



## SAP EHS - Waste Management

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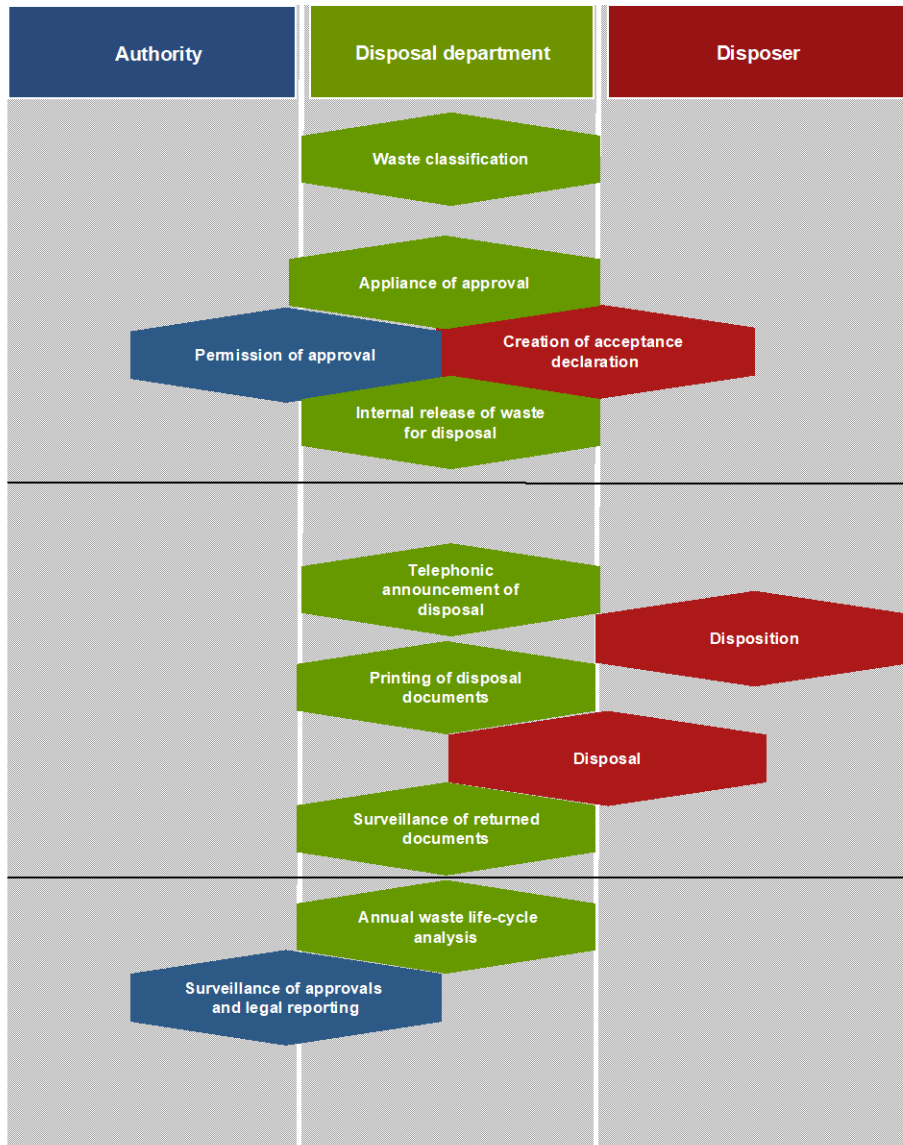
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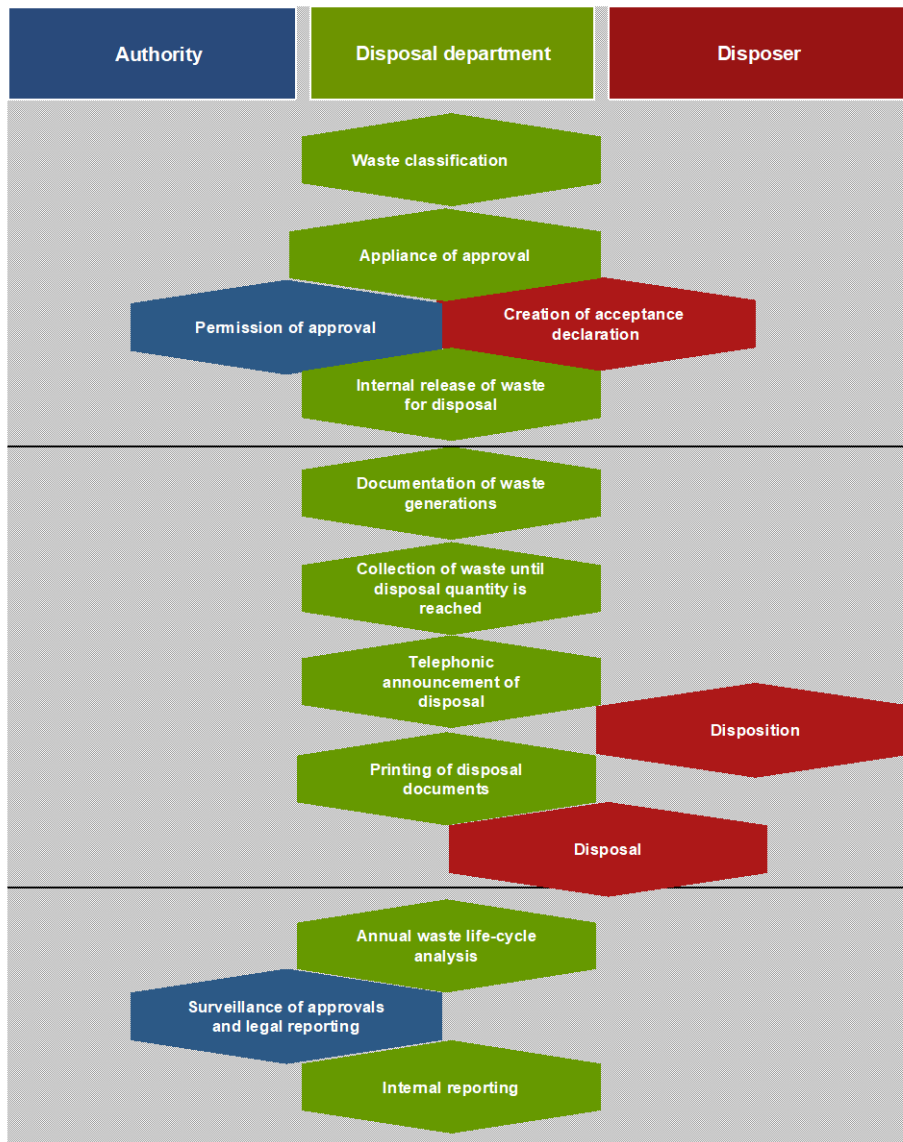
## Legally Compliant Disposal Processing

