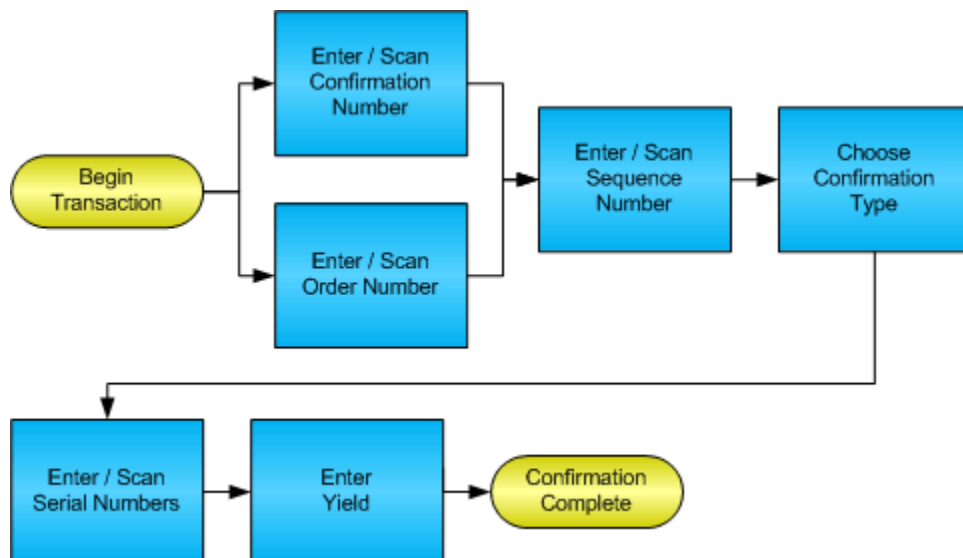


# Production Order Operation Confirmation w/ Serial Numbers



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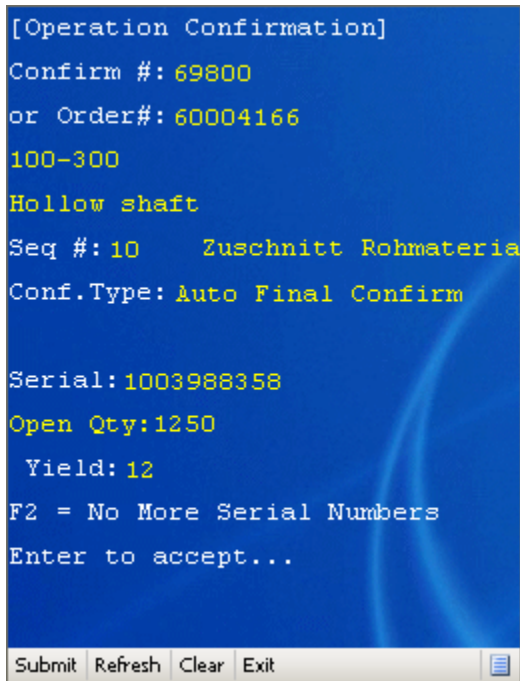
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Requirements:       RFgen Version 3.2.1.5 or later  
                      RFgen SAP Integration Suite

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## FPROC0210 – Operation Confirm w/ Serial Numbers



This transaction 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	Table
Yield	Must be numeric

