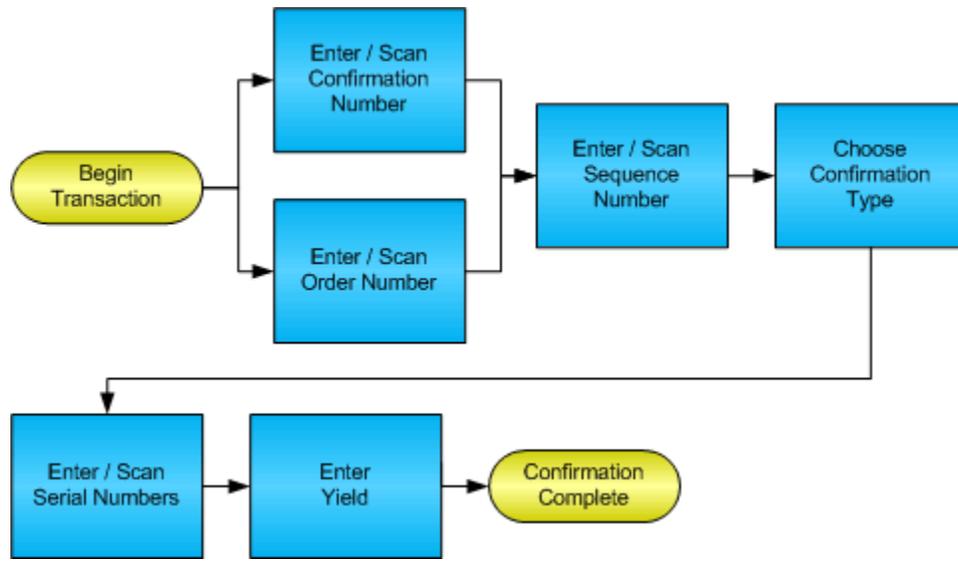


Production Order Operation Confirmation w/ Serial Numbers



RFgen Software
1101 Investment Boulevard, Suite 250
El Dorado Hills, CA 95762
888-426-3472

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Requirements

- RFgen Version 5.0 or later

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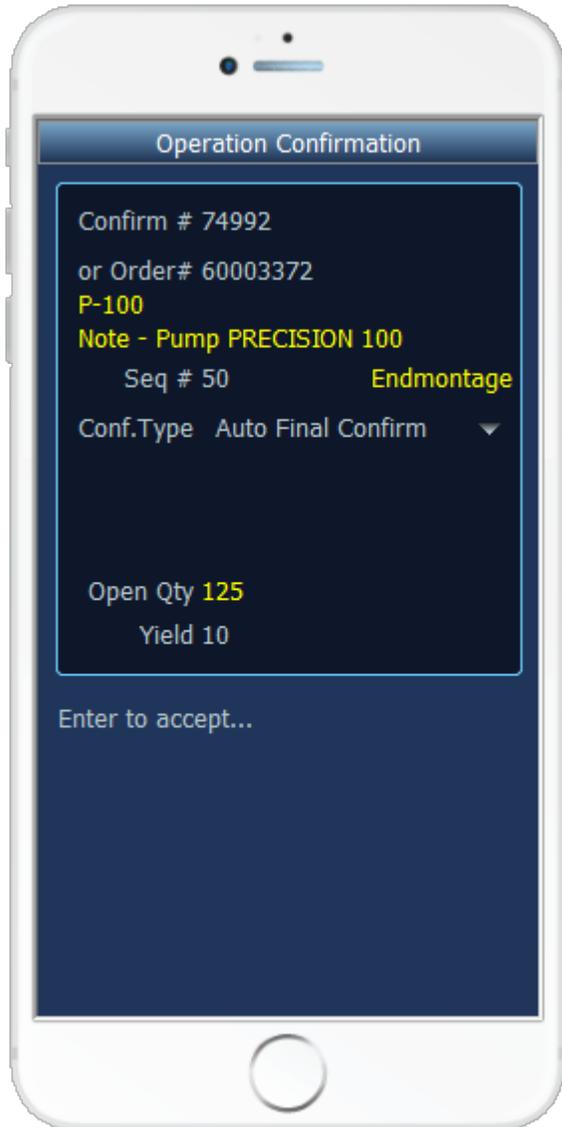
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FPROC0210 – Operation Confirm w/Serial Numbers



This mobile application completes the operation of a production order work order by increasing inventory for the manufactured material and updating the status of the production order to identify the operation as being complete.