This covers the management of basic waste processes, and the transport requirements resulting from dangerous goods legislation.



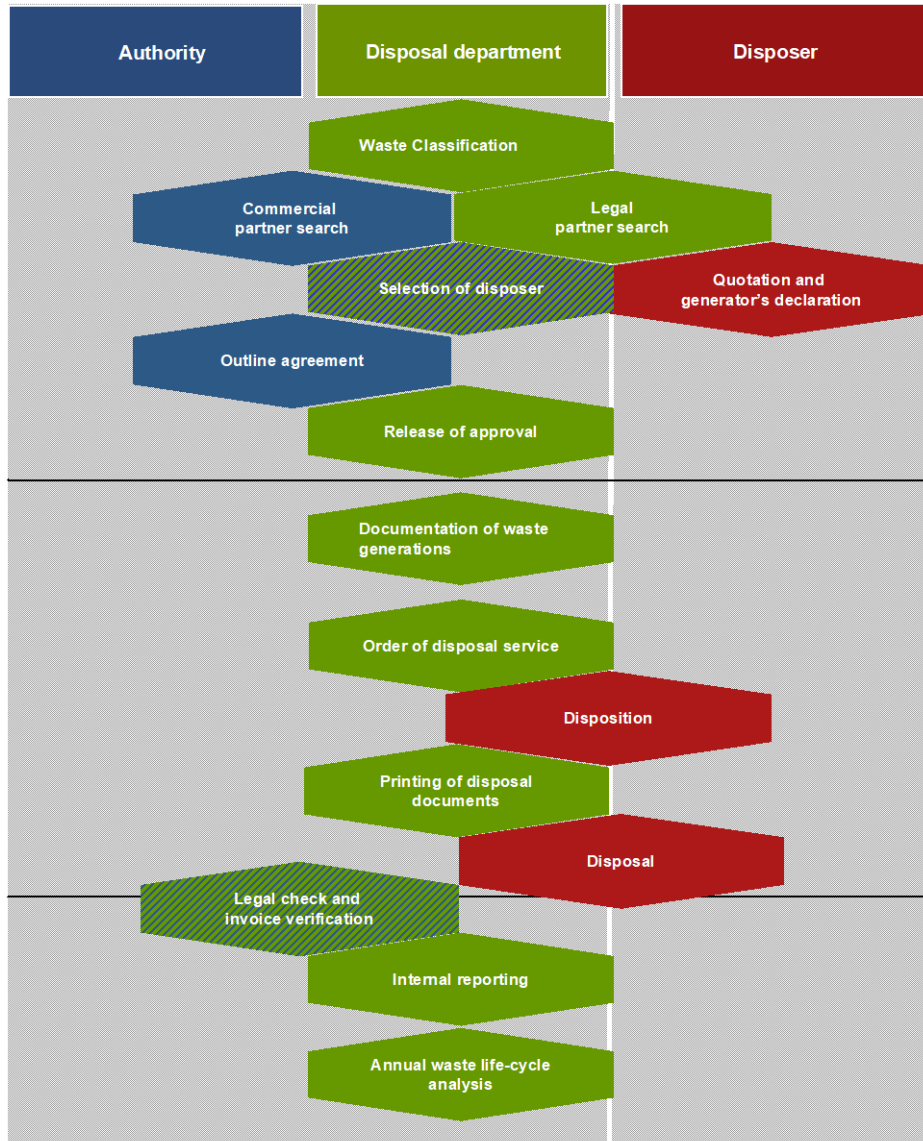
