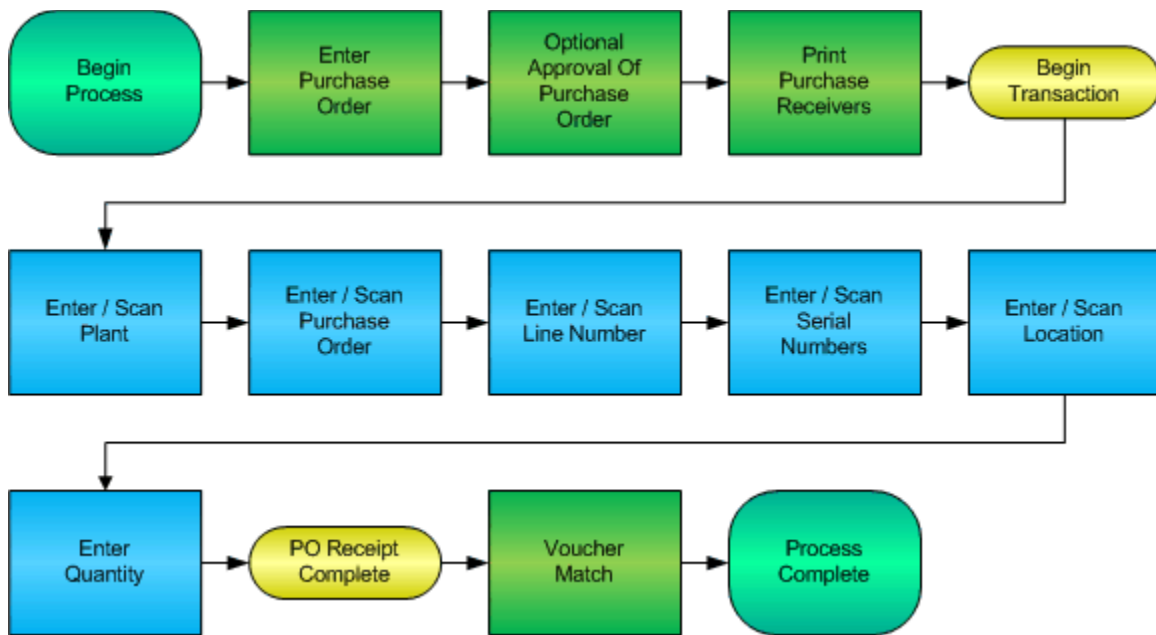


## Purchase Order Receipt by Line w/ Serial Numbers



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Requirements:       RFgen Version 3.2.1.5 or later  
                      RFgen SAP Integration Suite

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## FPOLR0210 – PO Receipt by Line w/ Serial Numbers

[PO Receipt]  
 Plant: 3000  
 PO#: 4500013560  
 Line: 10  
 Mat#: T-SRM00  
 ST Casing SRM00  
 Serials: APX000500 99  
 Locn: 0002  
 Qty: 2 Max Qty: 35  
 New Line Submit to SAP  
 Submit Refresh Clear Exit

This transaction allows receipt by line into a plant location. At receipt, a location can be assigned, and a serial number can be recorded, depending on your company's requirements.

This is a variation of the standard PO Receipts by Line transaction. The two differences are the collection of serial numbers to be applied to incoming materials and the ability to batch up all the lines before sending anything to SAP. This means that SAP will only need to generate one material document for all the lines together rather than one per line.

The following conditions apply to the RFgen implementation for the PO Receipt with Serials variation within the SAP environment.

Note: any of these parameters may be easily adjusted to meet the unique requirements of your company.

### ✓ Validations

Prompt	Method of Validation
Plant	T001W table
Purchase Order Number	BAPI_PO_GETITEMS
Line Number	BAPI_PO_GETDETAIL
Serial	EQUI and JEST are used to validate
Location	BAPI_MATERIAL_GETLIST
Quantity	Numeric, positive value and not greater than max qty

### ✓ Edits

Condition	Table
Default Branch Plant	User Defined
Quantity entered <=0	Positive, numeric, and not greater than quantity on hand

### ⇌ Function Keys

Key	Function
F3	Exit
F4	Search Data for Current Field
F8	Submit value for the Current Screen Display

## Considerations

1. Do you allow partial receipts?
2. Do you want the Branch to default based on user?
3. Do you use locations, and if so, are there any special circumstances that need to be considered? (i.e. always issue from a particular location?)
4. Do you use lot control?
5. What format is used for Serial Numbers?

