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User Training Manual

Production planning and Execution

10th April 2020



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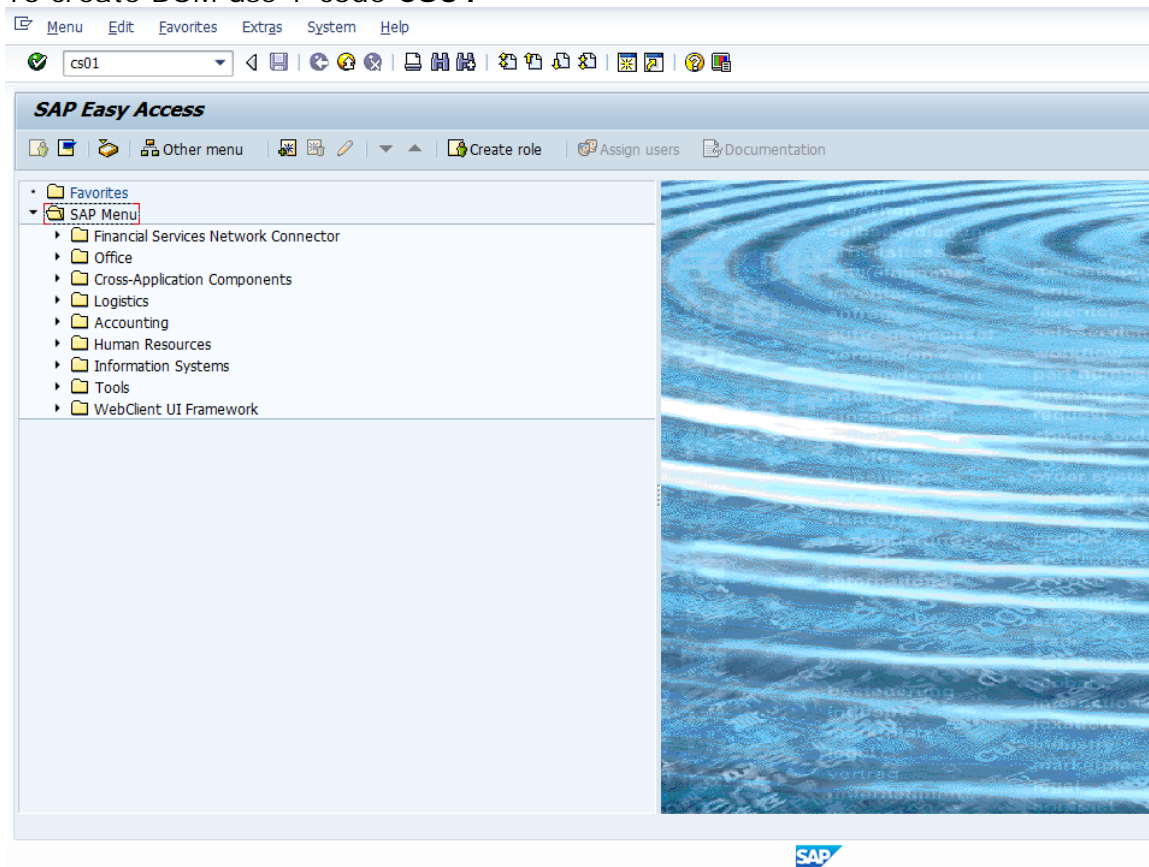
1. Production Planning Master Data

Master data contains the main detailed objects in SAP Production Planning module. In SAP PP, main objects are Bill of Materials, routing, and work center and Production Version.

1.1. Create Bill of Material

Bill of materials master data is related to material requirement planning and provides the list of components to produce the product.

To create BOM use T-code **CS01**



Select the following details –

- Material
- Plant
- BOM usage (usage 1 is production)

Create material BOM: Initial Screen

Create variant of...

Material

Plant Iron & Power Unit-SBU

BOM Usage Production

Alternative BOM

Validity

Change Number

Valid From

Material BOM Edit Goto Extras Environment Settings System Help

Material BOM: General Item Overview

Material Sinter

Plant Iron & Power Unit-SBU

Alternative BOM

Position Effectivity Initial Screen

Material Document General

Item	ICt	Component	Component description	Quantity	U...	A...	SIs	Valid From	Valid to	Char
0010	L	<u>K1111016010002</u>	IRON ORE;FINES FE (62 PCT	130	TO			10.04.2020	31.12.9999	
0020	L	<u>MTX111016010011</u>	IRON ORE;FINES FE (60 PCT	325	TO			10.04.2020	31.12.9999	
0030	L	<u>MTX111016010003</u>	IRON ORE;FINES FE (58 PCT	120	TO			10.04.2020	31.12.9999	
0040	L	<u>MTX111016010001</u>	IRON ORE;FINES FE (55 PCT	75	TO			10.04.2020	31.12.9999	
0050	L	<u>MOM441118070004</u>	SCAL;ML	70	TO			10.04.2020	31.12.9999	
0060	L	<u>60100000000004</u>	WR-SCALE	20	TO			10.04.2020	31.12.9999	
0070	L	<u>40100000000013</u>	SMS-SCALE	10	TO			10.04.2020	31.12.9999	
0080	L	<u>50100000000004</u>	BM-SCALE	20	TO			10.04.2020	31.12.9999	
0090	L	<u>20001000000000</u>	COKE FINES - PLANT GENERATED	10	TO			10.04.2020	31.12.9999	
0100	L	<u>30100000000012</u>	BF RETURNED COKE FINES	19.500	TO			10.04.2020	31.12.9999	
0110	L	<u>20000000000000</u>	SWAMP COKE BREEZE	0.500	TO			10.04.2020	31.12.9999	
0120	L	<u>MFL151016110002</u>	COAL;IMP. ANTHRCTE;F/VERY LOW VM	0.001	TO			10.04.2020	31.12.9999	
0130	L	<u>MFL151016110001</u>	COAL ANTHRCT;TYP: INDSTRLL,VERY LW VM	0.001	TO			10.04.2020	31.12.9999	

Entry 1 / 13

SAP

Double click on each Item to specify item specific data like Issue Storage Location, Costing Relevancy Indicator

Material BOM Edit Goto Extras Environment Settings System Help

Change material BOM: Item: All data

Reference items Subitems Long Text

Material 20300000000000 Sinter
Plant 1000 Iron & Power Unit-SBU
Alternative BOM 1

Basic Data Status/Long Text Administration Document Assignment

Component MTX111016010002
IRON ORE;FINES FE (62 PCT)
Item category L Stock item
Item ID 00000001

Item Text
Line 1
Line 2

Item Status	Additional Data
Engineering/design <input type="checkbox"/>	Mat. Provision Ind. <input type="checkbox"/>
Production relevant <input checked="" type="checkbox"/>	Bulk material <input type="checkbox"/>
Plant maintenance <input type="checkbox"/>	Bulk Mat.Ind.Mat.Mst <input type="checkbox"/>
Spare Part Indicator <input type="checkbox"/>	Storage Location SIR1
Relevant to sales <input type="checkbox"/>	Prodn Supply Area
CostingRelevncy <input checked="" type="checkbox"/>	

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Click on header to check the base quantity

Material BOM Edit Goto Extras Environment Settings System Help

Create material BOM: Header Overview

Item Alternative Long Text BOM Long Text

Material: 2030000000000 Sinter
 Plant: 1000 Iron & Power Unit-SBU
 BOM: INTERNAL
 Alternative BOM: 2
 BOM Usage: 1 Production
 Technical type: M Multiple BOM
 BOM group:

Quantities/Long Text Additional Data Administration Data Document Assignment

BOM and Alternative Text
 BOM Description:
 Alternative Text:

Quantity Data
 Base quantity: 1000 TO
 From Lot Size: To:

Validity
 Change Number: BOM Status: 1
 Valid From: 10.04.2020 Authorization group:
 Deletion Indicator: Deletion Flag:

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Click on Save button to create the BOM

1.2. Change and Display BOM

Use T-code CS02 and CS03 to change and display BOM respectively.

1.3. Create Work Center

Work center consists of master data related to routing of products. It contains data related to scheduling, capacity planning, and production costing.

For work center, use T-code: **CRO1**

Enter the following details –


- Work center name
- Plant name where work center is located
- Select Work Center Category

cr01

SAP Easy Access

Other menu | Create role | Assign users | Documentation

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Create Work Center: Initial Screen

Basic Data

Plant

Work center

Basic data

Work Center Category

Copy from:

Plant

Work Center

Work center Edit Goto Extras System Help

Template

Plant 1000 Iron & Power Unit-SBU
 Work center BF01 Blast Furnace 1

Basic Data Default Values Capacities Scheduling Costing Technology

General Data

Work Center Category 0001 Machine

Location
 QDR System
 Supply Area
 Usage 001 only routings
 Backflush Advanced Planning

Standard Value Maintenance

Standard Value Key ESL1 ESL Standard Value Key 1

Standard Values Overview

Key Word	Rule for Maint.	K...	Description
Man Power	no checking		
Repair and mainten	no checking		
Stores & Consumables	no checking		
Depreciation	no checking		
Admin Ohs	no checking		
Proc Power	no checking		

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Input Usage and Standard Value Key

Create Work Center: Default Values

HR assignment
 Hierarchy
 Template

Plant: 1000 Iron & Power Unit-SBU
 Work center: BF01 Blast Furnace 1

Basic Data **Default Values** Capacities Scheduling Costing Technology

Operation Default Values

Control key	PP01	Ref. Ind.	<input checked="" type="checkbox"/>
Standard Text Key		Ref. Ind.	<input type="checkbox"/>
Suitability		Ref. Ind.	<input type="checkbox"/>
Setup Type Key		Ref. Ind.	<input type="checkbox"/>
Wage type		Ref. Ind.	<input type="checkbox"/>
Wage Group		Ref. Ind.	<input type="checkbox"/>
No. of Time Tickets		Ref. Ind.	<input type="checkbox"/>
No. of Conf. Slips		Ref. Ind.	<input type="checkbox"/>
		Printer	<input type="checkbox"/>

Units of Measurement of Standard Values

Parameter	S...	Unit Name
Man Power	EA	
Repair and mainten	EA	
Stores & Consumables	EA	
Depreciation	EA	
Admin Ohs	EA	
Proc Power	EA	

In Default Values Tab, input Control Key, Ref Indicator and Unit of standard Values.

Work center Edit Goto Extras System Help

Create Work Center: Capacity Overview

HR assignment Hierarchy Template

Plant 1000 Iron & Power Unit-SBU
Work center BF01 Blast Furnace 1

Basic Data Default Values Capacities Scheduling Costing Technology

Overview

Capacity category	001		Control CapacityReduction
Pooled capacity			0 Formula-Related
Setup Formula	SAP001		0 Formula-Related
Processing Formula	SAP002		0 Formula-Related
Teardown Formula			0 Formula-Related
Other Formula			
Distribution			
Int. dist. key			
Capacity category			Control CapacityReduction
Pooled capacity			0 Formula-Related
Setup Formula			0 Formula-Related
Processing Formula			0 Formula-Related
Teardown Formula			0 Formula-Related
Other Formula			
Distribution			
Int. dist. key			

SAP

In Capacity Tab, Capacity Category, Setup formula and processing formula



Create Work Center Capacity: Header

Intervals and Shifts Intervals Available Capacity Profile Reference Available Capacity Short Texts

Plant 1000 Iron & Power Unit-SBU
Work center BF01 Blast Furnace 1
Capacity category 001 Blast Furnace 1

General data

Capacity Responsible A
Pooled capacity Grouping PP

Available capacity

Factory Calendar
Active Version
Capacity Base Unit HR

Standard available capacity

Start Time 00:00:00
End Time 00:00:00
Length of breaks 00:00:00
Operating time 0.00
Capacity Utilization 100
No. Ind. Capacities 1
Capacity 0.00

Planning details

Relevant to Finite Scheduling Overload 10 %
Can be used by several operations Long-term planning

Create Work Center: Scheduling

HR assignment Hierarchy Template

Plant Iron & Power Unit-SBU
Work center

Basic Data | **Default Values** | **Capacities** | **Scheduling** | **Costing** | **Technology**

Scheduling basis

Capacity category
Capacity

Execution time


Duration of Setup
Processing Duration
Duration of Teardown
Int. Proc. Duration

Interoperation times

Location Group
Standard Queue Time Minimum Queue Time

Dimension and unit of measure of work

Work dimension
Work unit



In Scheduling tab, input Capacity Category

Work center Edit Goto Extras System Help

Create Work Center: Cost Center Assignment

HR assignment Hierarchy Template

Plant 1000 Iron & Power Unit-SBU
 Work center BF01 Blast Furnace 1

Basic Data Default Values Capacities Scheduling Costing Technology

Validity
 Start date 10.04.2020 End Date 31.12.9999

Link to cost center/activity types
 Controlling Area 1000 Electrosteel Steels Ltd.
 Cost Center 10110100

Alt. Activity Text	Activity Type	Activity Unit	R...	Form...	Formula description
Man Power	100010	EA	<input type="checkbox"/>	ZESL01	
Repair and mainten	100020	EA	<input type="checkbox"/>	ZESL02	
Stores & Consumables	100030	EA	<input type="checkbox"/>	ZESL03	
Depreciation	100040	EA	<input type="checkbox"/>	ZESL04	
Admin Ohs	100050	EA	<input type="checkbox"/>	ZESL05	
Proc Power	100060	EA	<input type="checkbox"/>	ZESL06	

ActType Int.Proc.

Link to business process
 Business Process

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In costing Tab, Input relevant Cost Center, Activity Type, Activity Unit And Formula.
 Finally Click on Save button to create the Work Center.

The screenshot displays the SAP 'Create Work Center: Initial Screen' interface. The title bar includes 'Work center', 'Edit', 'Goto', 'Extras', 'System', and 'Help'. The main content area is titled 'Create Work Center: Initial Screen' and contains the following sections:

- Basic Data:**
 - Plant: 1000
 - Work center: [Yellow highlighted field]
- Basic data:**
 - Work Center Category: 0001
- Copy from:**
 - Plant: [Empty field]
 - Work Center: [Empty field]

A status bar at the bottom indicates: 'Work center BF01 in plant 1000 was created'. The SAP logo is visible in the bottom right corner.

1.4. Change and Display Work Center

Use T-code CR02 and CR03 to change and display work center respectively.

1.5. Create Routing

Routing defines the sequence of activities performed at the work center. Routing plays an important role in calculating production cost, machine time, and labor time.

For Routing Master data, use T-Code: **CA01**

Enter the following details –

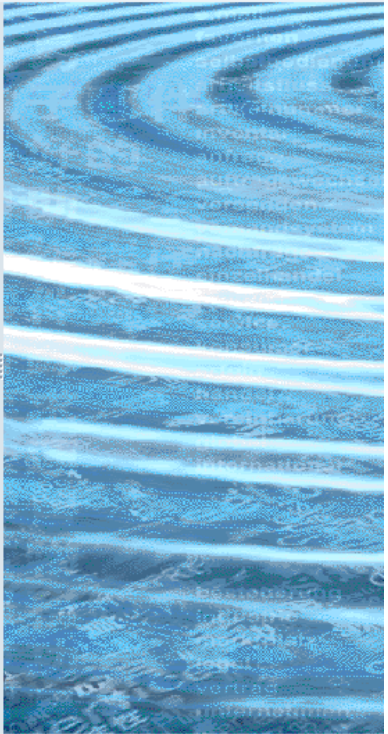
- Material
- Plant

CA01

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Other menu | Create role | Assign users | Documentation

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Create Routing: Initial Screen

Copy from Routings Sequences Operations

Material

Plant

Sales document Sales Document Item

WBS Element

Group

Validity

Change Number

Key Date

Revision level

Additional data

Profile

Routing Edit Goto Details Extras Environment System Help

✔ [Dropdown] << [Icons]

Create Routing: Header Details

◀ ▶ [Icons] Routings Assignment Sequences Operations Allocation

Group Group Counter ROUTING FOR SINTER-1
 Material Sinter

Task List

Group Group Counter **ROUTING FOR SINTER-1** [Red box]
 Plant Long Text Exists

Production line

Line Hierarchy

General Data

Deletion Flag
 Usage Production
 Overall Status Released (General)
 Planner Group
 Planning Work Center
 CAPP order
 Lot Size From Lot Size To TO
 Old Task List No.

