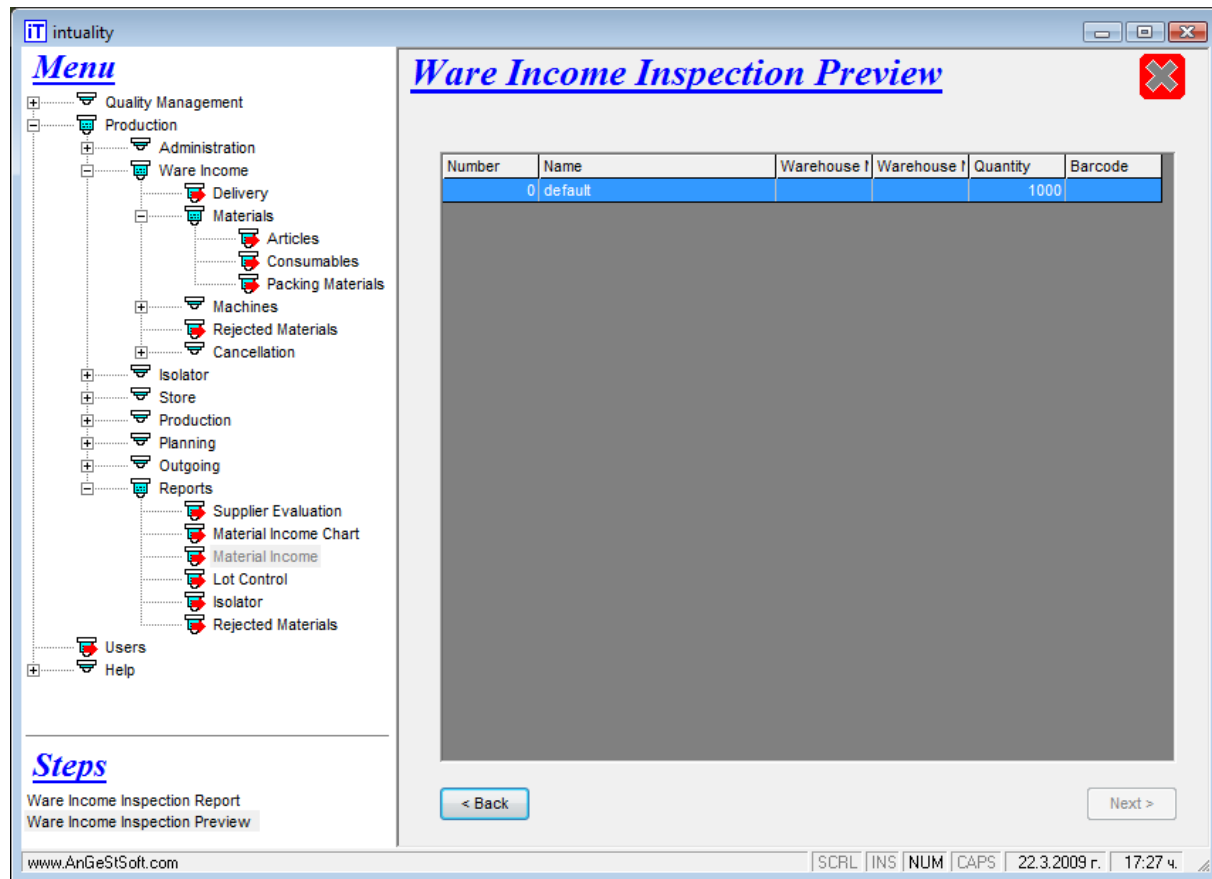
Statistic	Run Chart	Histogram	Pie
Count			34,0
Minimum			1,0
Maximum			1,0
Range			0,0
Sum			34,0
Mean			1,0
Median			1,0
Mode			1,0
Sample Variance			0,0
Standard Deviation			0,0
Kurtosis			0,0
Skewness			0,0
Standard Error			0,0

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Click on the Next button to go to the next step.

On this step we can see how the Ware Income Inspection is dispatched.



Click on Close button.