## Entry of Internal Quantities

This covers legally compliant disposal processing using internal quantities.



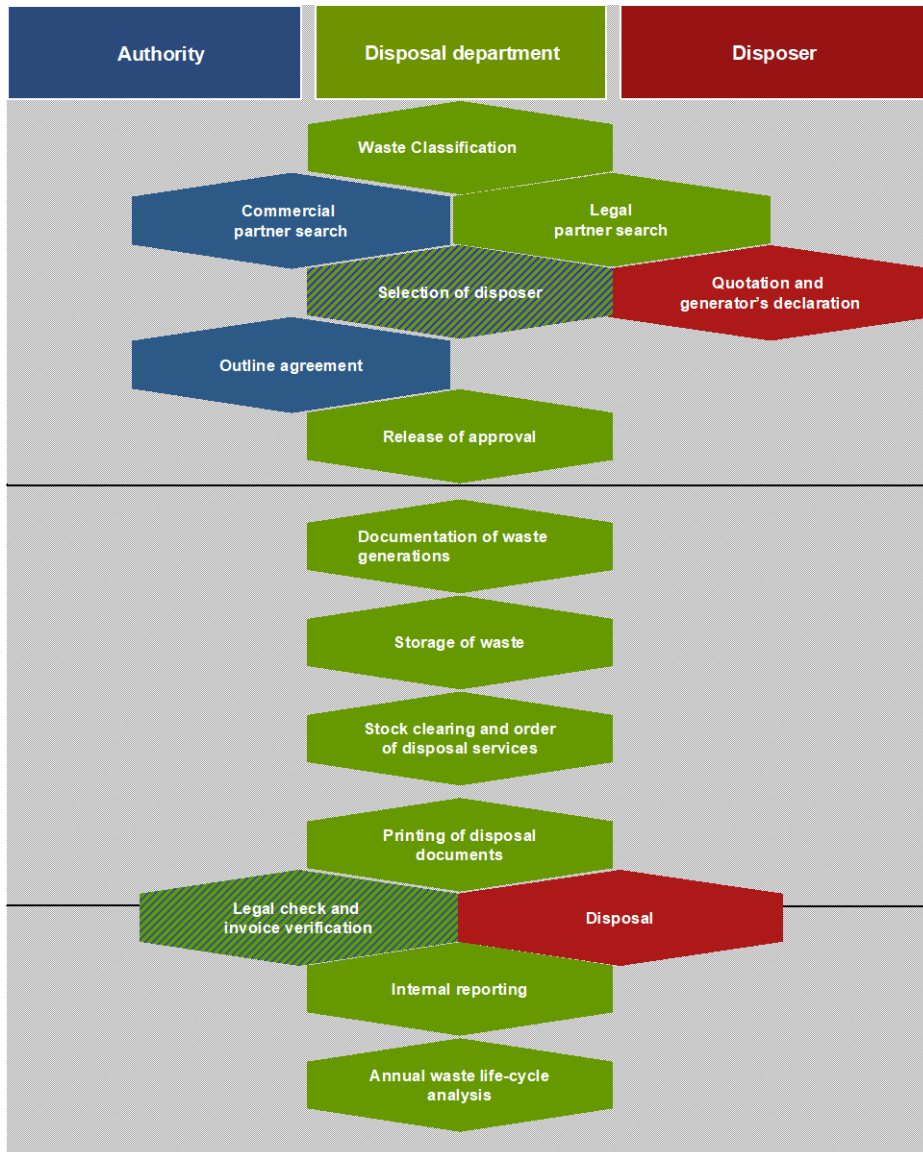
## Processing with Integration of Purchase Orders