Parameters for Dynamic Modification/Inspection Points

Insp. Points
 Partial Lot Assign.
 Sample-Drawing Proc.
 Dynamic Modif. Level

Input Usage – 1 and Overall Status – 4

Click on Operation

Routing Edit Goto Details Extras Environment System Help


Create Routing: Operation Overview

Reference Work center Allocation Detail Sequences PRT Inspection Characteristics

Group 50000029 Group Counter 1 ROUTING FOR SINTER-1
 Material 20300000000000 Sinter

Op...	SOp	Work c...	Plant	Co...	Standar...	Description	L...	P...	Cl...	O...	P...	C...	S...	Base Quantity	U...
0010		SINTER01	1000	PP01		ROUTING FOR SINTER-1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	TO
0020			1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	TO
0030			1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	TO
0040			1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	TO
0050			1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	TO
0060			1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	TO
0070			1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	TO
0080			1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	TO
0090			1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	TO
0100			1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	TO
0110			1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	TO
0120			1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	TO
0130			1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	TO
0140			1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	TO
0150			1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	TO
0160			1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	TO
0170			1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	TO
0180			1000				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1	TO

Entry 1 of 1



Input work center , control Key and description. Then Double click on Operation Number to input standard values for the operation

Routing Edit Goto Details Extras Environment System Help

Create Routing: Operation Details

Work center Routings Sequences Allocation PRT

Group 50000029 Group Counter 1 ROUTING FOR SINTER-1
Material 2030000000000000 Sinter

Operation

Activity	0010	Suboperation	
Control key	PP01	Routing/Ref. op. set - internal proc.	
Plant	1000		
Work center	SINTER01	SINTER 1	
Standard Text Key		ROUTING FOR SINTER-1	

Long Text Exists

Standard Values

	Header	Unit	Operat.	Un
Base Quantity	1			
Operation unit	TO			
Break Time				


Conversion of Units of Measure

Header	Unit	Operat.	Un
1	TO	<=>	1 TO

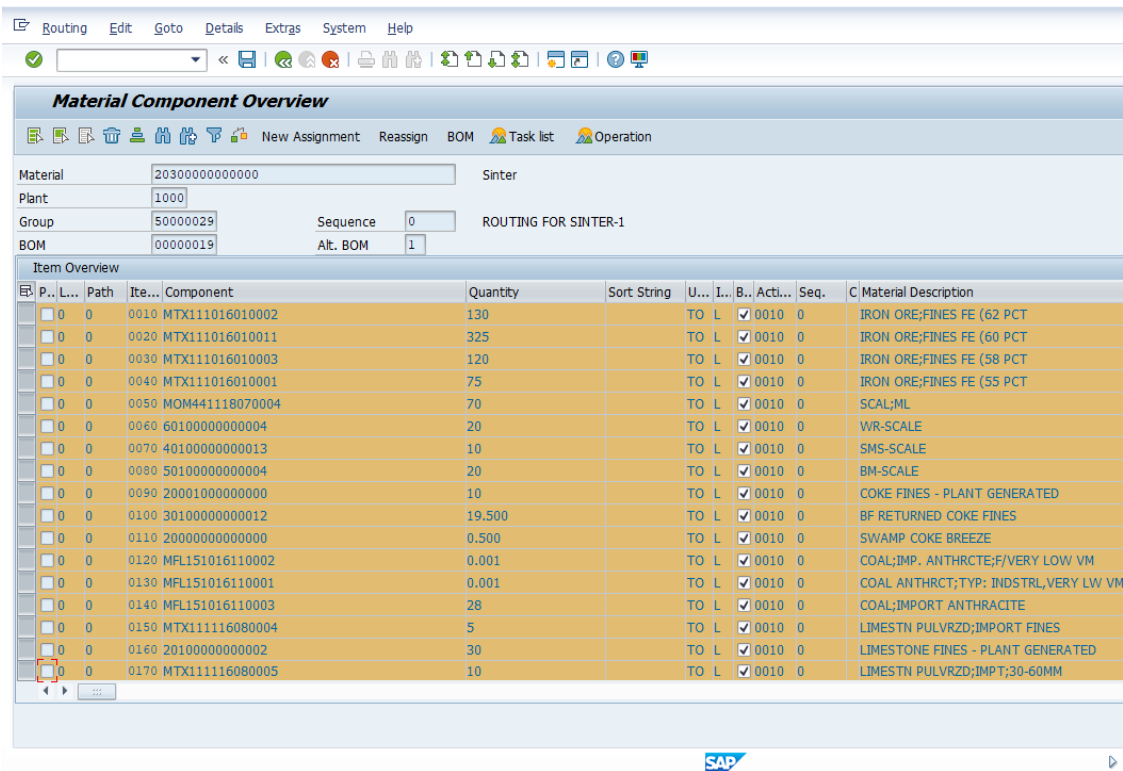
	Std Value	Un	Act. Type	Efficiency
Man Power	1	EA	100030	
Repair and mainten	1	EA	100010	
Stores & Consumables	1	EA	100020	
Depreciation	1	EA	100040	
Admin Ohs	1	EA	100050	
Proc Power				
Business Process				

Transfer to orders

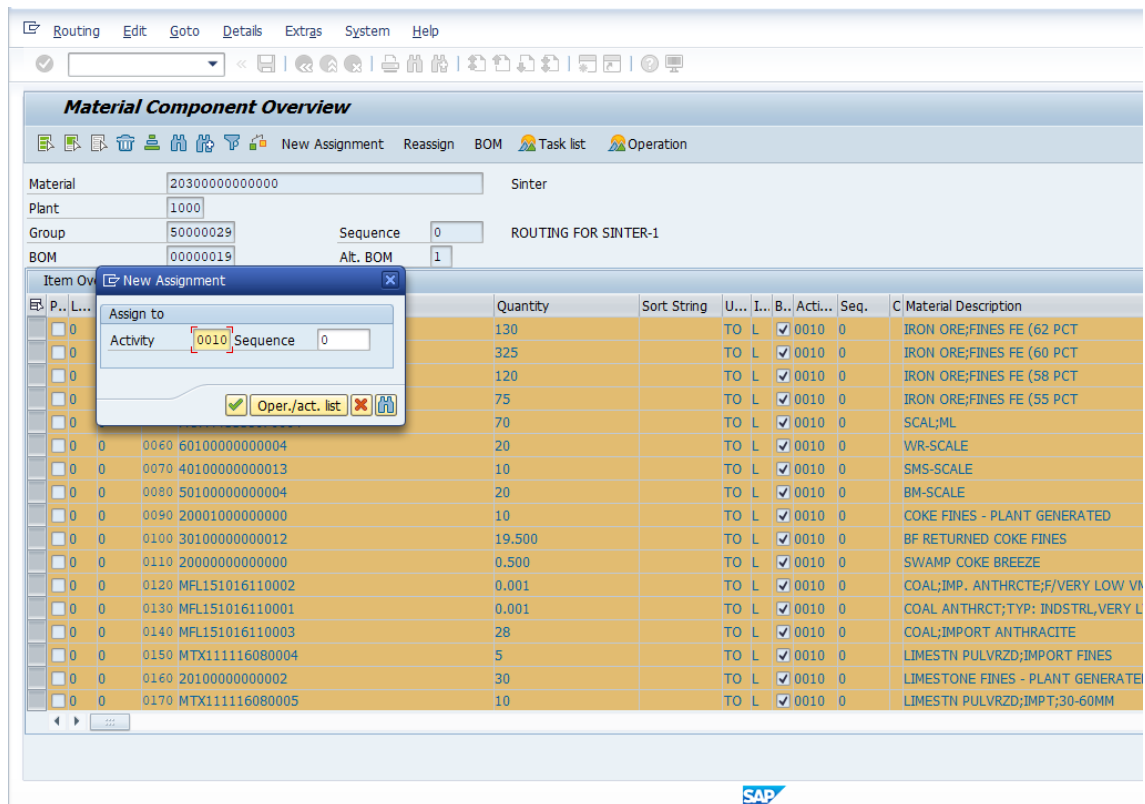
Cumulation Type



Enter Activity values. Then click on component allocation to allocate the BOM component



Select all and click on New Assignment and check the Backflush Indicator.



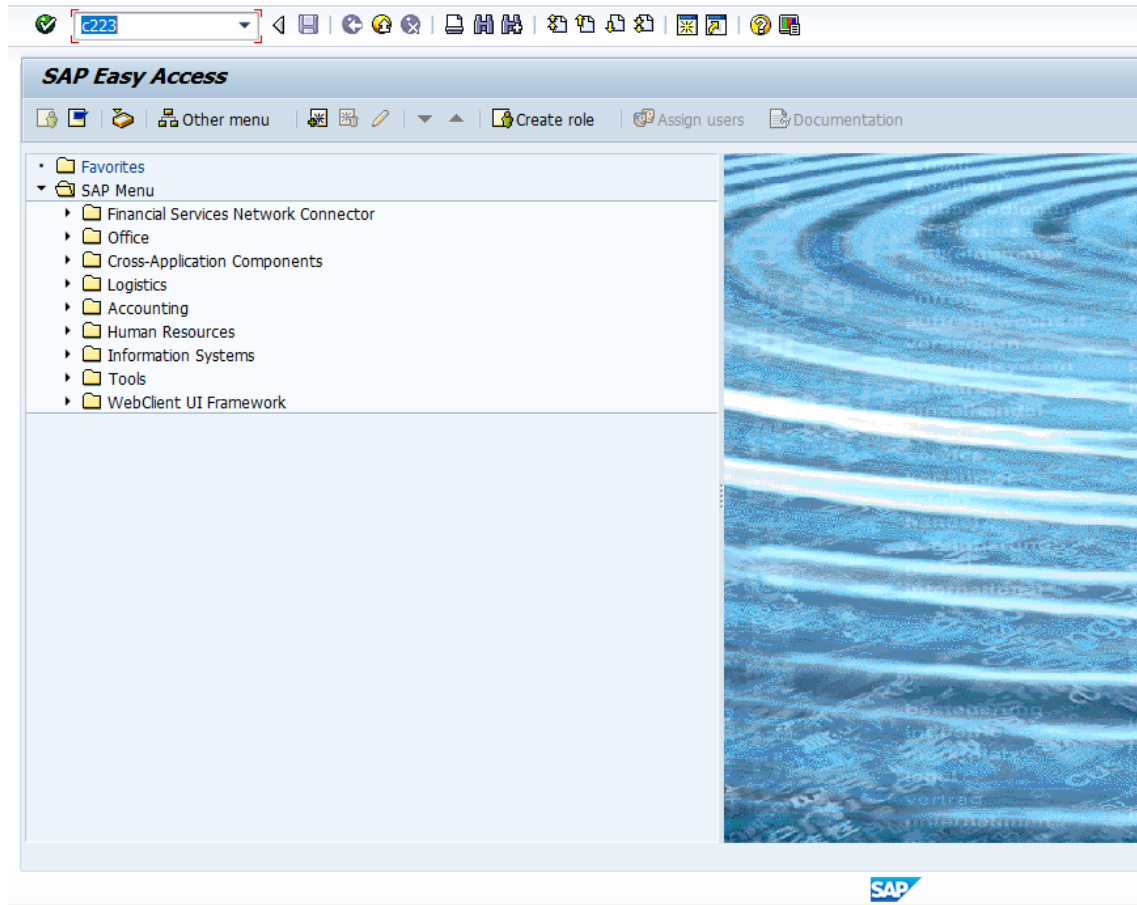
Provide the operation where material to be assigned and then finally click on save to save the Routing

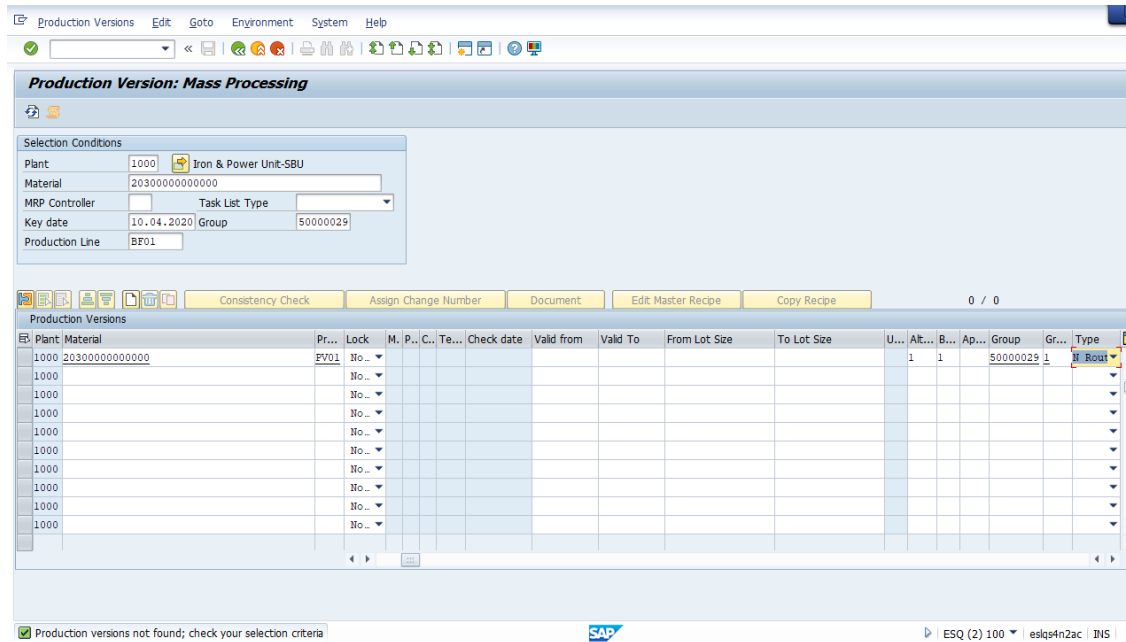
1.6. Change and Display Routing

Use T-code CA02 and CA03 to change and display routing respectively.

1.7. Create Production Version

Production version is necessary to create the Production Order. During Production Order creation, Production version will determine the BOM and routing for the Production Order. Use T-code **C223** to create the Production version.





Enter Plant and Material and hit enter. Then input the below details:

- Material
- Production version
- Production Version Description
- Alternate BOM
- BOM Usage
- Group – for every routing, a group is assigned while creation
- Group Counter
- Type – Routing

Select the line and click on Consistency check to validate BOM and Routing exist.

List Edit Goto System Help

Consistency Check of Production Versions 1

Version 10.04.2020/01:39:50

Material 20300000000000 Plant 1000
Iron & Power Unit-SBU


Production Vers. PV03 Lock Not locked
Valid from 10.04.2020 Valid to 31.12.9999
Frm Lot Size 0 To Lot Size 9999,999,999.999
Base UoM TO

Det. Planning TL Type N Task Lst Grp 50000029 Alternative 1

From Period	To Period	E W Error/warning description
Frm Lot Size	To Lot Size	
10.04.2020	31.12.9999 99,999,999 TO	Task list exists

BOM Alternative 1 Application 1

From Period	To Period	E W Error/warning description
Frm Lot Size	To Lot Size	
10.04.2020	31.12.9999 9999999999.999 TO	BOM exists



Click on back button and check the consistency check status traffic light turns to Green.

Production Versions Edit Goto Environment System Help

Production Version: Mass Processing

Selection Conditions

Plant: 1000 Iron & Power Unit-SBU

Material: 2030000000000000

MRP Controller: Task List Type:

Key date: 10.04.2020 Group: 50000029

Production Line: BF01

Consistency Check Assign Change Number Document Edit M...

Production Versions

Plant	Material	Pr...	Lock	M.	P..	C..	Te...	Check date	Valid from	Valid To
1000	2030000000000000	PV03	No...				10.04.2020	10.04.2020	31.12.9999	
1000			No...							
1000			No...							
1000			No...							
1000			No...							
1000			No...							
1000			No...							
1000			No...							
1000			No...							
1000			No...							
1000			No...							

SAP

Click on save to finally save the Production Version

2. MRP Run

MRP run or planning run is an engine which is used to fill the demand and supply gap.

MRP will calculate the Material Requirement calculation considering BOM and generate Planned Order which can be converted to Production Order in case of In house production or Purchase Requisition / Purchase Order in case of External Procurement.

MRP run T-code : MD01N

1. Provide suitable plant code-1000
2. Provide suitable material
3. Always tick mark on BOM Components and stock transfer materials.
4. Provide scheduling as 2 always.
5. Provide planning mode as 3 always

After filling all entries execute the transaction

Please refer below print screen for better understanding.

MRP Live

Program Edit Goto System Help

Plant 1000 to Material 20300000000000 to Product group to MRP Controller to Material Scope A

Also to be Included in Planning

Changed BOM Components
 All Order BOM Components
 Stock Transfer Materials

Control Parameters

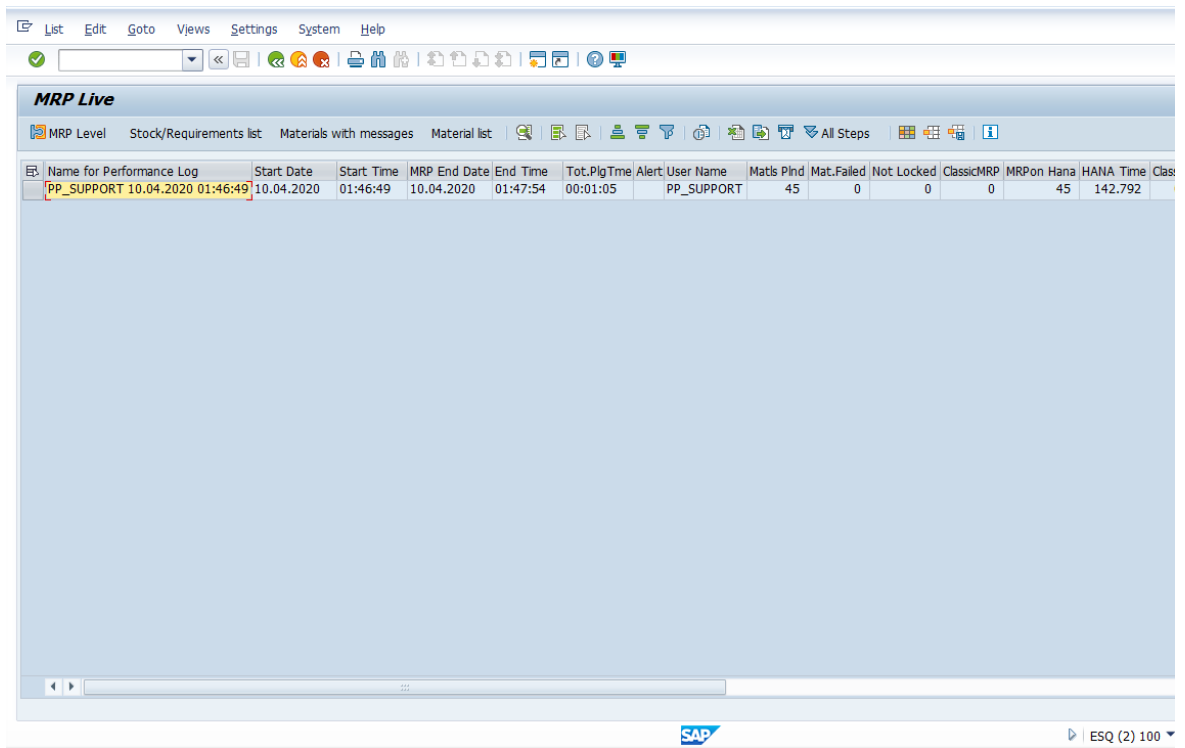
Regenerative Planning
Scheduling 2
Planning Mode 3
Name for Performance Log
 Output Material List (Job Log)

Run MRP Live on Hana for Low-Level Code:012/00002

SAP

After execution system will give you the MRP Live report , like showing here in the print

screen below.



The screenshot displays the SAP MRP Live interface. At the top, there is a menu bar with options: List, Edit, Goto, Views, Settings, System, and Help. Below the menu is a toolbar with various icons for navigation and actions. The main header area is titled "MRP Live" and includes sub-headers: MRP Level, Stock/Requirements list, Materials with messages, and Material list. A secondary toolbar contains icons for "All Steps" and other functions. The central part of the screen is a table with the following data:

Name for Performance Log	Start Date	Start Time	MRP End Date	End Time	Tot.PlgTime	Alert	User Name	Mats Plnd	Mat.Failed	Not Locked	ClassicMRP	MRPon Hana	HANA Time	Class
PP_SUPPORT 10.04.2020 01:46:49	10.04.2020	01:46:49	10.04.2020	01:47:54	00:01:05		PP_SUPPORT	45	0	0	0	45	142.792	

At the bottom of the interface, the SAP logo is visible on the left, and the text "ESQ (2) 100" is displayed on the right.