This is a variation of the standard Operation Confirmation and includes a few changes. A confirmation number or Order number may be entered to load the proper data. There is a drop down box containing the 'Auto final', 'Final', or 'Partial' options for completing this operation. One or more serial numbers may be captured as the material is created at this operation step

The following conditions apply to the RFgen implementation for the Production Order Operation Confirmation w/ Serial Numbers 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
Confirmation Number	AFRU table
Production Order	AFPO table
Sequence Number	AFVC table
Serial	SER05, OBJK, EQUI, and JEST tables
Yield	

✓ Edits

Condition	Special Circumstance
Yield	Must be numeric

↔ Function Keys

Key	Function
F3	Exit
F5	Search Data for Current Field

Considerations

1. Are negative quantities allowed on the completion?
2. Allow for alternate completion types?

SAP Programs – Reference

SAP Operation Confirmation w/ Serial Numbers CO01: Create/Release Production Order

Production Order Create: Initial Screen

The screenshot displays the initial screen for creating a production order in SAP. It features several input fields and a 'Copy from' section. The 'Material' field contains '7060a1007'. The 'Production plant' and 'Planning plant' fields both contain '1000'. The 'Order type' field contains 'pp01' and has a small icon to its right. Below these fields is an empty 'Order' field. At the bottom, there is a 'Copy from' section with an 'Order' field and a green arrow icon.

Material	7060a1007
Production plant	1000
Planning plant	1000
Order type	pp01
Order	
Copy from	
Order	

Release/Save Production Order

Production order Change: Header

Order: 50094691 Type: PP01
 Material: 7060A1007 SOURCE FOUR 419 W/O CONNECTOR PInt: 1000
 Status: REL MSPT PRT PRC SETC

General Assignment Goods receipt Control data Dates/qty's Master data Long text

Quantities
 Total quant: 48 EA Scrap portion: 0.00 %
 Delivered: 0 ExpectYieldVar: 0

Dates

	BasicDates	Scheduled	Confirmed
Finish	08/09/2007 00:00	08/08/2007 15:00	
Start	08/08/2007 00:00	08/08/2007 10:44	00:00
Release		08/08/2007	08/08/2007

Scheduling
 Type: Backwards
 Reduction: No reduction carried out
 Note: No scheduling note
 Priority:

Floats
 Scheduling margin: 000
 Float bef. prod: Workdays
 Float after pro.: Workdays
 Release period: Workdays

Saved Production Order screen above.

Production Order prints automatically at this time. Paper copy follows routing:

Order: 50094691 Type: PP01
 Material: 7060A1007 SOURCE FOUR 419 W/O CONNECTOR PInt: 1000
 Sequence: 0 Standard

Operation Overview

OpAc	Wor...	Ctrl	St...	Operation short text	Txt	CO...	PRT	TPt	D...	Start	Finish	Confirm
0010	400	ZP99	401	Fixtures Assembly		<input checked="" type="checkbox"/>				08/08/2007	08/08/2007	
0020												
0030												

In this case, production order would go directly to Fixtures Assembly.

Product assembled, and is ready to be received into stock:

CO11N: To move operation and/or receive stock into inventory.

Enter time ticket for production order

Confirmation			
Order		Material	
Oper./activity		Sequence	
Confirm.type	Automatic final confirmati	<input type="checkbox"/> Clear open reservations	
Quantities			
	To confirm	Unit	
Yield			
Scrap			
Reason for Var.			
Activities			
	To confirm	Unit	N
Setup time			<input type="checkbox"/>
Machine time			<input type="checkbox"/>
Labor time			<input type="checkbox"/>
Pers. ID Numb			
Confirmation			

Enter Production Order number:

Goods movements | Actual data

Confirmation

Order Material

Oper./activity Sequence

Confirm.type Clear open reservations

Quantities

	To confirm	Unit
Yield	<input type="text"/>	<input type="text"/>
Scrap	<input type="text"/>	<input type="text"/>
Reason for Var.	<input type="text"/>	<input type="text"/>

Activities

	To confirm	Unit	N
Setup time	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Machine time	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Labor time	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

Pers. ID Num

Confirmation

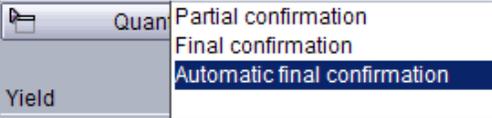
Enter operation number, F5 to search:

OperationOverview													
	OpAc	Wor...	Ctrl	St...	Operation short text	Txt	CO...	PRT	TPt	D...	Start	Finish	Co
	0020	200	ZP00	15	Assy / Test	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	05/07/2007	05/10/2007	
	0030	296	ZP99	5	Receiving	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	05/07/2007	05/10/2007	