### ⇨ Function Keys

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

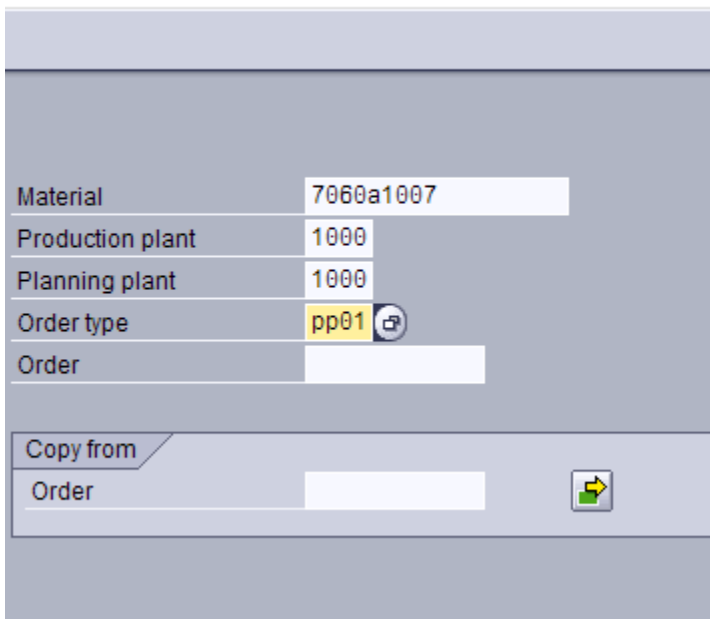
## Considerations



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*



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/qtys Master data Long text

**Quantities**

Total quant. 48 EA Scrap portion 0.00 %  
 Delivered 0 ExpectYieldVar 0

**Dates**

	BasicDates	Scheduled	Confirmd
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

**OperationOverview**




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

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


  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 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 Numb

Confirmation

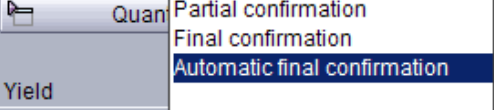
Enter operation number, F4 to search:

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

Quantities 

- 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 confirmat  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
XEXIT	<input type="checkbox"/>	<input type="checkbox"/>	XEXIT	CHAR	1	0	Cancel item (dialog)