This covers legally compliant and commercial disposal processing.



## Integrated logistic processing

This covers legally compliant, commercial, and logistic disposal processing.



## Scenario: Waste Management Processes

### Purpose

The Waste Management module is used to execute a variety of different waste disposal processes. The function modules are used to integrate standard functions of mySAP solutions in waste disposal processes. The more deeply integrated the processes are, the more standard functions of the mySAP solutions are used to include commercial and logistic requirements.

The following document is based on four basic waste disposal processes. The processes can be executed by using the standard functionalities of mySAP EH&S Waste Management. Additional function modules are available to execute other waste disposal processes, but are not part of the standard system. This document focuses on the waste processing tasks which are usually executed by the environmental department. The following main processes are part of the demonstration scenarios:

- legally compliant disposal processing
- legally compliant disposal processing using internal quantities
- legally compliant and commercial disposal processing
- legally compliant, commercial and logistic disposal processing.

### Prerequisites

You have entered the master data required to go through the procedures of this scenario. Make sure that the following scenario-specific master data exists before you test this scenario:

Waste Management		Integration Objects	
Material:	CH-7500	Company Code:	BP01
Specification Waste Code:	EWC_080111	Production Plant:	BP01
Specification Substance:	CH-7500	General Ledger:	655000
Waste Generators:	BP_CH-WG, BPCH_PRODI, BPCH_PRODII	Request:	6000000000
Waste Transporter:	BP_CH_WT	Quotation:	No entry
Waste Disposer:	BP_CH_WD, BP_CH_DF	Contract:	4600000003
Waste Approval:	BPCH7500	Cost Center:	1205
DG Regulation:	CFR	Vendor:	S-1003

## Create Entry Document – Disposal Processing with Purchase Order

### Use

This covers the processing of waste disposal by using entry documents to quantify the amount of waste and the generation of the purchase order.

Create an Entry Document for Disposal Processing and save it.

### Prerequisites

Define the user parameter ID "EHSWAP\_EAC" with parameter value "000001" in transaction **SU01** for your user, if you want to predefine the document type to be used in the transaction.

### Procedure

1. Access the transaction by choosing one of the following navigation options:

<b>SAP Menu</b>	<i>Logistics → Environmental, Health &amp; Safety → Waste Management → Disposal processing → Edit entry documents</i>  <ol style="list-style-type: none"> <li>1. On the <i>Choose Entry Document Category</i> dialog box, choose <i>Processing w. int/ext.no.range</i>, and choose <i>Enter</i>.</li> <li>2. On the <i>Disposal Processing Change</i> screen, choose the Icon <i>Create</i> (Shift+F6) to switch to transaction <b>WAE01</b>.</li> </ol>
<b>Transaction code</b>	<b>WAE01</b>

2. On the *Disposal Processing Create* screen, make the following entries:

Field name	Description	User action and values	Comment
ENTAMNO	Entry document	CHn	n is a continuous number
BPWANO	Generation	CH_WA_7500	
EAMTAM	Quantity	5	
EAMTAMU	Unit	T	

3. Choose *Enter*.
4. Choose *Save*.

### Result

An entry document is created.



## Insert detail information in the Entry Document

### Use

Add additional information to the entry document.