Default to Automatic Confirmation:

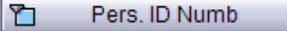
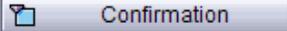
Confirmation 279552
 Order 50094401 Material 4260A2003 GATEWAY DMX TBLK MODULE
 Oper./activity 0020 Sequence 0 Assemble 

Confirm.type **Automatic final confirmati** Clear open reservations

Quant  Partial confirmation
 Final confirmation
Automatic final confirmation

Yield
 Scrap
 Reason for Var.
 Activities 

	To confirm	Unit	N
Setup		MIN	<input type="checkbox"/>
Machine		MIN	<input type="checkbox"/>
Labor	150	MIN	<input type="checkbox"/>

 Pers. ID Numb
 Confirmation

Not an SAP table to select from:

Domain AUERU_VS Active
 Short Description Propose final confirmation

Attributes Definition Value range

Single vals

	Fix.val.	Short text
	=	Partial confirmation
	X	Final confirmation
	1	Automatic final confirmation

(Current below)

Confirm.type Automatic final confirmati Clear open reservations

Quantities

Enter quantity and save.

Confirm.type Automatic final confirmati Clear open reserv

Quantities

	To confirm	Unit
Yield	48	
Scrap		
Reason for Var.		

Activities

Confirmation of quantity remaining:

Total ordered (AFKO-GAMNG)

Qty Delivered: MWZDM07M2-GWEMG

Transp. table MWZDM07M2 Active

Short Description ZDM07M2

Attributes Delivery and Maintenance Fields Entry help/check Currency/Quantity Fields

Srch help Built-in type

Field	Key	Initi	Data element	Data Ty...	Length	Deci...	Short Description
GWEMG	<input type="checkbox"/>	<input type="checkbox"/>	WEMNG	QUAN	13	3	Quantity of goods received
XREFC	<input type="checkbox"/>	<input type="checkbox"/>	XFELD	CHAR	1	0	Checkbox
UCUOB	<input type="checkbox"/>	<input type="checkbox"/>	CUOBM	NUMC	18	0	Internal object number
USTDP	<input type="checkbox"/>	<input type="checkbox"/>	STDPD	CHAR	18	0	Configurable material
PRERR	<input type="checkbox"/>	<input type="checkbox"/>	PRERR	CHAR	12	0	Price determination error at time of goods receipt
FRLFD	<input type="checkbox"/>	<input type="checkbox"/>	FRLFD	DATS	8	0	Earliest delivery date
YEXIT	<input type="checkbox"/>	<input type="checkbox"/>	YEXIT	CHAR	1	0	Cancel item (dispo)

Key fields for MWZDM07M2

Transp. table MWZDM07M2 Active

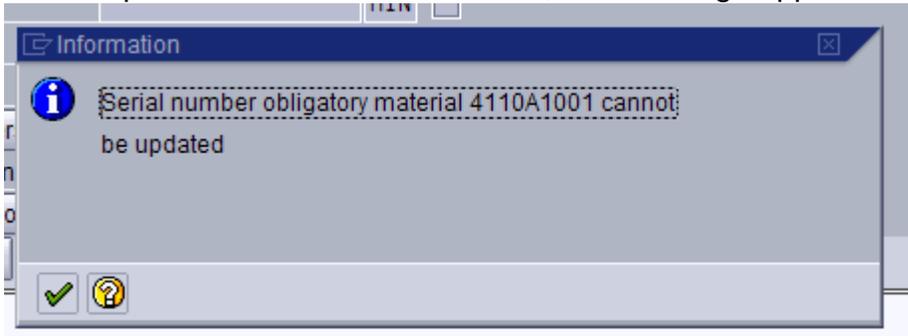
Short Description ZDM07M2

Attributes Delivery and Maintenance Fields Entry help/check Currency/Quantity Fields