Key fields for MWZDM07M2

Transp. table MWZDM07M2 Active

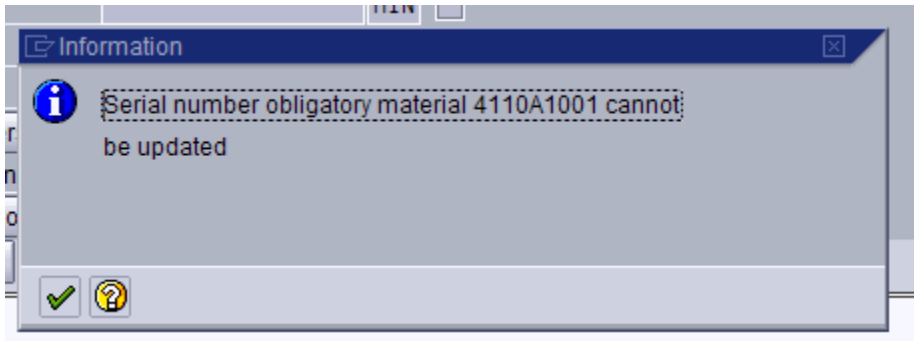
Short Description ZDM07M2

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

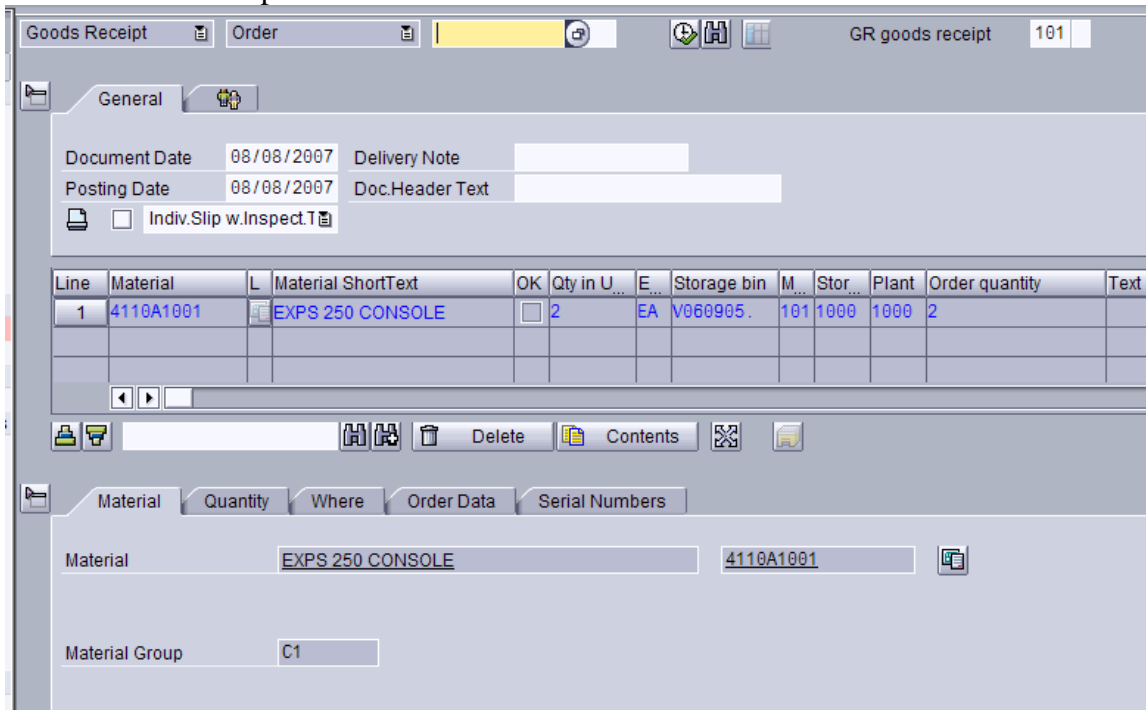
Srch help Built-in type

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

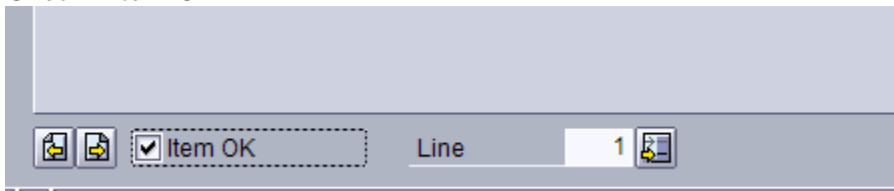
For Serialized Items:  
 As Is: Upon Save of Production Order, this message appears:



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



Check "Item OK"



Check Serial Number Tab:

Material	Quantity	Where	Order Data	Account Assignment	Serial Numbers
Serial number					
84000157					
84000158					

Need validation for serial numbers: (SAP Table Field)

**Production order Display: Header**

Material Capacity

Display Serial Numbers

Order: 50094692 Item No.: 1

Material: 4110A1001

No. serial no: 2 / 2

Serial number	Eqpt
<input type="checkbox"/> 84000157	
<input type="checkbox"/> 84000158	

✓ ↻ 📄 📄 📄 📄 ✖

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.

<b>Form/Menu</b>	<b>Description to Display</b>
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 <b>ENTER</b> key	RFGEN will validate and accept the Confirmation Number entered.		
2	Type in a valid Production Order _____ Press the <b>ENTER</b> key	RFGEN will validate and accept the Production Order entered.		
3	Type in a valid Sequence _____ Press the <b>ENTER</b> key	RFGEN will validate and accept the Sequence entered.		
4	Type in a valid Serial Number _____ Press the <b>ENTER</b> key	RFGEN will validate and accept the Serial Number		
5	Type in a valid Yield Quantity _____ Press the <b>ENTER</b> key	RFGEN will validate and accept the quantity entered		
6	Type in an invalid Confirmation Number _____ Press the <b>ENTER</b> 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 <b>ENTER</b> 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 <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 Serial Number _____ 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 Yield Quantity _____ Press the <b>ENTER</b> key	RFGEN will validate and display an error message – the field will continue to error out until corrected		
11	Press the “F4” key with the cursor in the Confirmation Number field	RFGEN will display a list of Confirmation Numbers		

12	Press the "F4" key with the cursor in the Order Number field	RFGEN will display a list of Order Numbers		
13	Press the "F4" 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 transaction is submitted	Confirm the Production Order Operation Confirmation 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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