### Procedure

1. Access the transaction by choosing one of the following navigation options:

<b>SAP Menu</b>	<i>Logistics → Environmental, Health &amp; Safety → Waste Management → Disposal processing → Edit entry documents</i>
<b>Transaction code</b>	<b>WAE02</b>

2. On the *Disposal processing change* screen, make the following entries:

Field name	Description	User action and values	Note
ENTAMNO	Entry document	Enter Number of your saved entry document	

3. Choose *Enter*.
4. Select the entry document under the *Doc. overview* screen.
5. Choose *Detail view*, and select the *Acct assgt* tab.
6. Make the following entries and confirm each of the steps with *Enter*:

Field name	Description	User action and values	Note
SAKNR	G/L acct disp.	655000	Tab Acct assgt
KNTTP	AcctAss.Cat.	K	Tab Acct assgt

7. Choose *Enter*.
8. Choose the *Partner assgmt* tab.
9. Place cursor in the *Partner* column of the *Detail view*.
10. Choose the **F4** button on the keyboard.
11. On the *Business Partner for Waster Management* dialog box, select the *Search for Disposers from Disposal Channels* tab.
12. Select the row identified with *Partner* value **BP\_CH\_DF**, and choose *Enter* to *Copy*.
13. Choose *Save*.

### Result

The data has been saved.

## Create a Purchase Order

### Use

Open the just created Entry Document, check the input data, and create a purchase order by using the button *Create Purchase Order*.



The button *Create Purchase Order* is only visible in the Edit Mode.

### Procedure

1. Access the transaction by choosing one of the following navigation options:

<b>SAP Menu</b>	<i>Logistics → Environmental, Health &amp; Safety → Waste Management → Disposal processing → Edit entry documents</i>
<b>Transaction code</b>	<b>WAE02</b>

2. On the *Disposal processing change* screen, *Enter number of your saved Entry document*.
3. Choose *Enter*.
4. Select the entry document under the *Doc. Overview* screen.
5. Choose *Create Purchase Order*.
6. If the warning, "Can not lock EHSWA\_100\_IOTAB\_TO\_BUF\_REREAD" appears, ignore it.
7. Choose *Save*.
8. In the *Function List* panel on the top right corner of the *Disposal processing change* screen, scroll down to choose *Display Follow-on Documents*.
9. Note the Number of the purchase order under the *F-on doc* column.

### Result

A Purchase Order was created.

## Display Purchase Order

### Use

Here you display the created Purchase order. This procedure is optional.

1. Access the transaction by choosing one of the following navigation options:

<b>SAP Menu</b>	<i>SAP menu → Logistics → Materials Management → Purchasing → Purchase order → Display</i>
<b>Transaction code</b>	<b>ME23N</b>

2. In the menu choose *Purchase order → Other purch. Order* (Shift + F5)

3. On the *Select Document* dialog box, select the *Pur. Order* radio button and enter the *Purchase Order Number* noted in the previous step.
4. Choose *Other document*.

## Create a Disposal Document

### Use

Open the just created Entry Document once more, and check it. Insert the same input and output quantity and create a Disposal Document by using the function *Create Document with confirmation* from the *Function List*.

### Procedure

1. Access the transaction by choosing one of the following navigation options:

<b>SAP Menu</b>	<i>Logistics → Environmental, Health &amp; Safety → Waste Management → Disposal processing → Edit entry documents</i>
<b>Transaction code</b>	<b>WAE02</b>

2. On the *Disposal processing change* screen, Enter number of your saved Entry document.
3. Choose *Enter*.
4. Select the entry document under the *Doc. Overview* Screen
5. On the *Disposal processing change* screen, make the following entries:

Field name	Description	User action and values	Comment
EAINAM	Outgoing qty	5	
EAINAMU	Unit	T	

6. Choose *Save*.
7. Select the entry document and in the *Function List* panel which is in the top right corner of the *Disposal processing change* screen scroll down to choose *Create Disposal Document*.
8. Check the data in the dialog box *Disposal Processing: Disposal Document*
9. Choose *Enter*.
10. Note the number of the disposal document.

### Result

A disposal document was created.

If you want to display the created document, proceed as follows:

1. Select the entry document and in the *Function List* panel which is in the top right corner of the *Disposal processing change* screen scroll down to choose *Display Follow-On Documents*.

## Verify the entries in the Disposal document

### Use

Verify the data within the just-created Disposal document, and make corrections or insert additional information, if necessary.