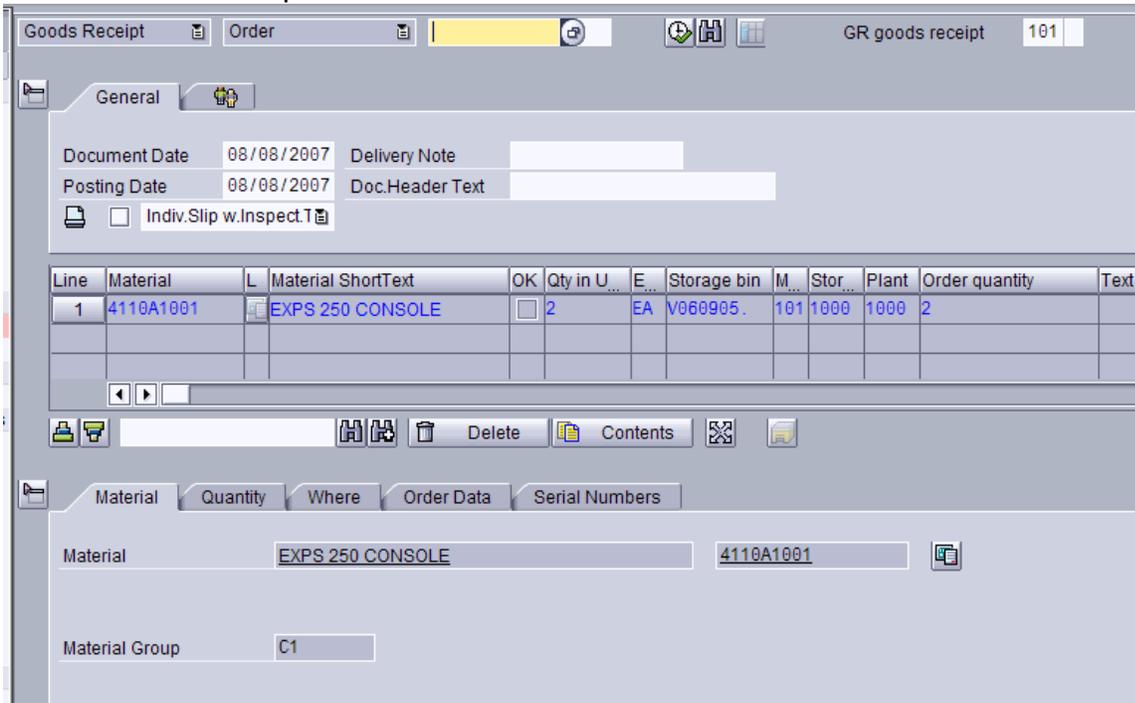
Srch help Built-in type

Field	Key	Initi	Data element	Data Ty...	Length	Deci...	Short Description
MANDT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	MANDT	CLNT	3	0	Client
MBLNR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	MBLNR	CHAR	10	0	Number of Material Document
MJAHR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	MJAHR	NUMC	4	0	Material Document Year
ZEILE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	MBLPO	NUMC	4	0	Item in Material Document

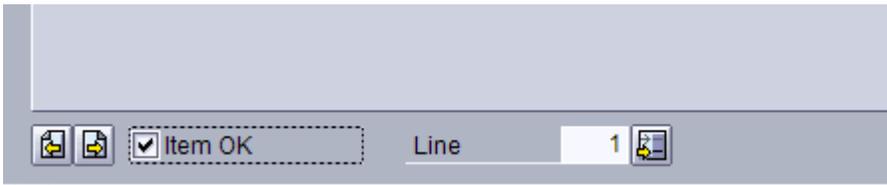
For Serialized Items:
As Is: Upon Save of Production Order, this message appears:



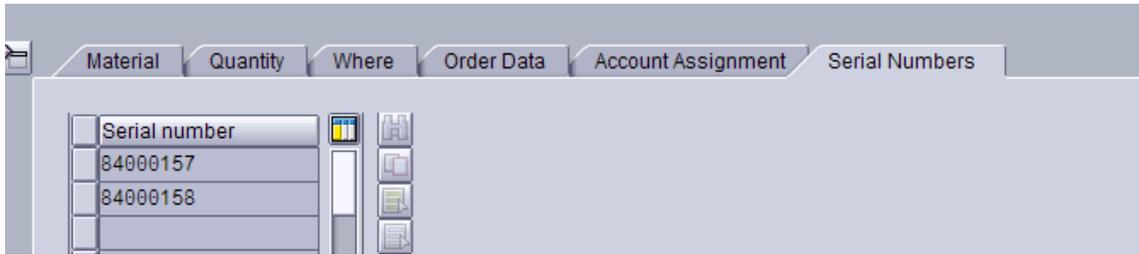
Then must go to MIGO:
Enter "Goods Receipt" "Order" Enter Production Order:



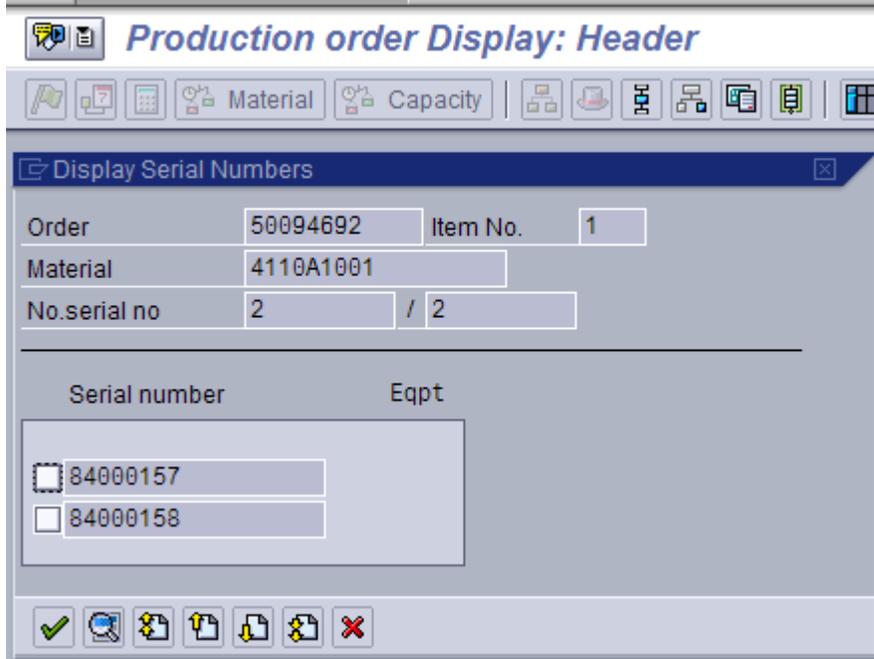
Check "Item OK"



Check Serial Number Tab:



Need validation for serial numbers: (SAP Table Field)



Hit Post.

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 proper movement type.

Form/Menu	Description to Display
FPROC0210 -TYPE=101	Operation Confirmation w/ Serials

Basic Test Script

1. Record quantities on hand from the Item Ledger for the Plants, materials and their associated batches and locations that you will perform an Operation Confirmation on.
2. Complete the Production Order and then review the Production Order Confirmation program and verify that it reflects the correct status.
3. Review the Item Ledger using CO14 to see that the quantity on hand updated to the correct amounts on your valid transactions.

Test Script Description: Operation Confirmation w/ Serial Numbers

RFgen Input Requirements

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

- a. Production Order
- b. Sequence Number
- c. Serial Numbers

Execution Procedures

ID	Test Case	Expected Result	Pass	Fail
1	Type in a valid Confirmation Number _____ Press the ENTER key	RFGEN will validate and accept the Confirmation Number entered.		
2	Type in a valid Production Order _____ Press the ENTER key	RFGEN will validate and accept the Production Order entered.		
3	Type in a valid Sequence _____ Press the ENTER key	RFGEN will validate and accept the Sequence entered.		
4	Type in a valid Serial Number _____ Press the ENTER key	RFGEN will validate and accept the Serial Number		
5	Type in a valid Yield Quantity _____ Press the ENTER key	RFGEN will validate and accept the quantity entered		
6	Type in an invalid Confirmation Number _____ Press the ENTER key	RFGEN will validate and display an error message – the field will continue to error out until corrected		
7	Type in an invalid Production Order _____ Press the ENTER key	RFGEN will validate and display an error message – the field will continue to error out until corrected		
8	Type in an invalid Sequence _____ Press the ENTER key	RFGEN will validate and display an error message – the field will continue to error out until corrected		
9	Type in an invalid Serial Number _____ Press the ENTER key	RFGEN will validate and display an error message – the field will continue to error out until corrected		

10	Type in an invalid Yield Quantity ____ Press the ENTER key	RFGEN will validate and display an error message – the field will continue to error out until corrected		
11	Press the “F5” key with the cursor in the Confirmation Number field	RFGEN will display a list of Confirmation Numbers		
12	Press the “F5” key with the cursor in the Order Number field	RFGEN will display a list of Order Numbers		
13	Press the “F5” key with the cursor in the Sequence Number field	RFGEN will display a list of Sequence Numbers		
14	At the RFGEN “Enter to Accept Prompt” the data is submitted	Confirm the Production Order Operation Confirmation results		

Overall Test Case Results

Pass/Fail	
Tester/Date	
RE-Tester/Date	

Actual Results	
-----------------------	--

Comments	
-----------------	--