3. Production Process

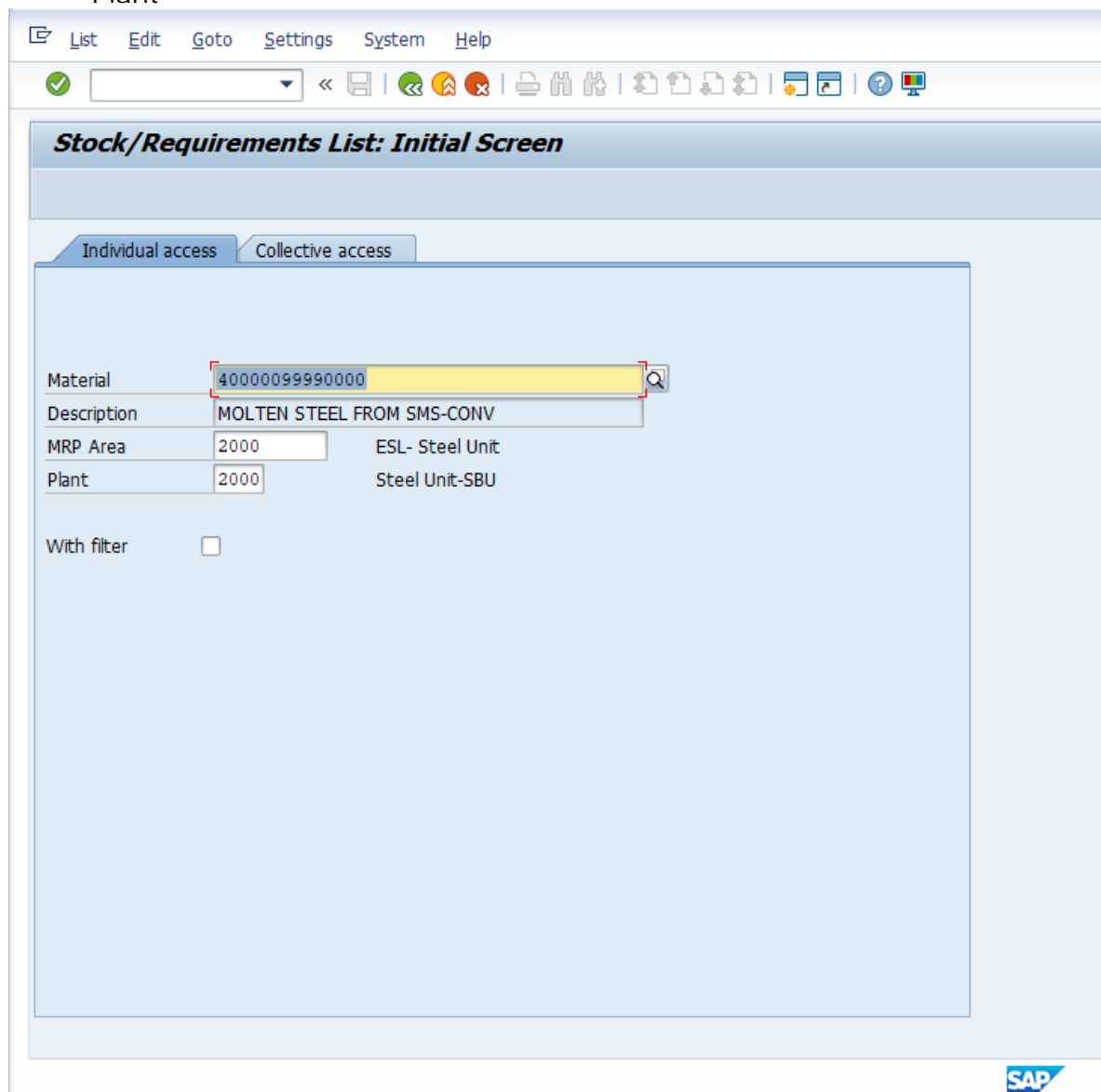
First step is to convert the Planned order to Production Order. Then Release the Production Order. Followed by Production order confirmation which is triggers three activities – Operation Confirmation (Including actual activities like Machine , Power , Labour) , Goods issue of the components (mvt 261) and Finished material GRN (mvt 101)

3.1. Convert Planned order to production Order

T code- MD04 – Stock requirement list to identify the Planned order which is to be converted to Production Order.

Input the below details in selection screen

- Material
- Plant



The screenshot shows the SAP Stock/Requirements List: Initial Screen. The interface includes a menu bar (List, Edit, Goto, Settings, System, Help) and a toolbar with various icons. The main area is titled "Stock/Requirements List: Initial Screen" and has two tabs: "Individual access" (selected) and "Collective access". Below the tabs, there are input fields for "Material" (40000099990000), "Description" (MOLTEN STEEL FROM SMS-CONV), "MRP Area" (2000), and "Plant" (2000). The "MRP Area" and "Plant" fields are associated with "ESL- Steel Unit" and "Steel Unit-SBU" respectively. There is also a "With filter" checkbox which is currently unchecked. The SAP logo is visible in the bottom right corner.

Material	40000099990000	
Description	MOLTEN STEEL FROM SMS-CONV	
MRP Area	2000	ESL- Steel Unit
Plant	2000	Steel Unit-SBU

With filter

Double click on the planned order.

List Edit Goto Settings Environment System Help

Stock/Requirements List as of 02:00 hrs

Show Overview Tree

Material: 4000009990000
 Description: MOLTEN STEEL FROM SMS-CONV
 MRP Area: 2000 ESL- Steel Unit Ex. manuf.
 Plant: 2000 MRP type: PD Material type: ZHAL Unit: TO

Date GR ST On On Vendor Cust. Page 1 / 2

A..	Date	MRP ...	MRP element data	Rescheduli...	E..	Receipt/Reqmt	Available Qty	Pr...	St...
	10.04.2020	Stock					2,742.320		
	02.03.2020	IndReq	VSF			9,806.300-	7,063.980-		
	17.03.2020	OrdRes	40000055010000			1,960-	9,023.980-		
	17.03.2020	OrdRes	40000055010000			1,000-	10,023.980-		ARS1
	20.03.2020	PrdOrd	000001000051/ZS01/Re	02.03.2020	10	500	9,523.980-	PV01	ARS1
	20.03.2020	PldOrd	0000000141/STCK	02.03.2020	30	2,960	6,563.980-	PV01	ARS1
	20.03.2020	PldOrd	0000000142/STCK	02.03.2020	30	990	5,573.980-	PV01	ARS1
	20.03.2020	OrdRes	40000055010000			490-	6,063.980-		ARS1
	20.03.2020	OrdRes	40000055010000			500-	6,563.980-		ARS1
	20.03.2020	OrdRes	40000055010000			500-	7,063.980-		ARS1
	31.03.2020	PrdOrd	000001000008/ZS01/PD	02.03.2020	10	215	6,848.980-	PV01	ARS1
	31.03.2020	PrdOrd	000001000031/ZS01/PD	02.03.2020	10	800	6,048.980-	PV01	ARS1
	31.03.2020	PrdOrd	000001000037/ZS01/PD	02.03.2020	10	435	5,613.980-	PV01	ARS1
	31.03.2020	PrdOrd	000001000043/ZS01/PD	02.03.2020	10	375	5,238.980-	PV01	ARS1

SAP

Click on Convert to production order

Stock/Requirements List as of 02:00 hrs

Show Overview Tree

Material: 40000099990000
 Description: MOLTEN STEEL FROM SMS-CONV
 MRP Area: 2000 ESL- Steel Unit
 Plant: 2000 MRP type: PD Material type: ZHAL Unit: TO

Date: GR: ST On: On: Vendor: Cust. Page 1 / 2

A..	Date	MRP ...	MRP element data	Rescheduli...	E...	Receipt/Reqmt	Available Qty	Pr...	St...
	10.04.2020	Stock					2,742.320		
	02.03.2020	IndReq	VSF			9,806.300-	7,063.980-		
	17.03.2020	OrdRes	40000055010000			1,960-	9,023.980-		
	17.03.2020	OrdRes	40000055010000			1,000-	10,023.980-		ARS1

Additional Data for MRP Element

PInd Order: 0000000141 Make-to-stock Order End Date: 20.03.2020 GR pr.time: 0

Order Qty.: 2,960 TO Order Start: 20.03.2020 Proc. type: E

Scrap: 0 Opening Date: 20.03.2020 Order Type: LA

Exception: 30 = Plan process according to schedule (02.03.20)

07 = Finish date in the past

Actions: -> Prod.Ord. -> PartConvProdOrder -> Proc.Ord. -> SubProcOrd -> Pur.Req.

31.03.2020	PrdOrd	000001000043/ZS01/PD	02.03.2020	10	375	5,238.980-	PV01	ARS1
------------	--------	----------------------	------------	----	-----	------------	------	------



Order Functions Edit Goto Header Environment System Help

Production order Create: Header

Material Capacity Operations Components Documents Sequences

Order: 00000000001 Type: ZS01
 Material: 40000099990000 MOLTEN STEEL FROM SMS-CONV Plant: 2000
 Status: REL BCRQ MANC SETC

General Assignment Goods Receipt Control Dates/Qties Master Data Long Text Administration Items Fast Entry

Quantities

Total Qty	2,960	TO	Scrap Portion		0.00 %
Delivered	0		Short/Exc. Rcpt	0	

Dates/Times

	Basic Dates		Scheduled		Confirmed	
End	20.03.2020	24:00	20.03.2020	24:00		
Start	20.03.2020	00:00	20.03.2020	00:00		00:00
Release			20.03.2020		10.04.2020	

Scheduling

Type: 3 Only capacity requir...
 Reduction: No reduction carried out
 Note: No scheduling note
 Priority:

Floats

Sched. Margin Key:
 Float Bef. Prdn: Workdays
 Float After Prdn: Workdays
 Release Period: Workdays

SAP

Finally click on save to create the production order



Stock/Requirements List as of 02:00 hrs

Show Overview Tree

Material: 40000099990000
 Description: MOLTEN STEEL FROM SMS-CONV
 MRP Area: 2000 ESL- Steel Unit
 Plant: 2000 MRP type: PD Material type: ZHAL Unit: TO

Page 1 / 2

A..	Date	MRP ...	MRP element data	Reschedul...	E..	Receipt/Reqmt	Available Qty	Pr...	St...
	10.04.2020	Stock					2,742.320		
	02.03.2020	IndReq	VSF			9,806.300-	7,063.980-		
	17.03.2020	OrdRes	40000055010000			1,960-	9,023.980-		
	17.03.2020	OrdRes	40000055010000			1,000-	10,023.980-		ARS1
	20.03.2020	PrdOrd	000001000051/ZS01/Re	02.03.2020	10	500	9,523.980-	FV01	ARS1
	20.03.2020	PldOrd	0000000141/STCK	02.03.2020	30	2,960	6,563.980-	FV01	ARS1
	20.03.2020	PldOrd	0000000142/STCK	02.03.2020	30	990	5,573.980-	FV01	ARS1
	20.03.2020	OrdRes	40000055010000			490-	6,063.980-		ARS1
	20.03.2020	OrdRes	40000055010000			500-	6,563.980-		ARS1
	20.03.2020	OrdRes	40000055010000			500-	7,063.980-		ARS1
	31.03.2020	PrdOrd	000001000008/ZS01/PD	02.03.2020	10	215	6,848.980-	FV01	ARS1
	31.03.2020	PrdOrd	000001000031/ZS01/PD	02.03.2020	10	800	6,048.980-	FV01	ARS1
	31.03.2020	PrdOrd	000001000037/ZS01/PD	02.03.2020	10	435	5,613.980-	FV01	ARS1
	31.03.2020	PrdOrd	000001000043/ZS01/PD	02.03.2020	10	375	5,238.980-	FV01	ARS1

Order number 1000129 saved



Stock/Requirements List as of 02:05 hrs

Show Overview Tree

Material: 40000099990000
 Description: MOLTEN STEEL FROM SMS-CONV
 MRP Area: 2000 ESL- Steel Unit
 Plant: 2000 MRP type: PD Material type: ZHAL Unit: TO

A.	Date	MRP ...	MRP element data	Rescheduli...	E..	Receipt/Reqmt	Available Qty	Pr...	St...
	10.04.2020	Stock					2,742.320		
	02.03.2020	IndReq	VSF			9,806.300-	7,063.980-		
	17.03.2020	OrdRes	40000055010000			1,960-	9,023.980-		
	17.03.2020	OrdRes	40000055010000			1,000-	10,023.980-		ARS1
	20.03.2020	PrdOrd	000001000051/ZS01/Re	02.03.2020	10	500	9,523.980-	PV01	ARS1
	20.03.2020	PrdOrd	000001000129/ZS01/Re	02.03.2020	10	2,960	6,563.980-	PV01	ARS1
	20.03.2020	PldOrd	0000000142/STCK	02.03.2020	30	990	5,573.980-	PV01	ARS1
	20.03.2020	OrdRes	40000055010000			490-	6,063.980-		ARS1
	20.03.2020	OrdRes	40000055010000			500-	6,563.980-		ARS1
	20.03.2020	OrdRes	40000055010000			500-	7,063.980-		ARS1
	31.03.2020	PrdOrd	000001000008/ZS01/PD	02.03.2020	10	215	6,848.980-	PV01	ARS1
	31.03.2020	PrdOrd	000001000031/ZS01/PD	02.03.2020	10	800	6,048.980-	PV01	ARS1
	31.03.2020	PrdOrd	000001000037/ZS01/PD	02.03.2020	10	435	5,613.980-	PV01	ARS1
	31.03.2020	PrdOrd	000001000043/ZS01/PD	02.03.2020	10	375	5,238.980-	PV01	ARS1

SAP

In the above screen, the planned order is converted to Production order and the planned order is replaced with production order number.

3.2. Verify the Production Order and Release Production Order

Production order can be released going to change mode. Use T-code CO02 to open the production order in change mode.

Verify the components and operation of the production order

T-CODE- CO02 – Change production order. Input Production order number

Order Functions Edit **Goto** Header Environment System Help

Production Order Change: Initial Screen

Operations Components Documents Sequences

Order

Selection for Collective Orders

- Order entered
- Order sub-tree
- Collective order
- Display overview

SAP

Order Functions Edit Goto Header Environment System Help

Production order Change: Header

Material 40000099990000 MOLTEN STEEL FROM SMS-CONV Plant 2000 Type ZS01

Status REL PRT PRC CSER BCRQ MANC SETC

General Assignment Goods Receipt Control Dates/Qties Master Data Long Text Administration Items Fast Entry

Quantities

Total Qty 2,960 TO Scrap Portion 0.00 %
 Delivered 0 Short/Exc. Rcpt 0

Dates/Times

	Basic Dates		Scheduled		Confirmed	
End	20.03.2020	24:00	20.03.2020	24:00		
Start	20.03.2020	00:00	20.03.2020	00:00		00:00
Release			20.03.2020		10.04.2020	

Scheduling

Type 3 Only capacity requir...
 Reduction No reduction carried out
 Note No scheduling note
 Priority

Floats

Sched. Margin Key
 Float Bef. Prdn Workdays
 Float After Prdn Workdays
 Release Period Workdays

SAP

Click on component overview to display BOM and quantity

Order Functions Edit Goto Component Environment System Help

Production Order Change: Component Overview

Material 40000099990000 MOLTEN STEEL FROM SMS-CONV Plant 2000 Type ZS01

Filter NO_FIL No Filter Sorting ST_STA Standard Sort

Component Overview

Item	Component	Description	Reqmt Qty	U...	I...	Op...	Se...	Plant	St...	Reqmnt Segment	Stock Segment	Batch	A...	B...	B...
0010	30100022220000	Q T METAL	2,977.760	TO	L	0010	0	2000					<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
0020	40112555000015	PROCESSED STEEL SKULL FOR SMS	183.520	TO	L	0010	0	2000	SMRS				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
0030	30100000000024	IRON SCRAP FOR SMS	53.280	TO	L	0010	0	2000	SMRS				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
0040	50100000000011	PRIME SCRAP FOR SMS	38.480	TO	L	0010	0	2000	SMRS				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
0050	DCZRM00002	DIP SCRAP FOR SMS	53.280	TO	L	0010	0	2000	SMRS				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
0060	40000000000036	LD SLAG ENRICHMENT FOR SMS	38.480	TO	L	0010	0	2000	SMRS				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
0070	20300000000000	Sinter	103.600	TO	L	0010	0	2000	SMRS				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
0080	MTX111016010005	IRON ORE;W/CLO FE 60 PCT BELOW	0.003	TO	L	0010	0	2000	SMRS				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
0090	MTX111016010009	IRON ORE;CLO FE (62 PCT	0.003	TO	L	0010	0	2000					<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
0100	40000000000001	Converter Slag Mix	118.400	TO	L	0010	0	2000	SMOM				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
0110	40000000000004	SMS Sludge Wet	74	TO	L	0010	0	2000	SMOM				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
0120	40000000000003	LRs SKULL from SMS	59.200	TO	L	0010	0	2000	SMOM				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
0130	40000000000002	LD Slag	432.160	TO	L	0010	0	2000	SMOM				<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
0140	20110000000000	Calcded lime (for sms grade)	177.600	TO	L	0010	0	2000					<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
0150	20200000000003	Calcded Dolo (for sms grade)	88.800	TO	L	0010	0	2000					<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Entry 1 / 48

SAP

ESQ (1) 100 | eslqs4n2ac | INS

Click on operation overview to display operation / routing

Order Functions Edit Goto Operation Environment System Help

Production Order Change: Operation Overview

Material 40000099990000 MOLTEN STEEL FROM SMS-CONV Plant 2000

Order 1000129 Type ZS01

Sequence 0 0 Standard sequence

Components PRT Trigger points

Operation Overv.

Op.	SOp	Start	Start	Work C...	Plant	Co...	StdText	Operation short text	T...	SysStatus	User Stat	CO...	PRT	TP	D...	End
0010		20.03.2020	00:00:00	LDCONV02	2000	PP01		40000099990000	<input type="checkbox"/>	PRT REL		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	20.03.2020
0020			00:00:00		2000				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0030			00:00:00		2000				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0040			00:00:00		2000				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0050			00:00:00		2000				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0060			00:00:00		2000				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0070			00:00:00		2000				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0080			00:00:00		2000				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0090			00:00:00		2000				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0100			00:00:00		2000				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0110			00:00:00		2000				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0120			00:00:00		2000				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0130			00:00:00		2000				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0140			00:00:00		2000				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0150			00:00:00		2000				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
0160			00:00:00		2000				<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

SAP

Check Status of the Order is REL released. Production Order gets automatically released while Order creation.