# SAP Programs - Reference

## SAP Purchase Order Detail: MB1C

Other goods receipts | Edit | Goto | Movement type | Environment

**Enter Other Goods Receipts: Initial Screen**

Document date: 12/14/2006      Posting date: 12/14/2006  
 Material slip:   
 Doc.header text:       GR/GI slip no.:

**Defaults for document items**

Movement type: 101      Special stock:   
 Plant: 3000      Reason for movement:   
 Storage location: 0001       Suggest zero lines

**GR/GI slip**

Print     
  Individual slip  
 Indiv. slip w. inspect text  
 Collective slip

**Reference: Order**

Order	SLoc	S	By-prod	Op. sel.	FIs	Extended
4500012458	0001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	0001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	0001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	0001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	0001			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Find reservations**

Material:   
 Plant: 3000  
 Requirements date:   
 By-products:

Adopt + details

Continue (Enter)

## Setup an RFgen Menu

To implement an RFgen Form using SAP movement types in an RFgen Menu the movement type needs to be specified.

Enter the Form name, followed by a Space. Enter “-TYPE=” and the movement type.

Form/Menu	Description to Display
FPOLR0200 -TYPE=101	Receipt by Line Serial/Batch

## Basic Test Script

Consider if your company allows partial receipts while performing testing.

1. Record quantities on hand from SAP for the Plants, Materials and their associated batches and locations that you will perform Purchase Order Receipts.
2. Create and document the following scenarios:
  - a. Receive an amount that differs from the amount on the Purchase Order. Review the Purchase order to ensure that the transaction completed according to your company set up.
  - b. Attempt to receive items that are not at receipt status. An error should appear.
3. Review the Purchase Order Detail record for verification that the order has been received and updated and that the quantity on hand updated to the correct amounts on your valid transactions.

## Test Script Description: PO Receipt by Line w/ Serial Numbers

### RFgen Input Requirements

Before you begin testing, ensure, for the combination of plant(s) and materials(s) you will be testing, that the following is setup in SAP.

- a. Plant
- b. Material
- c. PO
- d. Batch
- e. Locations
- f. Serial Numbers

### Execution Procedures

ID	Test Case	Expected Result	Pass	Fail
1	Type in a valid Plant _____ Press the <b>ENTER</b> key	RFGEN will validate and accept the plant entered.		
2	Type in a valid PO# _____ Press the <b>ENTER</b> key	RFGEN will validate and accept the purchase order number entered.		
3	Type in a valid Line _____ Press the <b>ENTER</b> key	RFGEN will validate and accept the line entered.		
4	Type in a valid Serial _____ Press the <b>ENTER</b> key	RFGEN will validate and accept the serial number entered.		
5	Type in a valid Location _____ Press the <b>ENTER</b> key	RFGEN will validate and accept the location entered		
6	Type in a valid Qty _____ Press the <b>ENTER</b> key	RFGEN will validate and accept the quantity entered		
7	Type in an invalid Plant _____ Press the <b>ENTER</b> key	RFGEN will validate the plant entered and display an error message – the field will continue to error out until corrected		
8	Type in an invalid PO# _____ Press the <b>ENTER</b> key	RFGEN will validate and display an error message – the field will continue to error out until corrected		
9	Type in an invalid Line _____ Press the <b>ENTER</b> key	RFGEN will validate and display an error message – the field will continue to error out until corrected		
10	Type in an invalid Serial _____ Press the <b>ENTER</b> key	RFGEN will validate and display an error message – the field will continue to error out until corrected		
11	Type in an invalid Location _____	RFGEN will validate and display an error		

	Press the <b>ENTER</b> key	message – the field will continue to error out until corrected		
12	Type in an invalid Qty _____ Press the <b>ENTER</b> key	RFGEN will validate and display an error message – the field will continue to error out until corrected		
13	Press the “F4” key with the cursor in the plant field	RFGEN will display a list of plants		
14	Press the “F4” key with the cursor in the PO # field	RFGEN will display a list of purchase order numbers		
15	Press the “F4” key with the cursor in the Line field	RFGEN will display a list of lines		
16	Press the “F4” key with the cursor in the Location field	RFGEN will display a list of locations		
17	At the RFGEN “Enter to Accept Prompt” the transaction is submitted	Confirm the PO Receipt by Line results		

### Overall Test Case Results

<b>Pass/Fail:</b>	
<b>Tester/Date:</b>	
<b>Re-Tester/Date:</b>	

<b>Actual Results:</b>	
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<b>Comments:</b>	
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