### Procedure

1. Access the transaction by choosing one of the following navigation options:

<b>SAP Menu</b>	<i>SAP menu → Logistics → Environmental, Health &amp; Safety → Waste Management → Disposal Documents → Edit Disposal Documents</i>
<b>Transaction code</b>	<b>WAM02</b>

2. On the *Change Disposal Document* screen, enter the Disposal Document number noted in the previous step in the *Disposal doc field*.
3. Choose *Enter*.
4. On the *Change Disposal Document* screen, enter the Current date with **1fd.No001** into the *Trnsrgl auth. no* field.
5. Enter **5.5** in the *Total qty dspds* field.
6. Choose *Enter*.
7. Choose enter to ignore the message “No phrases were assigned to the phrase set (characteristic PAPPOS)”.
8. Choose enter to ignore the message “No phrases were assigned to the phrase set (characteristic PAPHEAD)”.
9. Choose *Save*.
10. Choose *Back* (F3).

### Result

The disposal document was completed. A Message appears stating the licensed remaining qty in the approval BPDFCH7500 for waste code F017.

## Execute Invoice Verification

### Use

Execute the invoice verification of your created Purchase Order.

## Procedure

1. Access the transaction by choosing one of the following navigation options:

<b>SAP Menu</b>	<i>SAP menu → Logistics → Materials Management → Logistics Invoice Verification → Document Entry → Enter Invoice</i>
<b>Transaction code</b>	<b>MIRO</b>

2. On the *Enter Company Code* screen, enter **BP01**.
3. Choose *Enter*.
4. On the *Enter Incoming Invoice: Company Code BP01* screen, make the following entries:

Field name	Description	User action and values	Comment
BLDAT	Invoice date	Current date	Tab Basic data

5. Place the cursor in the field to the right of the field *Purchase Order/ Scheduling Agreement*, and use F4-key to open the dialog box, *Possible Entries for Purchasing Document*.
6. Make the following entries:

Field name	Description	User action and values	Comment
LIFNR	Vendor	S-1003	Area: <i>Selections For the purchasing Document</i>
XRERW	Invoice expected	Deactivate	Area: <i>Other selections</i>
XGERW	Cred. memo expected	Deactivate	Tab <i>Other selections</i>

7. Choose *Execute* (F8).
8. Select the Purchase Order noted in the previous step and choose copy.
9. Choose *Enter* on the *Enter Incoming Invoice: Company Code BP01* screen.
10. Select the checkbox under Booking OK field which is in front of the Purchase Order.
11. Choose *Enter*.
12. On the *Enter Incoming Invoice: Company Code BP01* screen, make the following entries.

Field name	Description	User action and values	Comment
WRBTR	Amount	1250 (Insert the general amount of invoice)	Tab PO reference
MENGE	Quantity	5	Tab PO reference
RBLGP	Calculate tax	Activate Checkbox	Tab Basic data

13. Select I1 as Tax Code and choose *Enter*.
14. On the *Enter Incoming Invoice: Company Code BP01* screen, make the following entries:

Field name	Description	User action and values	Comment
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ZFBDT	BaselineDT	in one week	Tab payment
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15. Note the amount in the *Balance* field.

16. On the *Enter Incoming Invoice: Company Code BP01* screen, make the following entries:

Field name	Description	User action and values	Comment
WRBTR	Amount	1450	Tab Basic data

17. Choose *Save*.

18. Note the invoice number.

## Result

The invoice verification is executed. The Invoice Document was generated as “blocked for payment”. The balance was set to Zero, after the correct amount was entered and the data has been saved.

## Invoice to authorize a sum for payment

### Use

Here you authorize the invoice for payment.

### Procedure

1. Access the transaction by choosing one of the following navigation options:

<b>SAP Menu</b>	<i>SAP menu → Logistics → Materials Management → Logistics Invoice Verification → Further processing → Release Blocked Invoices</i>
<b>Transaction code</b>	<b>MRBR</b>

2. On the *Release Blocked Invoices* screen, make the following entries:

Field name	Description	User action and values	Comment
LIFNR	Vendor	S-1003	

3. Choose *Execute* (F8)

4. Select the invoice by clicking the respective row. The selected row with the invoice turns orange.

5. Release invoice (F9). The status of the invoice changes to RE (Released), and the row becomes green.

6. Choose *Save changes*.

## Result

The invoice is authorized for payment (green).