Order Functions Edit Goto Header Environment System Help

Production order Change: Header

Material Capacity Operations Components Documents Sequences

Order 1000129 Type ZS01
 Material 40000099990000 MOLTEN STEEL FROM SMS-CONV Plant 2000
 Status REL PRT PRC CSER BCRQ MANC SETC

General Assignment Goods Receipt Control Dates/Qties Master Data Long Text Administration Items Fast Entry

Quantities

Total Qty	2,960	IO	Scrap Portion		0.00 %
Delivered	0		Short/Exc. Rcpt	0	

Dates/Times

	Basic Dates		Scheduled		Confirmed	
End	20.03.2020	24:00	20.03.2020	24:00		
Start	20.03.2020	00:00	20.03.2020	00:00		00:00
Release			20.03.2020			10.04.2020

Scheduling

Type	3 Only capacity requir...
Reduction	No reduction carried out
Note	No scheduling note
Priority	

Floats

Sched. Margin Key	<input type="checkbox"/>	
Float Bef. Prdn	<input type="checkbox"/>	Workdays
Float After Prdn	<input type="checkbox"/>	Workdays
Release Period	<input type="checkbox"/>	Workdays

SAP

3.3. Production Order Confirmation

Production order confirmation which is triggers three activities – Operation Confirmation (Including actual activities like Machine , Power , Labour) , Goods issue of the components (mvt 261) and Finished material GRN (mvt 101)

To do Production order confirmation, Use T-code **CO11N**
 Input Order number and hit enter.

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation	575	Material	40000099990000	
Order	1000129	Mat.Descr.	MOLTEN STEEL FROM SMS-CONV	
Operation	0010	Sequence	0	40000099990000
Suboperation				
Capacity Cat.		Split		
Work Center	IDCONV02	Plant	2000	SMS CONVERTOR 2
Confirm.type	Partial confirmation		<input type="checkbox"/> Clear open reservations	

Quantities

	To Be Confirmed	Unit
Yield		
Scrap		
Rework		
Reason for Var.		

Activities

	To Be Confirmed	Unit	Finished
Man Power			<input type="checkbox"/>
Repair and mainte...			<input type="checkbox"/>
Stores & Consum...			<input type="checkbox"/>
Depreciation			<input type="checkbox"/>
Admin Ohs			<input type="checkbox"/>
Proc Power			<input type="checkbox"/>

Confirmation Edit Goto User Settings Environment System Help

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation	575	Material	40000099990000	
Order	1000129	Mat.Descr.	MOLTEN STEEL FROM SMS-CONV	
Operation	0010	Sequence	0	40000099990000
Suboperation				
Capacity Cat.		Split		
Work Center	IDCONV02	Plant	2000	SMS CONVERTOR 2
Confirm.type	Partial confirmation		<input type="checkbox"/> Clear open reservations	

Quantities

	To Be Confirmed	Unit
Yield	100	TO
Scrap		
Rework		
Reason for Var.		

Activities

	To Be Confirmed	Unit	Finished
Man Power	100	EA	<input type="checkbox"/>
Repair and mainte...	100	EA	<input type="checkbox"/>
Stores & Consum...	100	EA	<input type="checkbox"/>
Depreciation	100	EA	<input type="checkbox"/>
Admin Ohs	100	EA	<input type="checkbox"/>
Proc Power	100	EA	<input type="checkbox"/>

SAP

Click on Goods movements to check the components to be issued and finished material to be Goods Receipt. In goods movements screen you can alter the quantity and also provide the Storage Location from where goods to be issued and where goods receipt to be done.

Enter Confirmation for Production Order: Goods Movements

Order: 1000129 Status: PRT REL
 Material: 40000099990000 MOLTEN STEEL FROM SMS-CONV
 Activity: 0010 Sequence: 0 40000099990000
 Confirmation: 575 Plant: 2000 Work center: LDCONV02

Batch Determination Stock Determination Entry: 1/ 11(11)

Goods Movements Overview

Material	Quantity	U...	Plant	St...	Reqmnt Segment	Stock Segment	Batch	Valuation ...	D...	M
40000099990000	100	TO	2000	ARS1			0000120A01		S	1
30100022220000	100.600	TO	2000	SMSR					H	2
40112555000015	6.200	TO	2000	SMSR					H	2
30100000000024	1.800	TO	2000	SMSR					H	2
50100000000011	1.300	TO	2000	SMSR					H	2
DCZRM00002	1.800	TO	2000	SMSR					H	2
40000000000036	1.300	TO	2000	SMSR					H	2
20300000000000	3.500	TO	2000	SMSR					H	2
40000000000004	2.500	TO	2000	SMOM					S	5
40000000000003	2	TO	2000	SMOM					S	5
40000000000002	14.600	TO	2000	SMOM					S	5

SAP

Click on save to finally confirm the order.

Confirmation Edit Goto User Settings Environment System Help

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation Material
 Order Mat.Descr.
 Operation Sequence
 Suboperation
 Capacity Cat. Split
 Work Center Plant
 Confirm.type Clear open reservations

___ Quantities

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

___ Activities

	To Be Confirmed	Unit	Finished
Activity 1	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 2	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 3	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 4	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 5	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 6	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

Confirmation saved (Goods movements: 10, failed: 0)

SAP

After confirmation check the Production order >> Goto >> Documented goods movement to check the goods movement 261 and 101 and By product GRN 531 if any.

Order Functions Edit Goto Header Environment System Help

Production order Display: Header

Material Capacity Operations Components Documents Sequences

Order: 1000129 Type: ZS01
 Material: 40000099990000 MOLTEN STEEL FROM SMS-CONV Plant: 2000
 Status: REL PRT PCNF PRC CSER BCRQ GMPS MANC*

General Assignment Goods Receipt Control Dates/Qties Master Data Long Text Administration Items Fast Entry

Quantities

Total Qty: 9,960 TO Scrap Portion: 0 0.00 \$
 Delivered: 100 Short/Exc. Rcpt: 0

Dates/Times

	Basic Dates		Scheduled		Confirmed	
End	20.03.2020	24:00	20.03.2020	24:00	10.04.2020	
Start	20.03.2020	00:00	20.03.2020	00:00	10.04.2020	02:29
Release			20.03.2020		10.04.2020	

Scheduling

Type: 3 Only capacity requir...
 Reduction: No reduction carried out
 Note: No scheduling note
 Priority:

Floats

Sched. Margin Key:
 Float Bef. Prdn: 0 Workdays
 Float After Prdn: 0 Workdays
 Release Period: 0 Workdays

SAP

List Edit Goto Settings Mass Processing System Help

Production Order - Documented Goods Movements

Order	Material	Goods mvmt	GR non-val	Material Doc.	Item	Movmt type	Stor. Loc.	Batch	D/C indic.	Amt.in Loc.Cur.	Currency
1000129	20300000000000	1		4900033422	7	261	SMSR		H	3.50	INR
	30100022220000			4900033422	2	261	SMSR		H	2,128,746.30	INR
	40000000000002			4900033422	10	531	SMOM		S	14.60	INR
	40000000000003			4900033422	9	531	SMOM		S	2.00	INR
	40000000000004			4900033422	8	531	SMOM		S	2.50	INR
	400000000000036			4900033422	6	261	SMSR		H	1.30	INR
	401125550000015			4900033422	3	261	SMSR		H	6.20	INR
	501000000000011			4900033422	4	261	SMSR		H	1.30	INR
	DCZRM00002			4900033422	5	261	SMSR		H	1.80	INR
	40000099990000	4		4900033422	1	101	ARS1	0000120A01	S	2,287,594.00	INR

SAP

Finally check the Stock Overview in T-code MMBE
 Input Material and Plant

Stock Overview: Company Code/Plant/Storage Location/Batch

Database Selections

Material to

Plant to

Storage Location to

Batch to

Stock Type Selection

Also Select Special Stocks

Also Select Stock Commitments

List Display

Special Stock Indicator to

Display version

Display Unit of Measure

No Zero Stock Lines

Decimal Place as per Unit

Aggregated Stock

Selection of Display Levels

Company Code

List Edit Goto Extras Environment System Help

Stock Overview: Basic List

Selection

Material MOLTEN STEEL FROM SMS-CONV External Manufacturer

Material Type ZHAL ESL-Semifinished P

Unit of Measure TO Base Unit of Measure TO

Stock Overview

Detailed Display

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection	Reserved	Rcpt reservation	On-Order Stock	Consgt ...
Full	2,842.320		4,450.000			
1000 Electrosteel Steels Ltd.	2,842.320		4,450.000			
2000 Steel Unit-SBU	2,842.320		4,450.000			
ARS1 Argon Rinsing St	2,716.020		2,490.000			
0000120A01	1,893.220					
ARS2 Argon Rinsing St	126.300					

SAP

This marks the completion of production Process and triggers the Quality management process if the Material is relevant for Quality check.

4. Custom Production Execution Process

4.1. Production Execution for Ductile Iron Pipe

This Custom Screen is used to create Chain System through which production can be declared.

How to Create Chain?

This screen will be available as we run the **T Code – ZPPDI01**. Select the finished pipe material codes from the selection list.

System Help

Production Chain Cockpit for DIP

Chain Generation

Production Plan and Chain generation

Product

Quantity

Production Line Schedule Start Date Schedule End Date

Generate

Chain Generation

Production Plan and Chain generation

Product

Quantity

Production Line

Material (1) 40 Entries found

Restrictions

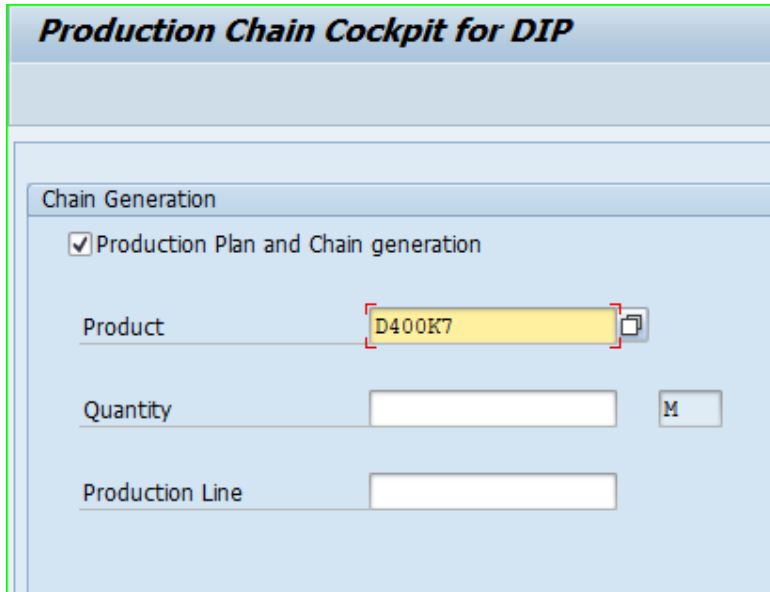
Material	Material description
D1100K9	DI 1100DN K9 SOCKET & SPIGOT PIPE
D1200K7	DI 1200DN K7 SOCKET & SPIGOT PIPE
D1200K9	DI 1200DN K9 SOCKET & SPIGOT PIPE
D150K7	DI 150DN K7 SOCKET & SPIGOT PIPE
D150K9	DI 150DN K9 SOCKET & SPIGOT PIPE
D200K7	DI 200DN K7 SOCKET & SPIGOT PIPE
D200K9	DI 200DN K9 SOCKET & SPIGOT PIPE
D250K7	DI 250DN K7 SOCKET & SPIGOT PIPE
D250K9	DI 250DN K9 SOCKET & SPIGOT PIPE
D300K7	DI 300DN K7 SOCKET & SPIGOT PIPE
D300K9	DI 300DN K9 SOCKET & SPIGOT PIPE
D350K7	DI 350DN K7 SOCKET & SPIGOT PIPE
D350K9	DI 350DN K9 SOCKET & SPIGOT PIPE

Product

D400K7

After section of Material code in the field

Press entre and unit of measurement can be known.



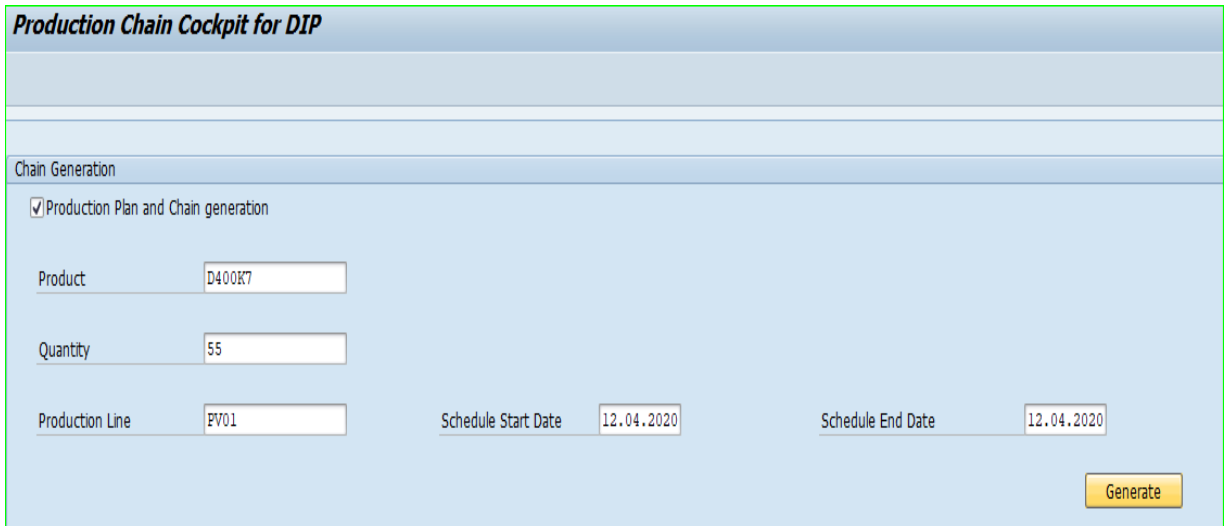
Quantity

55

Give the input qty (in mtr)

shows 10 pcs of 5.5mtr pipes.

Put the Selction data of start production from month plan decided to continue the production of this grade upto scheduled end date of production.

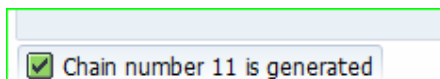


Generate

Now click on

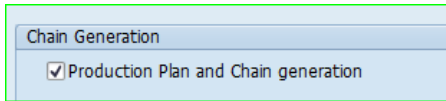
tab to generate new chain no.

We can see the msg shown below after generation of chain no 11.



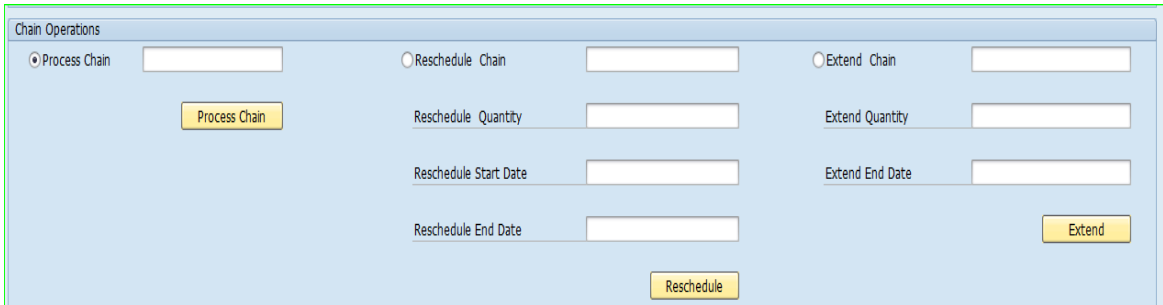
How to move for Chain Operations?

Now deselect or uncheck the tick mark from below check box



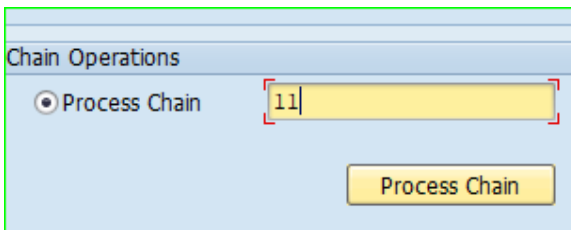
A screenshot of a 'Chain Generation' dialog box. It features a title bar 'Chain Generation' and a single checked checkbox labeled 'Production Plan and Chain generation'.

As we deselect the chain Generation check box. We will be able to see the screen of chain operations.



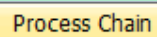
A screenshot of a 'Chain Operations' dialog box. It has three radio buttons: 'Process Chain' (selected), 'Reschedule Chain', and 'Extend Chain'. Each radio button is followed by an empty text input field. Below these are three rows of input fields: 'Reschedule Quantity', 'Reschedule Start Date', and 'Reschedule End Date' on the left; 'Extend Quantity' and 'Extend End Date' on the right. At the bottom, there are three buttons: 'Process Chain', 'Reschedule', and 'Extend'.

Give the input in Process Chain field. Put New Generated Chain No. 11



A screenshot of the 'Chain Operations' dialog box. The 'Process Chain' radio button is selected, and the text '11' is entered into the adjacent text input field. The 'Process Chain' button is highlighted with a red border.

Now click on



A yellow button with the text 'Process Chain' inside, highlighted with a green border.

Then we will get stage wise pipe production screens with stage wise automatic generated Production orders.

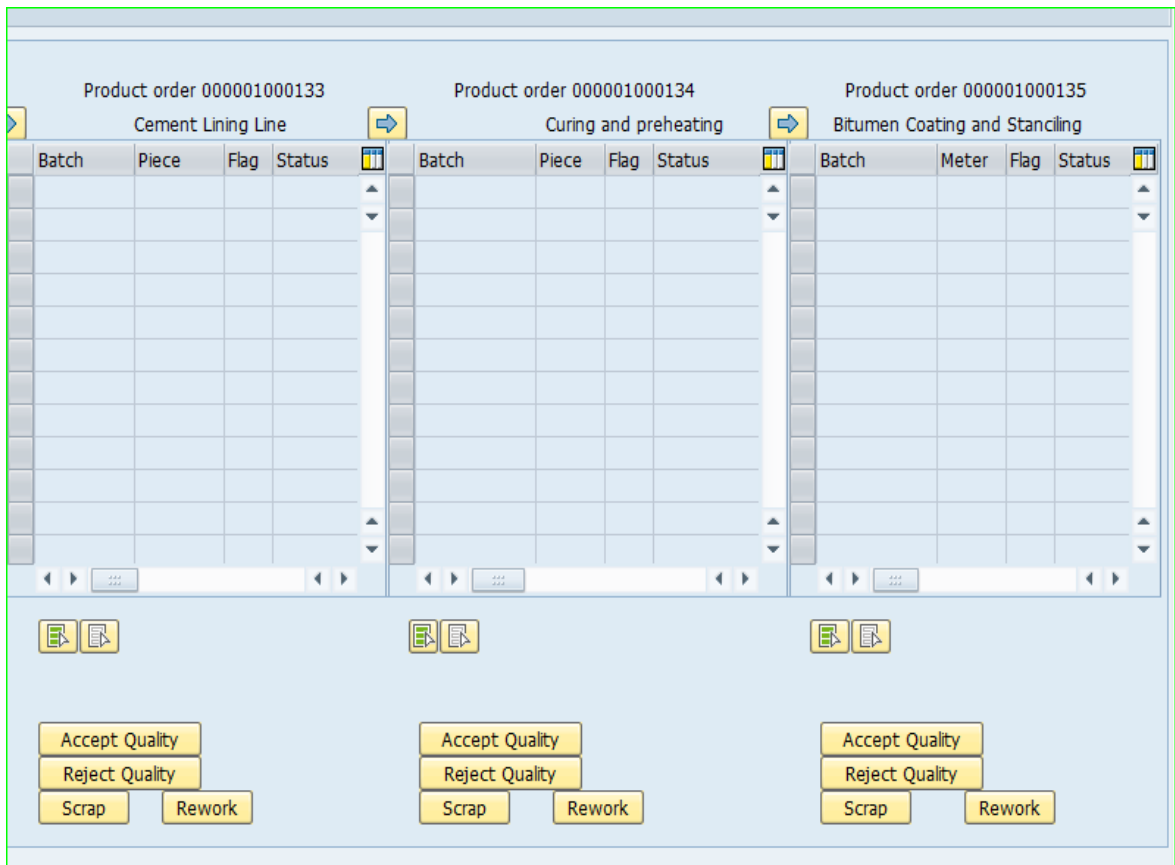
Chain process no 11

Product order 000001000130 Product order 000001000131 Product order 000001000132

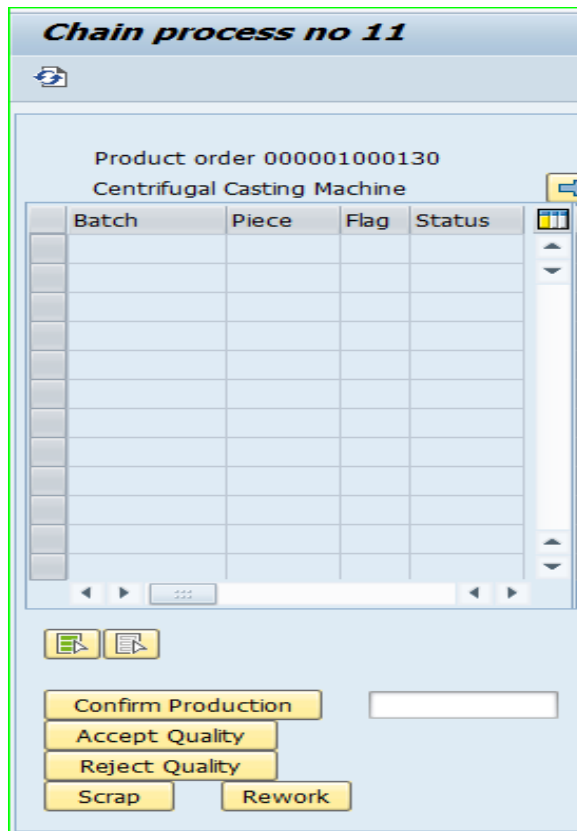
Centrifugal Casting Machine Annealing Furnace Zinc and HPTM

Batch	Piece	Flag	Status

1st 3 stages and next 3 stages are shown below.



As Cast Pipe Production



To give production for cast pipes for order

Product order 000001000130

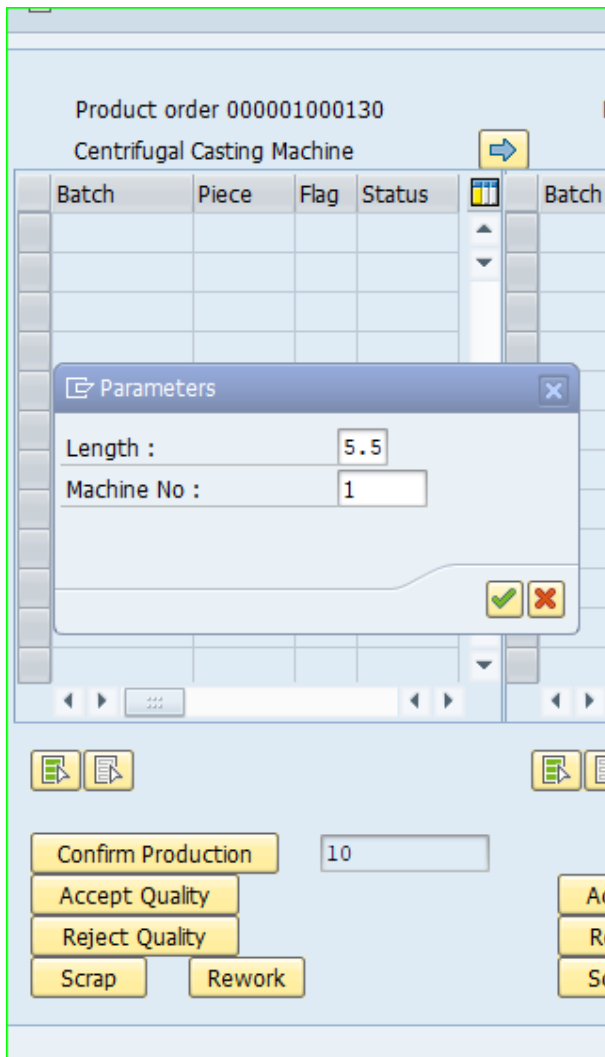
Centrifugal Casting Machine

give input in of production qty (in pcs)

Confirm Production

10

Just after that we have to mention the length of pipes & machine no through which pipe planned for production in parameter field.



Just after confirmation of parameters production cycle run successfully.

Chain process no 11

Product order 000001000130 Centrifugal Casting Machine

Batch	Piece	Flag	Status
A1201002AB	1.000		⚠️
A1201003AB	1.000		⚠️
A1201004AB	1.000		⚠️
A1201005AB	1.000		⚠️
A1201006AB	1.000		⚠️
A1201007AB	1.000		⚠️
A1201008AB	1.000		⚠️
A1201009AB	1.000		⚠️
A1201010AB	1.000		⚠️

Product order 000001000131 Annealing Furnace

Product order 000001000132 Zinc and HPTM

Product order 000001000133 Cement Lining Line

Product order 000001000134 Curing and preheating

Buttons: Confirm Production, Accept Quality, Reject Quality, Scrap, Rework

Product order 000001000130
Centrifugal Casting Machine

Batch	Piece	Flag	Status
A1201002AB	1.000		⚠️
A1201003AB	1.000		⚠️
A1201004AB	1.000		⚠️
A1201005AB	1.000		⚠️
A1201006AB	1.000		⚠️
A1201007AB	1.000		⚠️
A1201008AB	1.000		⚠️
A1201009AB	1.000		⚠️
A1201010AB	1.000		⚠️

10 nos of pipes produced with batch no wise

Automatic Batches are defined for all produced pipes.

Produced pipes stock can be seen in mmbe screen.

Stock Overview: Basic List

Material: DCZ400K7
 AS CAST PIPE - D: 400 S: K7

Material Type: ZHAL
 ESL-Semifinished P

Unit of Measure: PC
 Base Unit of Measure: PC

Stock Overview

Client/Company Code/Plant/Storage Location/Batch/Special Stock | Unrestricted use | Qual. inspection

• A01O4027AA		1.000
• A01O4028AA		1.000
• A01O4029AA		1.000
• A01O4030AA		1.000
• A12O1002AB		1.000
• A12O1003AB		1.000
• A12O1004AB		1.000
• A12O1005AB		1.000
• A12O1006AB		1.000
• A12O1007AB		1.000
• A12O1008AB		1.000
• A12O1009AB		1.000
• A12O1010AB		1.000

4.2. Batch Nomenclature of Ductile cast pipes

BATCH NOMENCLATURE BASED ON BELOW CODINGS

At Casting Stage –

A - Stands for Year (A-2020, B-2021, C-2022.....)

12 –Stands for Date

O- Stands for Month (L-January, M- February, N-March, O- April.....)

1 - Stands for M/c No. (1- CCM1, 2—CCM2.....)

001 – Stands for Pipe No.

A – Stands for Class (A-K7, B-K9,)

A- Stands for Length of the pipe (A-6.0M, B-5.5M, C-5.0M)

Note: When pipe nos exceed from 999, then
for 1000 it will K01, For 1001 K02 ... for 1099 it will K99
for 1100 it will L01, L02... for 1199 L99.

These batches will be same upto Curing and preheating stage after that Nomenclature will be changed such as

At Bitumen Stage –

A21MAAA001

A - Stands for Year (A-2020, B-2021, C-2022.....)

21 –Stands for Date

O - Stands for Month (L-January, M- February...)

A – Stands for Class (A-K7, B-K9...)

A- Stands for Length of the pipe (A-6.0M, B-5.5M, C-5.0M)

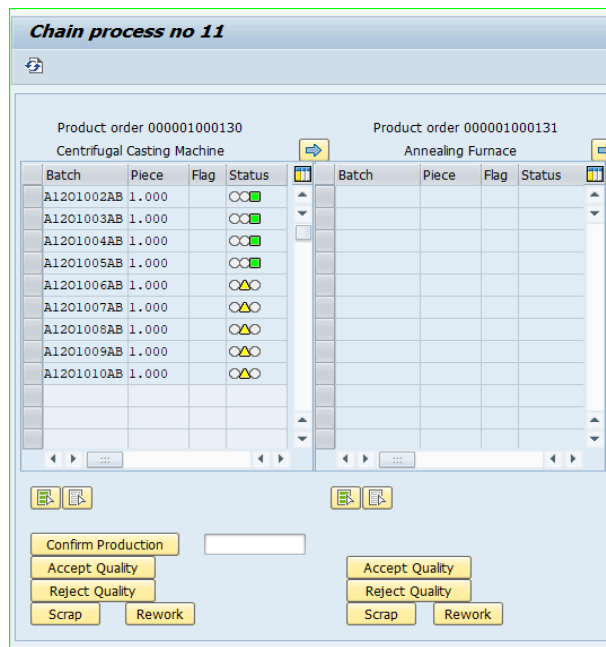
A- Stands for Diameter of the pipe (A-80mm, B-100mm, C-125mm.....)

001 – Series of batches...

4.3. Production of pipes to further stages


How to give production of Annealed, Zn & HPTM, CML, Curing & Preheated Stage pipes?

Solution provided here in such a convenient way to move as cast (stage 1 QA pass stock) to other stage in very simple way as shown below.



Just select the pipes to which u want to move in 2nd stage production as shown below.

Product order 000001000130				Product order 000001000131			
Centrifugal Casting Machine				Annealing Furnace			
Batch	Piece	Flag	Status	Batch	Piece	Flag	Status
A1201002AB	1.000		○○■				
A1201003AB	1.000		○○■				

click on arrow 

Product order 000001000130				Product order 000001000131			
Centrifugal Casting Machine				Annealing Furnace			
Batch	Piece	Flag	Status	Batch	Piece	Flag	Status
A1201004AB	1.000		○○■	A1201002AB	1.000		○▲○
A1201005AB	1.000		○○■	A1201003AB	1.000		○▲○
A1201006AB	1.000		○▲○				
A1201007AB	1.000		○▲○				
A1201008AB	1.000		○▲○				
A1201009AB	1.000		○▲○				
A1201010AB	1.000		○▲○				

Selected pipes of Casting stage produced in Annealing stage with background mvt type of 801.

Again you have to clear the stock from Quality and move forward in same described method.

Stock Overview: Basic List

Material: DAN400K7
 ANNEALED PIPE - D: 400 S: K7
 Material Type: ZHAL ESL-Semifinished P
 Unit of Measure: PC Base Unit of Measure: PC

Stock Overview

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection	Res
• A01O4001AA			
• A01O4002AA			
• A01O4003AA			
• A01O4004AA			
• A01O4006AA	1.000		
• A01O4007AA		1.000	
• A01O4008AA		1.000	
• A01O4009AA		1.000	
• A01O4010AA		1.000	
• A01O4011AA		1.000	
• A01O4012AA		1.000	
• A01O4013AA		1.000	
• A12O1002AB		1.000	
• A12O1003AB		1.000	

Material Document List

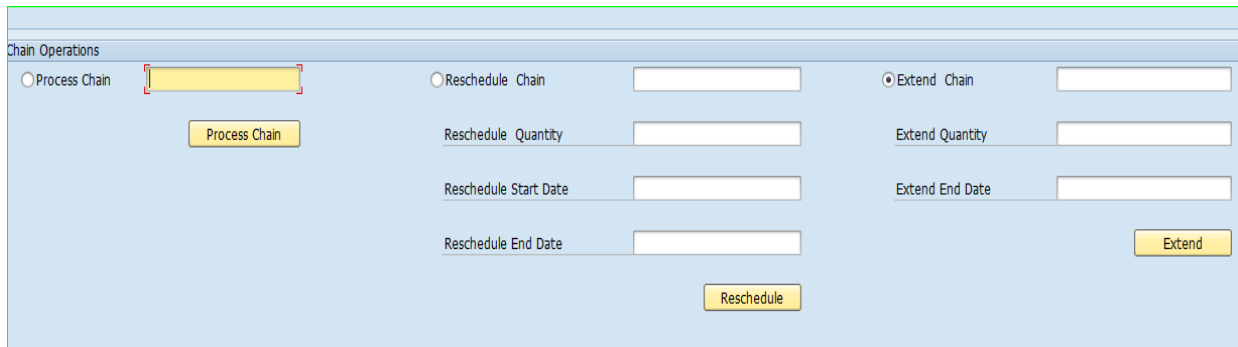
Material	Plant	SLoc	MvT	S	Material Doc.	Item	Posting Date	Qty in unit of entry	EUn	Mvt	Quantity	Order
DCZ400K7	3000	DCA...	261		4900033440	1	13.04.2020	1- PC			1-	1000131
DCZ400K7	3000	DCA...	261		4900033441	1	13.04.2020	1- PC			1-	
DCZ400K7	3000	DCA...	321		4900033436	1	13.04.2020	1- PC			1-	1000130
DCZ400K7	3000	DCA...	321		4900033436	2	13.04.2020	1 PC			1	
DCZ400K7	3000	DCA...	321		4900033437	1	13.04.2020	1- PC			1-	
DCZ400K7	3000	DCA...	321		4900033437	2	13.04.2020	1 PC			1	
DCZ400K7	3000	DCA...	101		5000000998	1	12.04.2020	1 PC	F		1	
DCZ400K7	3000	DCA...	101		5000000999	1	12.04.2020	1 PC	F		1	

Also self-consumption booked in background. No need to book separate consumption of produced pipes through mvt. type 261.

As shown above – 101 (Production) / 321 (QA pass) / 261 (Consumption booked)

4.4. Extend Chain

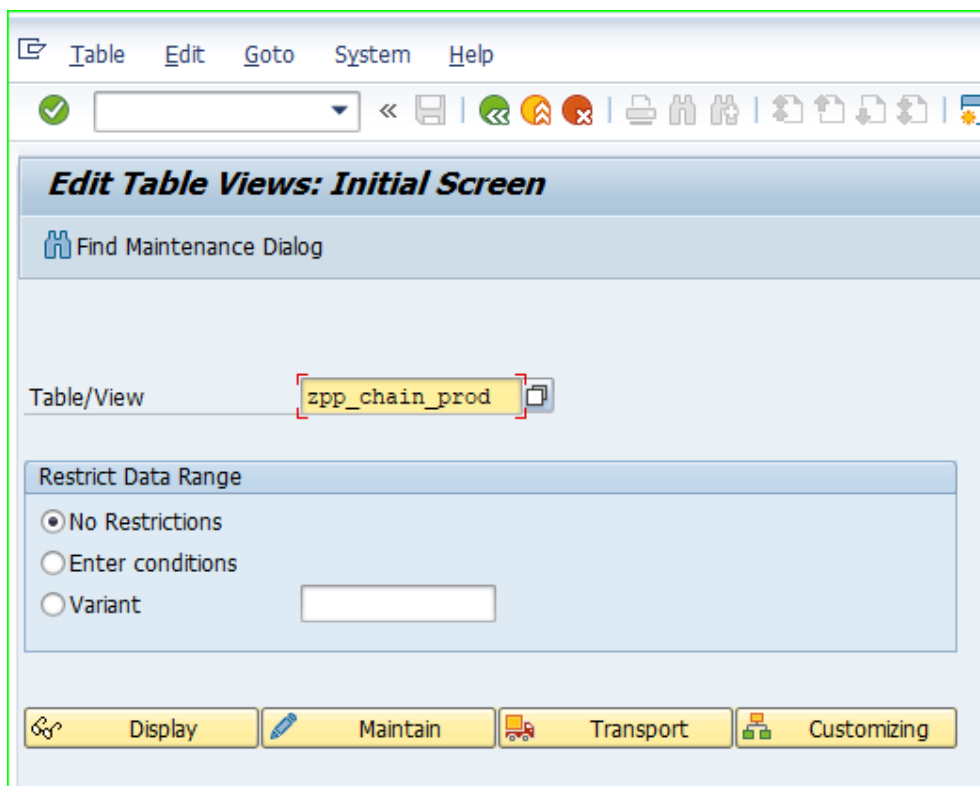
Suppose we have to extend the production Qty in same chain which is already created once. validity date of chain tells about the existing of chain in current date.



The screenshot shows the 'Chain Operations' dialog box in SAP. It has three main sections: 'Process Chain', 'Reschedule Chain', and 'Extend Chain'. The 'Extend Chain' section is selected with a radio button. It contains input fields for 'Reschedule Chain', 'Reschedule Quantity', 'Reschedule Start Date', 'Reschedule End Date', 'Extend Chain', 'Extend Quantity', and 'Extend End Date'. There are buttons for 'Process Chain', 'Reschedule', and 'Extend'.

Suppose existing chain no is 12 and it has vality up to 17th to 20th April.

Validity can be seen through T Code SM30 → put table/view → Zpp_chain_prod → display chain.



The screenshot shows the 'Edit Table Views: Initial Screen' in SAP. The 'Table/View' field contains 'zpp_chain_prod'. Below it, the 'Restrict Data Range' section has three radio buttons: 'No Restrictions' (selected), 'Enter conditions', and 'Variant'. At the bottom, there are four buttons: 'Display', 'Maintain', 'Transport', and 'Customizing'.

Display View "A table to store chain against production order": Overvi

A table to store chain against production order

Chain Number	Order	Material	Text	Chain Number	Valid From	Valid To
10	1000119	DZH400K7	000	0	01.04.2020	01.04.2020
10	1000120	DCML400K7		0	01.04.2020	01.04.2020
10	1000121	DCPR400K7		0	01.04.2020	01.04.2020
10	1000122	D400K7		0	01.04.2020	01.04.2020
11	1000130	DCZ400K7	000	0	12.04.2020	13.04.2020
11	1000131	DAN400K7	000	0	12.04.2020	13.04.2020
11	1000133	DCML400K7		0	12.04.2020	13.04.2020
11	1000134	DCPR400K7		0	12.04.2020	13.04.2020
11	1000135	D400K7		0	12.04.2020	13.04.2020
12	1000139	DCZ400K7	000	0	17.04.2020	20.04.2020
12	1000140	DAN400K7	000	0	17.04.2020	20.04.2020
12	1000141	DZH400K7	000	0	17.04.2020	20.04.2020
12	1000142	DCML400K7		0	17.04.2020	20.04.2020
12	1000143	DCPR400K7		0	17.04.2020	20.04.2020
12	1000144	D400K7		0	17.04.2020	20.04.2020
1	1000014	DAN300K7		0	18.03.2020	18.03.2020
10	1000118	DAN400K7	000	0	01.04.2020	01.04.2020
11	1000132	DZH400K7	000	0	12.04.2020	13.04.2020

In table we can see the chain no 12 stage wise Valid date is also showing there and for qty. You may open order of D400k7 – 1000144 through CO02.

Production order Change: Header

Order: 1000144 Type: ZD07
 Material: D400K7 DI 400DN K7 SOCKET & SPIGOT PIPE Plant: 3000
 Status: REL PRT PCNF PRC BCRQ GMPS MANC PDLV*

General Assignment Goods Receipt Control Dates/Qties Master Data Long Text Administration Items Fast E

Quantities

Total Qty: 60 M Scrap Portion: 0.00 %
 Delivered: 6 Short/Exc. Rcpt: 0

Dates/Times

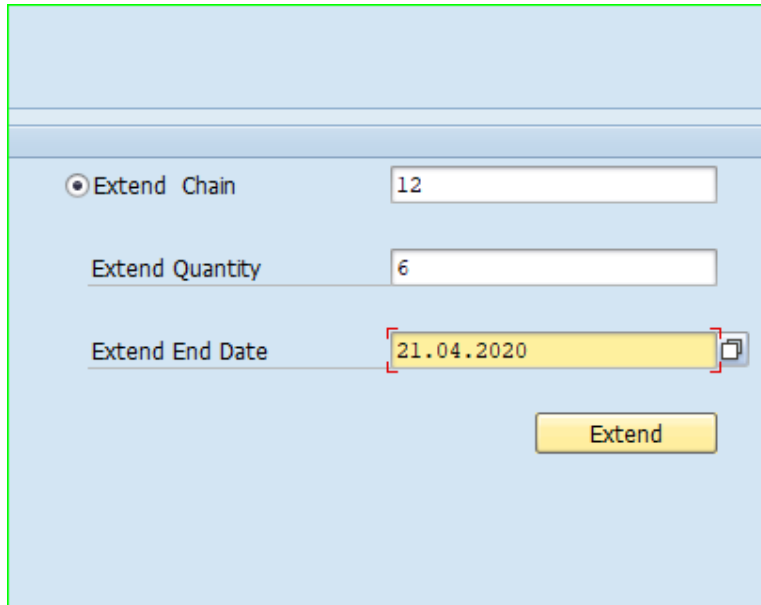
	Basic Dates		Scheduled		Confirmed	
End	20.04.2020	24:00	20.04.2020	24:00	18.04.2020	
Start	18.04.2020	00:00	18.04.2020	01:07	18.04.2020	01:07
Release			17.04.2020		18.04.2020	

Now got the order qty 60mtr = 10 pipes (6 mtr already produced). Then move for extend chain.

Give the input of chain no. 12

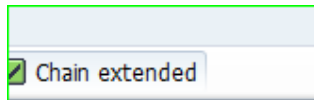
Qty. – 6 mtr (Chain Operation always performs operations in terms of mtr for finished pipes)

Date 21th from 20th.



The screenshot shows a light blue dialog box with a white background. It contains three input fields stacked vertically. The first field is labeled 'Extend Chain' and has a radio button selected next to it, with the value '12' entered. The second field is labeled 'Extend Quantity' and has the value '6' entered. The third field is labeled 'Extend End Date' and has the value '21.04.2020' entered. To the right of the date field is a small calendar icon. Below these fields is a yellow button with the text 'Extend'.

You will get msg of extended chain



Now you will see the cast stage pipes order qty. extended

Order Functions Edit Goto Header Environment System Help

Production order Change: Header

Material DCZ400K7 AS CAST PIPE - D: 400 S: K7

Status REL PRT PCNF PRC BCRQ GMPS MANC PDLV*

General Assignment Goods Receipt Control Dates/Qties Master Data Long Text

Quantities

Total Qty	16	PC	Scrap Portion		0.00	%
Delivered	8		Short/Exc. Rcpt	0		

Dates/Times

	Basic Dates		Scheduled		Confirmed	
End	20.04.2020	24:00	20.04.2020	24:00	18.04.2020	
Start	18.04.2020	00:00	18.04.2020	00:58	18.04.2020	00:58
Release			17.04.2020		18.04.2020	

Scheduling

Type Only capacity require...
Reduction No reduction carried out
Note No scheduling note
Priority

Floats

Sched. Margin Key
Float Bef. Prdn Workdays
Float After Prdn Workdays
Release Period Workdays

Same will be increased in D400k7

Order 1000144

Material D400K7 DI 400DN K7 SOCKET & SPIGOT PIPE

Status REL PRT PCNF PRC BCRQ GMPS MANC PDLV*

General Assignment Goods Receipt Control Dates/Qties Master Data Long Text Administration

Quantities

Total Qty	60	M	Scrap Portion		0.00	%
Delivered	6		Short/Exc. Rcpt	0		

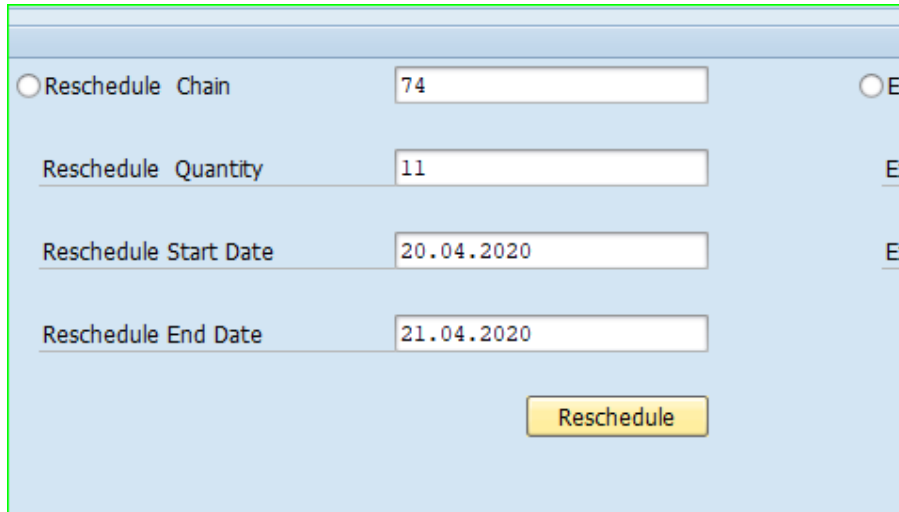
Dates/Times

	Basic Dates		Scheduled		Confirmed	
End						
Start						
Release						

This was the way through which you may extend the chain.

4.5. Reschedule Chain

Suppose if you have created a chain and valid date of chain laped but still u have to work on same materials then plan for reschedule the chain. Here you will get different chain no after reschedule of chain.



Reschedule Chain: 74

Reschedule Quantity: 11

Reschedule Start Date: 20.04.2020

Reschedule End Date: 21.04.2020

Reschedule

Input Qty. (in mtr), next date of execute the chain after another order of same size.

Then rescheduled chain created with new slot of next chain of ongoing chain no.

Chain no 100 created.

This can be seen through T code sm30 as a parent child relationship.

Change View "A table to store chain against production order": Overview

New Entries

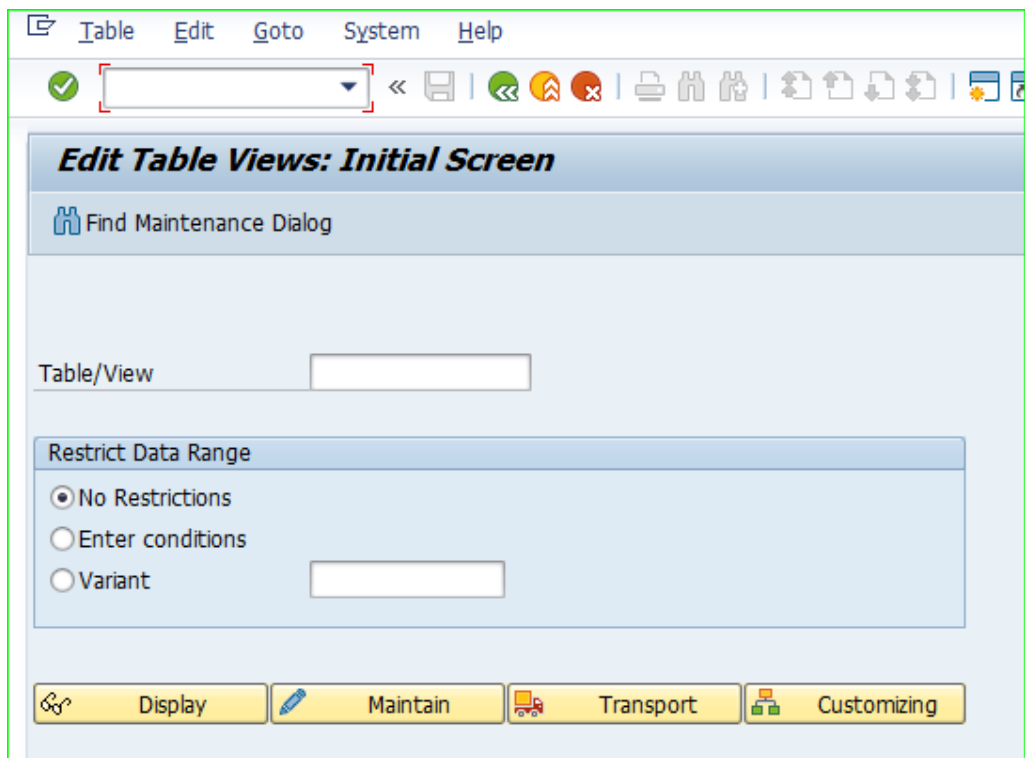
A table to store chain against production order

Chain Number	Order	Material	Text	Chain Number	Valid From	Valid To
100	1000337	DCML700K7	000	95	20.04.2020	21.04.2020

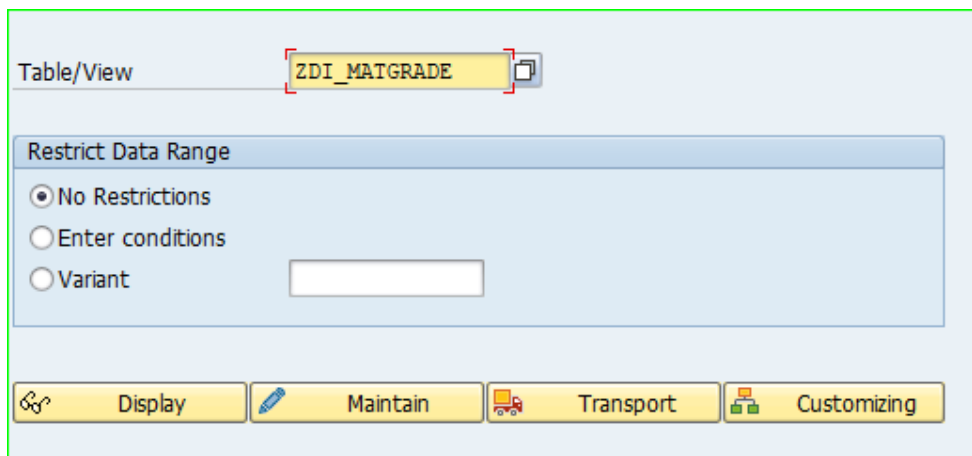
Beside date of chain you may see the parent chain no 95 mentioned over here.

4.6. Mat Grade Table

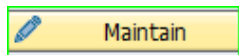
When we have to do all configuration of material master then after that for run the system through ZPPDI001. We have to configure the table though T Code – SM30.



Here we have to update the table names --> **ZDI_MATGRADE**



For maintain the detail click on maintain



Suppose you have to start work on Dia 100K7 in that case you have to update the details of all stages.

Material – Material Code at respective stage , Grade – K7, Diameter – Size of Pipe 100, Issue S.Loc & S. Loc will be same.

New Entries: Overview of Added Entries						
A table to maintain Di pipes material,grade,dia & length						
Material	Grade	Diameter	Length	Issue Stc	SLoc	
DCZ500K7	K7	500	6.00	DCAO	DCAO	
DAN500K7	K7	500	6.00	DCAI	DCAI	
DZH500K7	K7	500	6.00	ZNHP	ZNHP	
DCML500K7	K7	500	6.00	CMLP	CMLP	
DCPR500K7	K7	500	6.00	CUPR	CUPR	
D500K7	K7	500	6.00	DIFN	DIFN	

Just after save it you will find Size of material will be freezed.

New Entries: Overview of Added Entries						
A table to maintain Di pipes material,grade,dia & length						
Material	Grade	Diameter	Length	Issue Stc	SLoc	
DCZ500K7	K7	500	6.00	DCAO	DCAO	
DAN500K7	K7	500	6.00	DCAI	DCAI	
DZH500K7	K7	500	6.00	ZNHP	ZNHP	
DCML500K7	K7	500	6.00	CMLP	CMLP	
DCPR500K7	K7	500	6.00	CUPR	CUPR	
D500K7	K7	500	6.00	DIFN	DIFN	

Now you will be able to create chain production

Use of ZPP_CHAIN_PROD

Here we can maintain the chain.

If chain is created & giving any issues in that case we have to use T code- SM30

View- ZPP_CHAIN_PROD

Find Maintenance Dialog

Table/View

Restrict Data Range

No Restrictions

Enter conditions

Variant

Change View "A table to store chain against production order": Overview

New Entries


A table to store chain against production order

Chain Number	Order	Material	Text	Chain Number	Valid From	Valid To
1	1000013	DCZ300K7			18.03.2020	21.03.2020
1	1000014	DAN300K7			18.03.2020	18.03.2020
1	1000016	DCML300K7			18.03.2020	25.03.2020
1	1000017	DCPR300K7			18.03.2020	25.03.2020
2	1000022	DAN500K7			18.03.2020	21.03.2020
2	1000023	DZH500K7			18.03.2020	24.03.2020
2	1000024	DCPR500K7			18.03.2020	24.03.2020
3	1000054	DAN400K7	..		20.03.2020	20.03.2020
3	1000057	DCPR400K7	..		20.03.2020	24.03.2020
3	1000058	D400K7			20.03.2020	24.03.2020
4	1000062	DCZ400K7	..		21.03.2020	23.03.2020
4	1000064	DZH400K7	..		21.03.2020	24.03.2020
6	1000081	DAN400K7	..3		21.03.2020	23.03.2020
6	1000082	DZH400K7	..3		21.03.2020	23.03.2020
6	1000084	DCPR400K7	..3		21.03.2020	23.03.2020
6	1000085	D400K7	3		21.03.2020	23.03.2020
7	1000086	DCZ400K7	..3		21.03.2020	23.03.2020
7	1000088	DZH400K7	..3		21.03.2020	23.03.2020
7	1000089	DCML400K7	3		21.03.2020	23.03.2020
7	1000090	DCPR400K7	3		21.03.2020	23.03.2020

If need to change the clash of chain date that can be ammended here.


If wrongly chain created with some errors, in this case u can delete the chain.

Change view "A table to store chain against production order": Overview

New Entries      

A table to store chain against production order

Chain Number	Order	Material	Text	Chain Number	Valid From	Valid To
7	1000087	DAN400K7		3	21.03.2020	23.03.2020
8	1000096	DCPR400K7			26.03.2020	27.03.2020
10	1000117	DCZ400K7			01.04.2020	01.04.2020














Just select the chain nos all stages and delete  & save it.

Use of ZDI_CUTPIPE_WT

Here we have to update the weight of cut pcs length. This will reflect the weight of Rework pipes.

Open T code SM30

Edit Table Views: Initial Screen





 sm30            

Edit Table Views: Initial Screen

Table/View

Restrict Data Range

No Restrictions
 Enter conditions
 Variant

 Display  Maintain  Transport  Customizing

Enter the Table View – ZDI_CUTPIPE_WT

Change View "Table to maintain weight of pipe": Overview







New Entries      

Table to maintain weight of pipe

Size	Grade	Brl Wt	Wt of 0.5m	socket wt
700	K7	0.145	0.072	0.079

Here DN700 updated the weight of Brl wt (in MT for 1 metre pipe).

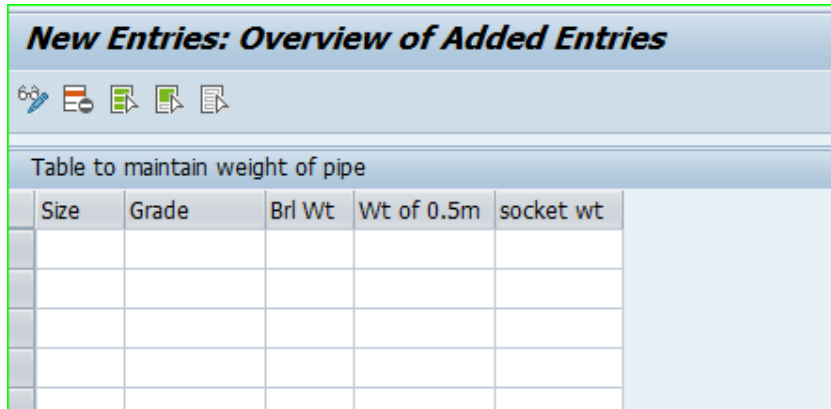
Weight of .5 mtr (barrel) in Tonne

Weight of 1 socket for that dia in Tonne

Now if we have to add new dia details then

Click on **New Entries** or press F5.

Then you will get the blank screen

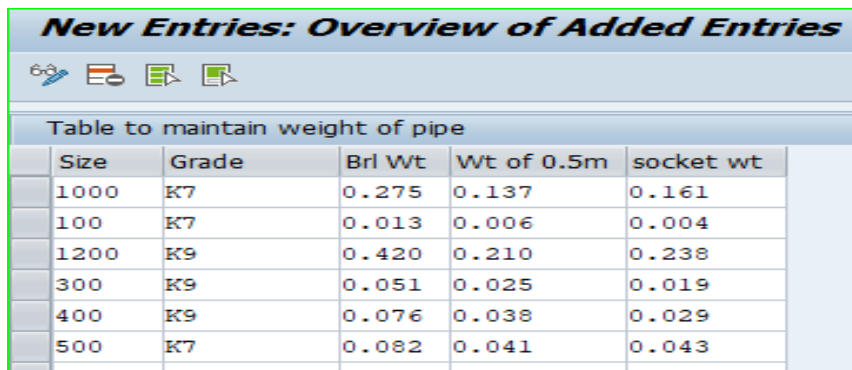


New Entries: Overview of Added Entries

Table to maintain weight of pipe

Size	Grade	Brl Wt	Wt of 0.5m	socket wt

Then add the data just like this

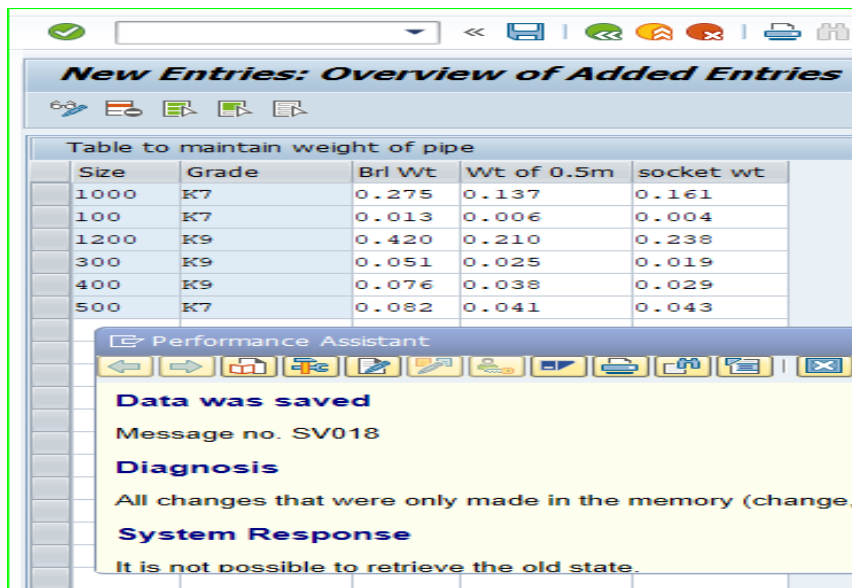


New Entries: Overview of Added Entries

Table to maintain weight of pipe

Size	Grade	Brl Wt	Wt of 0.5m	socket wt
1000	K7	0.275	0.137	0.161
100	K7	0.013	0.006	0.004
1200	K9	0.420	0.210	0.238
300	K9	0.051	0.025	0.019
400	K9	0.076	0.038	0.029
500	K7	0.082	0.041	0.043

Now save the data.



New Entries: Overview of Added Entries

Table to maintain weight of pipe

Size	Grade	Brl Wt	Wt of 0.5m	socket wt
1000	K7	0.275	0.137	0.161
100	K7	0.013	0.006	0.004
1200	K9	0.420	0.210	0.238
300	K9	0.051	0.025	0.019
400	K9	0.076	0.038	0.029
500	K7	0.082	0.041	0.043

Performance Assistant

Data was saved
Message no. SV018

Diagnosis
All changes that were only made in the memory (change,

System Response
It is not possible to retrieve the old state.


Go back and check the rework pipes will start to reflect correct weight of pipes for cut pcs or converted after 6 to 5.5 or 5 mtr pipes.

Next is to see the stage wise stock through use of ZDI_STOCK_POSN

Detailed can be seen in section 6.3.

5. Quality Clearance

5.1. Accept Quality

Now Produced pipes are under Quality  yellow Symbol indicate for Stock under Quality Inspection

Product order 000001000130
Centrifugal Casting Machine

Batch	Piece	Flag	Status
A1201002AB	1.000		
A1201003AB	1.000		
A1201004AB	1.000		
A1201005AB	1.000		
A1201006AB	1.000		
A1201007AB	1.000		
A1201008AB	1.000		
A1201009AB	1.000		
A1201010AB	1.000		

Confirm Production

Accept Quality

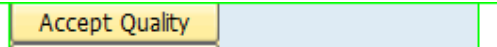
Reject Quality

Scrap Rework

Select the pipes for QA release









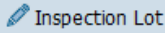
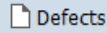
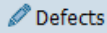
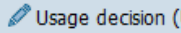
Product order 000001000130
Centrifugal Casting Machine

Batch	Piece	Flag	Status
A1201002AB	1.000		
A1201003AB	1.000		
A1201004AB	1.000		
A1201005AB	1.000		
A1201006AB	1.000		
A1201007AB	1.000		


Press 

Just After that automatically screen moved in QA32 as shown below.









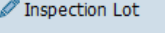
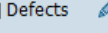
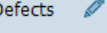
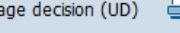

DIP Production: Worklist for Inspection Lots

P	Inspection Lot	System Status	OpAc	Short Text	Work Ctr	Plant	Short Text	Short text for inspection object
	40000001324	REL CALC SPRQ	0010	Quality Analysis	QUALITY	3000	QUALITY	AS CAST PIPE - D: 400 S: K7
	40000001325	REL CALC SPRQ	0010	Quality Analysis	QUALITY	3000	QUALITY	AS CAST PIPE - D: 400 S: K7
	40000001327	REL CALC SPRQ	0010	Quality Analysis	QUALITY	3000	QUALITY	AS CAST PIPE - D: 400 S: K7
	40000001329	REL CALC SPRQ	0010	Quality Analysis	QUALITY	3000	QUALITY	AS CAST PIPE - D: 400 S: K7

 Click on icon and select all pipes as shown in below screen

DIP Production: Worklist for Inspection Lots





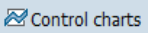
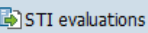
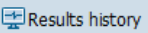
P	Inspection Lot	System Status	OpAc	Short Text	Work Ctr	Plant	Short Text	Short text for inspection object	Plant
	40000001324	REL CALC SPRQ	0010	Quality Analysis	QUALITY	3000	QUALITY	AS CAST PIPE - D: 400 S: K7	3000
	40000001325	REL CALC SPRQ	0010	Quality Analysis	QUALITY	3000	QUALITY	AS CAST PIPE - D: 400 S: K7	3000
	40000001327	REL CALC SPRQ	0010	Quality Analysis	QUALITY	3000	QUALITY	AS CAST PIPE - D: 400 S: K7	3000
	40000001329	REL CALC SPRQ	0010	Quality Analysis	QUALITY	3000	QUALITY	AS CAST PIPE - D: 400 S: K7	3000

Run  Change Inspection Lot or press (F8)

And select the Operation Parameters Ok Ok from selection check box

(If pipes are not rejected select ok ok).

Characs. for Several Inspection Lots, Across All Operations

Inspection Lot	40000001324	40000001325	40000001327	40000001329		
Material	DCZ400K7	DCZ400K7	DCZ400K7	DCZ400K7		
Batch	A12O1002AB	A12O1003AB	A12O1004AB	A12O1005AB		
Operation	Characteristic	Specs	Result	Result	Result	Result
0010	Visual Defect CR	VDCR				
0010	Thickness K7400 (Nom-6.3 mm, Min-4.8 mm)	DIDSCN	OK Ok	OK Ok	OK Ok	OK Ok

Save

Then Save it. 


Characs. for Several Inspection Lots, Across All Operations

Control charts STI evaluations Results history

Inspection Lot	40000001324	40000001325	40000001327	40000001329
Material	DCZ400K7	DCZ400K7	DCZ400K7	DCZ400K7
Batch	A12O1002AB	A12O1003AB	A12O1004AB	A12O1005AB

Save


Operation	Characteristic	Specs	Result	Result	Result	Result
0010	Visual Defect CR	VDCR	Saved	Saved		
0010	Thickness K7400 (Nom-6.3 mm, Min-4.8 mm)	DIDSCN	Saved	Saved	Saved	Saved

Now press back option from top  or F3.

DIP Production: Worklist for Inspection Lots

Inspection Lot Defects Defects

P	Inspection Lot	System Status	OpAc	Short Text	Work Ctr	Plant	Short Text	Short text for in
✓	40000001324	REL CALC SPRQ	0010	Quality Analysis	QUALITY	3000	QUALITY	AS CAST PIPE -
✓	40000001325	REL CALC SPRQ	0010	Quality Analysis	QUALITY	3000	QUALITY	AS CAST PIPE -
✓	40000001327	REL CALC SPRQ	0010	Quality Analysis	QUALITY	3000	QUALITY	AS CAST PIPE -
✓	40000001329	REL CALC SPRQ	0010	Quality Analysis	QUALITY	3000	QUALITY	AS CAST PIPE -

Press again from top  or F3 to get UD in background option.

Collective Usage Decision for OK Lots

Choose Detail Change Layout Choose Spreadsheet ABC Analysis Inspection Results Inspection Lot UD (Background) UD (Foreground)

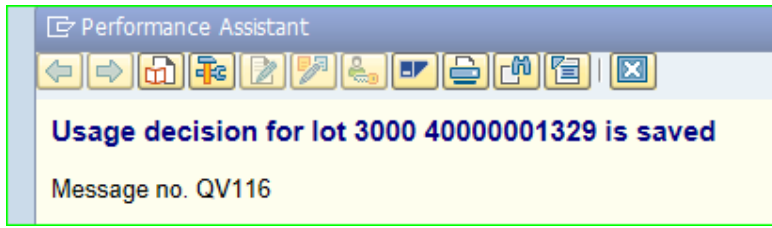
Standard UD Code: Accept


Code Group: 01
Selected Set: 01

Inspection Lot	System Status	User Status	Plant	Insp. Type	LO	Ty.	Plan no.	Short text for inspection object	Stat.P
40000001324	INSP RREC SPRQ		3000	04	04	QL1	1000001615	AS CAST PIPE - D: 400 S: K7	
40000001325	INSP RREC SPRQ		3000	04	04	QL1	1000001616	AS CAST PIPE - D: 400 S: K7	
40000001327	INSP RREC SPRQ		3000	04	04	QL1	1000001618	AS CAST PIPE - D: 400 S: K7	
40000001329	INSP RREC SPRQ		3000	04	04	QL1	1000001620	AS CAST PIPE - D: 400 S: K7	

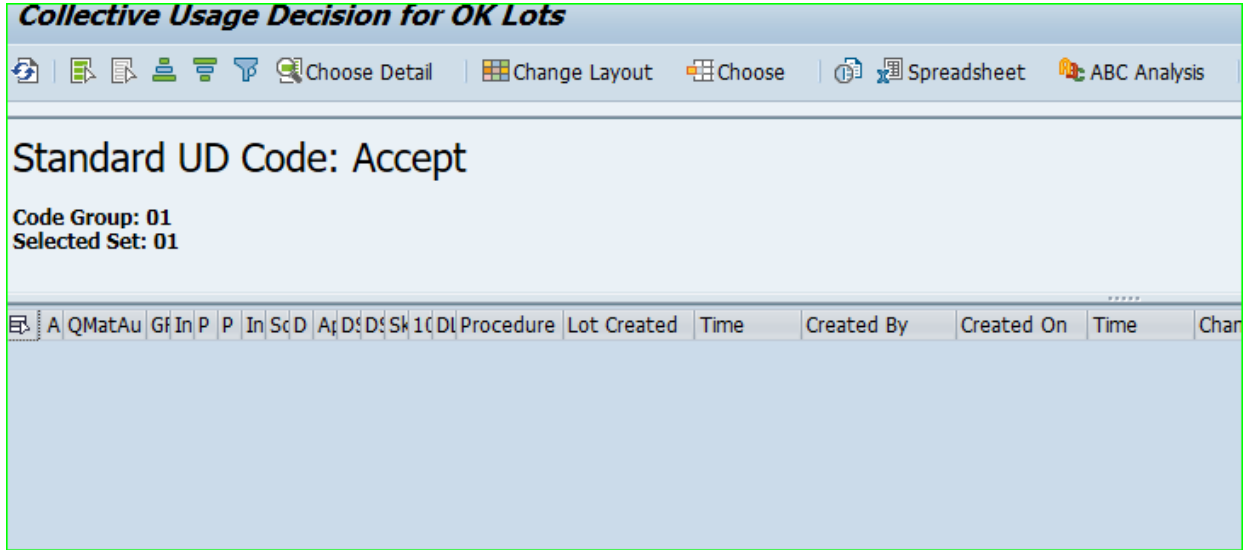
Select all pipes and run  UD (Background) or Ctr+Shift+F1


Just after run we get the msg.




Then Refresh the screen 

All pipes UD done collectively and no pipes are left on screen



Now press back option from top  or F3.

You will get the Quality stock automatically moved in unrestricted stock with status 

Product order 000001000130
Centrifugal Casting Machine

Batch	Piece	Flag	Status
A1201002AB	1.000		○○■
A1201003AB	1.000		○○■
A1201004AB	1.000		○○■
A1201005AB	1.000		○○■
A1201006AB	1.000		○▲○
A1201007AB	1.000		○▲○

This can be seen in mmbe stock.

Process Over for Quality Acceptance.


Characs. for Several Inspection Lots, Across All Operations


Control charts STI evaluations

Inspection Lot	40000001331	40000001333
Material	DCZ400K7	DCZ400K7
Batch	A12O1006AB	A12O1007AB

Save

Operation	Characteristic	Specs	Result	Result
010	Visual Defect CR	VDCR	BD BODY DRA...	BEND BEND
010	Thickness K7400 (Nom-6.3 mm, Min-4.8 mm)	DIDSCN	NOK NOK	NOK NOK

Save it 

Now press back screen from top  or F3.

A1001009BB	1.000		
A1001010BB	1.000		

We will move on Production screen and find

Selected pipes moved under blocked stock after rejection with red indicator status.

5.3. Rework

Suppose you have to move pipes through Rework process in that cases.

Then 1st of all Pipes will go under rejection as per process defined in 5.2 (QA Rejection) – Under block stock.

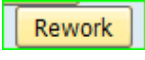
Open T code - ZPPDI01 and check to which pipes are rejected and under blocked stock

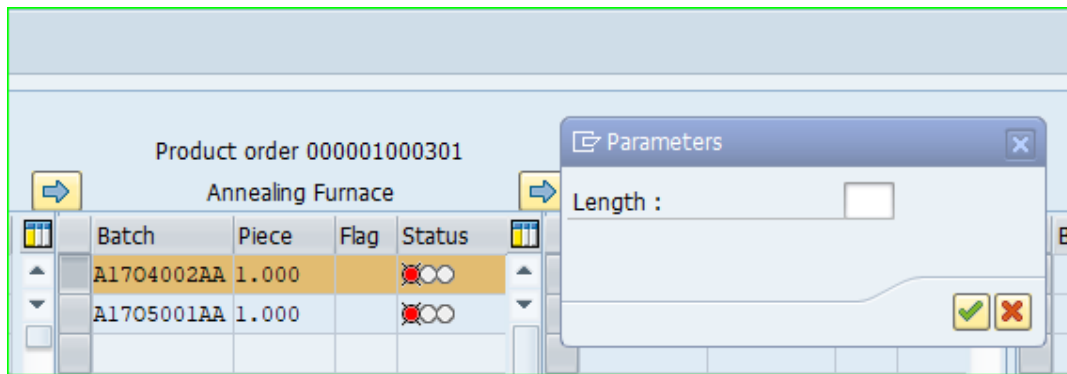
Product order 000001000301

Annealing Furnace

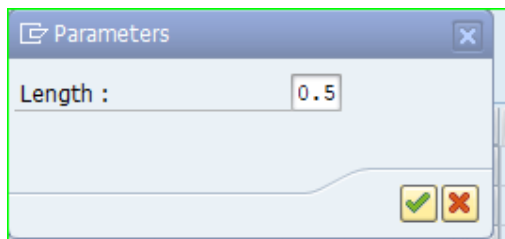
Batch	Piece	Flag	Status
A1704002AA	1.000		
A1705001AA	1.000		

Rejected & under blocked stock.

Now select the pipe and press  option.



Here in above screen put the length of pipes in cut after rework process. Put the length of cut pcs 0.05 meter.



Click on Ok. Then Refresh the Chain 

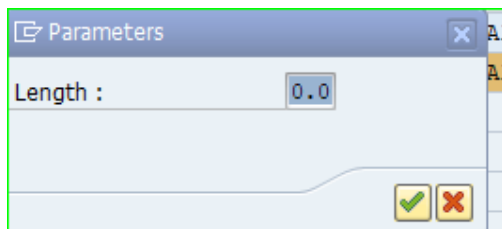
Product order 000001000301			
Annealing Furnace			
Batch	Piece	Flag	Status
A1704002AB	1.000		○○■

Here the batch is transferred from 6.0 mtr to 5.5 mtr pipe after rework with ready to move in next stage with green indicator.

A1704002AA → A1704002AB

Case 2

Some pipes reworked with normal physical activities like hammering, patch up, denting & painting. In such cases use



Zero mtr cut means without cut.

Then Refresh 

A1705001AA	○○○	→	A1705001AA	1.000	○○■
------------	-----	---	------------	-------	-----

5.4. Scrap

Already we will have the rejected pipes in blocked stock and we have to scrap into remelt or scrapping code.

Now suppose these 2 pipes will move into rejection.

A2001001AA	1.000	
A2001002AA	1.000	

Just select it and click on Reject Quality

Characs. for Several Inspection Lots, Across All Operations				
Control charts STI evaluations				
Inspection Lot		40000002793	40000002794	
Material		DCZ700K7	DCZ700K7	
Batch		A2001001AA	A2001002AA	
Save				
Operation	Characteristic	Specs	Result	Result
0010	Dia Internal (DI)	119.500 - 121.500	122	125
0010	Dia External	115.200 - 119.000	114	113.000
0010	Visual Defect for DIP	DIVISDFT	BEND BEND	BEND BEND

Now save and or Shift+F3

Again exit

DIP Production: Worklist for Inspection Lots				
Inspection Lot Defects Defects Usage				
P	Inspection Lot	System Status	OpAc	Short Text
✓	40000002793	REL CALC SPRQ	0010	
✓	40000002794	REL CALC SPRQ	0010	



Then u will move on ZPPDI01 screen



refresh it & See.

Product order 000001000334
Centrifugal Casting Machine

Batch	Piece	Flag	Status
A2001002AB	1.000		○○■
A2001004AA	1.000		○○■
A2001003AA	1.000		○▲○
A2001001AA	1.000		●○○
A2001001AB	1.000		●○○
A2001002AA	1.000		●○○

Now 2 pipes were directly rejected.

Now check Scrap Stock->53.707 Ton,

Stock Overview: Basic List

Material: DCZFS00003
DI RUNNER SCRAP
Material Type: ZFER
Unit of Measure: TO
ESL-Finished Produ
Base Unit of Measure: TO

Stock Overview

Client/Company Code/Plant/Storage Location/Batch/Special Stock | Del. Flag | Unrestricted use | Qua

Full	X	53.707	
1000 Electrosteel Steels Ltd.		53.707	
3000 DIP Unit-SBU	X	53.707	
DMZO Melt Zone Outpu	X	53.707	

Click on ZPPDI01 Scrap and see the stock of two pipes wt will be added in this scrap.

Scrap

Now See stock increased

Selection

Material DI RUNNER SCRAP

Material Type ZFER ESL-Finished Produ

Unit of Measure Base Unit of Measure TO

Stock Overview

.....

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Del. Flag	Unrestricted use	Qual. i
Full	X	55.593	
1000 Electrosteel Steels Ltd.		55.593	
3000 DIP Unit-SBU	X	55.593	
DMZO Melt Zone Outpu	X	55.593	

Here the stock has been increased and pipes from Production screen after refresh removed from that screen.

6. Stock Transfer Posting - ZMB1B_UPLD1

6.1. Blocked to unrestricted stock 343.

ZMB1B_UPLD1 is not valid for stock transfer through mvt type 343 from block to unrestricted pipes stock (in pcs).

Alternate solution has been defined through rework process refer to 5.3

Through STANDARD- MIGO (Not authorized to use it).

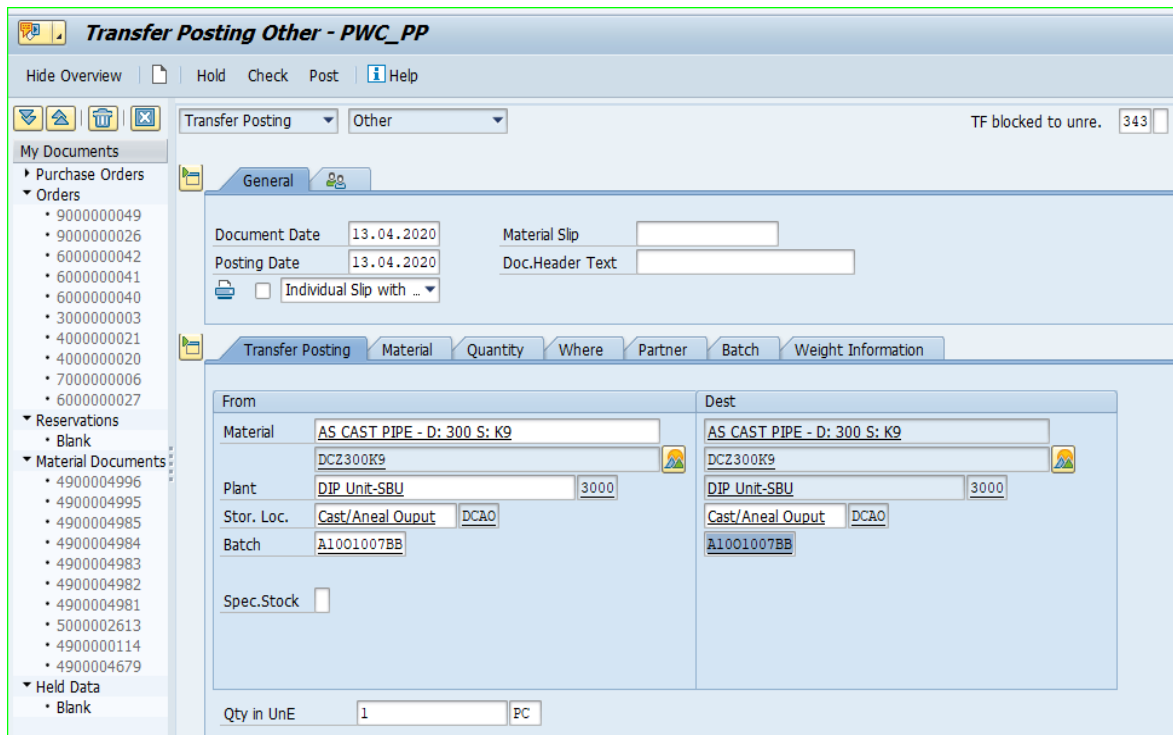
Check the stock, if present in block stock and based on some reference (mails/approval/policies) to move that stock in unrestricted stock then run T code MIGO

Use option from dropdown → Transfer posting → check mvt type → 343.

The screenshot displays the SAP 'Transfer Posting Other - PWC_PP' window. The 'General' tab is active, showing the following fields: Document Date (13.04.2020), Posting Date (13.04.2020), Material Slip, and Doc.Header Text. Below this, the 'Transfer Posting' tab is active, with sub-tabs for 'Material', 'Quantity', and 'Where'. The 'Material' sub-tab is selected, showing the 'From' and 'Dest' sections. The 'From' section includes fields for Material, Plant, Stor. Loc., and Spec.Stock. The 'Dest' section includes fields for Material, Plant, Stor. Loc., and Spec.Stock. At the bottom, there is a 'Qty in UnE' field. The left sidebar shows a tree view with 'My Documents' expanded to 'Purchase Orders' and 'Orders'.

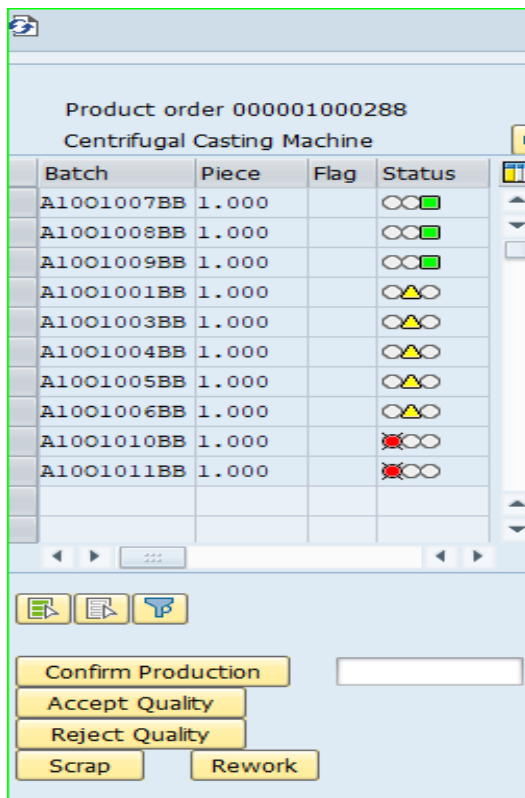
Fill the data of Source (From) & Destination (Dest.). & change the mvt type 343.

Fill all data as shown in below screen.



Post the entries one by one with change batches.

After that refresh chain F8.



Here we can see the block stock batches moved to unrestricted stock with green indicator.

Now you can move the stock to next stage for declare production of annealed pipes.

6.2. Plant to Plant Transfer – 301

Transfer Hot Metal from Plant 1000 (Iron Zone) to 3000 (DIP).

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Q
1000000001	10.000	
BFF3 SF Sloc for BF3	717.479	
A010569BF3	117.129	
A010570BF3	112.153	
A010571BF3	79.413	
A010572BF3	49.905	
A010573BF3	108.254	
A010574BF3	47.483	
A010575BF3	105.912	
A010576BF3	97.230	
2000 Steel Unit-SBU	323.163	
SMSR SMS RAW MATERIAL	323.163	
3000 DIP Unit-SBU	22.814	
DIRM RM For DI Plant	22.814	

Now data has been captured in standard format with mvt type 301

	A	B	C	D	E	F	G	H	I	J	K
1	MATERIAL	PLANT	STGE_LOC	BATCH	MOVE_TYPE	Quantity	Unit of Measure	MOVE_MAT	MOVE_PLANT	MOVE_STLOC	MOVE_BATCH
2	30100022220000	1000	BFF3	A010576BF3	301	97.23		30100022220000	3000	DIRM	A010576BF3
3											

Batch Transfer Upload

File Path: C:\Users\100891\Desktop\Template transfer posting 30...

Begin Row: 2

End Row: 2

Mode: A

Now execute the uploaded file - F8

Then you will be able to see stock transferred in your mmbe screen with allocated storage location.

6.3. Stock Overview– ZDI_STOCK_POSN

Stock can be seen through many ways mb5b/mb52/mmbe

But here one more screen has been developed for DIP is ZDI_STOCK_POSN

For see the stock through this we have to update the weight of pipes in MAT GRADE table.

Report for DI Pipe Stock position in Weight Length and Piece

Material

Plant 3000

Storage Location

Batch

Material Group

Material Stock

Batch Stock

We can get the Stock status in Two Ways as per requirements.

- Material Stock
- Batch Stock

Give the following inputs

Report for DI Pipe Stock position in Weight Length and Piece

Material D100K7

Plant 3000

Storage Location

Batch

Material Group

Material Stock

Batch Stock

Run or press F8.

Then get the

Report for DI Pipe Stock position in Weight Length and Piece

Material	Description	Location	Unrestricted(Pc)	Unrestricted(To)	Unrestricted(Mtr)	Quality(Pc)	Quality(To)	Quality(Mtr)	Blocked(Pc)	Blocked(To)	Blocked(Mtr)
D100K7	DI 100DN K7 SOCKET & SPIGO...	DIFN	5,149.980	387.930	28,256.120	7.000	0.522	38.000	0.000	0.000	0.000

Now compare the stock w.r.t mmbe stock.

Stock Overview: Basic List

DI 100DN K7 SOCKET & SPIGOT PIPE

Material Type: ZFER ESL-Finished Produ

Unit of Measure: M Base Unit of Measure: M

Stock Overview

Client/Company Code/Plant/Storage Location/Batch/Special Stock	Unrestricted use	Qual. inspection	Re
Full	28,256.120	38.000	
1000 Electrosteel Steels Ltd.	28,256.120	38.000	
3000 DIP Unit-SBU	28,256.120	38.000	
DIFN DIP Finishing	28,256.120	38.000	
• A02MABB00A	9,026.120		
• A02NAAB001	9,082.000	18.000	
• A02NACB001	9,976.000	20.000	
• TEST270220	172.000		

You can see the fig.

The stocks are matched.

7. Production & Consumption Booking

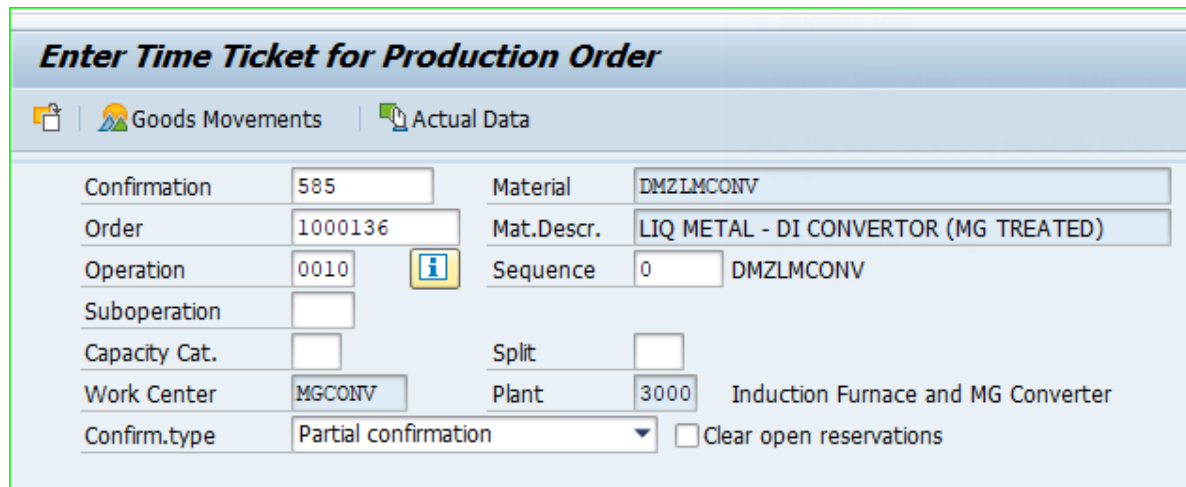
7.1 Stage 1 – DMZLMCONV

Here we can see the stage where we have to book consumption for shown BOM Items.

The T code through which we have to book the consumption is CO11n

MG Treated liquid metal converter – DMZLMCONV

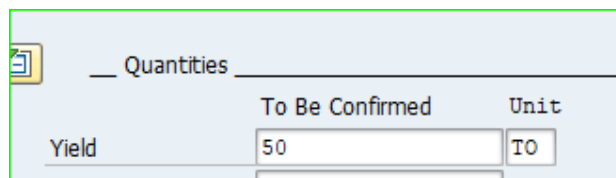
Now give the production order no 1000036 in Order field and press enter.



The screenshot shows the 'Enter Time Ticket for Production Order' dialog box. It contains the following fields and values:

Confirmation	585	Material	DMZLMCONV
Order	1000136	Mat.Descr.	LIQ METAL - DI CONVERTOR (MG TREATED)
Operation	0010	Sequence	0 DMZLMCONV
Suboperation			
Capacity Cat.		Split	
Work Center	MGCONV	Plant	3000 Induction Furnace and MG Converter
Confirm.type	Partial confirmation	<input type="checkbox"/>	Clear open reservations

Then give the production fig over here also. This has to follow for all stages.



The screenshot shows the 'Quantities' dialog box with the following data:

	To Be Confirmed	Unit
Yield	50	TO

Now click on  Goods Movements .

Activity will be updated on Mg treated stage.

Enter Confirmation for Production Order: Goods Movements

Order: 1000136 Status: REL

Material: DMZLMCONV LIQ METAL - DI CONVERTOR (MG TREATED)

Activity: 0010 Sequence: 0 DMZLMCONV

Confirmation: 585 Plant: 3000 Work center: MGCONV

Batch Determination Stock Determination Entry 1/ 17(1)

Goods Movements Overview

Material	Description	Quantity	U...	Plant	St...	Batch	Valuation ...	D...	M...	S...
DMZLMCONV	LIQ METAL - DI CONVERTOR (MG TREA...		TO	3000	dirm			S	101	
30100022220000	HOT METAL		TO	3000	DIRM			H	261	
30200022220000	PIG IRON - ESL B		TO	3000	DIRM			H	261	
501000000000006	TMT Cutting		TO	3000	DIRM			H	261	
MTX111915030003	SILICON TECH;FERRO SIZED;FOR DIP		TO	3000	DIRM			H	261	
MCV302656020001	MTL;HGH CRBN FE Mn		TO	3000	DIRM			H	261	
DCZRM00001	DI REMELTS		TO	3000	dirm			H	261	
MCV302619000001	MTL;MAGNESIUM INGOT		TO	3000	DIRM			H	261	
MFL151215030015	OIL,LUB		L	3000	DIRM			H	261	
206200000000002	Power Cons		M...	3000	CMND			H	261	
206000000000005	Drinking Water (WTP)		M3	3000	CMND			H	261	
206000000000003	Industrial Water (WTP)		M3	3000	CMND			H	261	

you will get the production & consumption booking screen, give the input qty / Batch (if exist) / check for mvt tpe/ storage location. If any material seems missing in this list then simply you have option to give input in last row and update all required fields and confirm the entry through save option in same order.



Suppose in case you have to insert too many fields for consume any material like Hot metal in that case you may add mat code and other input enabled filed the press enter.

Order: 1000136 Status: REL

Material: DMZLMCONV LIQ METAL - DI CONVERTOR (MG TREATED)

Activity: 0010 Sequence: 0 DMZLMCONV

Confirmation: 585 Plant: 3000 Work center: MGCONV

Batch Determination Stock Determination Entry 17/ 22(22)

Goods Movements Overview

Material	Description	Quantity	U...	Plant	St...	Batch	Valuation ...	D...	M...	S...	Compltd	D...	Date of M...	SLED/B
DMZFS00001	DI MELTING ZONE FERROUS SCRAP		TO	3000	DMZO			S	531		<input type="checkbox"/>	<input type="checkbox"/>		
30100022220000	HOT METAL		TO	3000				H	261		<input type="checkbox"/>	<input type="checkbox"/>		
30100022220000	HOT METAL		TO	3000				H	261		<input type="checkbox"/>	<input type="checkbox"/>		
30100022220000	HOT METAL		TO	3000				H	261		<input type="checkbox"/>	<input type="checkbox"/>		
30100022220000	HOT METAL		TO	3000				H	261		<input type="checkbox"/>	<input type="checkbox"/>		
30100022220000	HOT METAL		TO	3000				H	261		<input type="checkbox"/>	<input type="checkbox"/>		

For selection of items or deletion of some item you may use icons with selected items.

7.2 Stage 2 – As Cast

Open Co11n and give the order no.

co11n

Enter Time Ticket for Production Order

Goods Movements | Actual Data

Confirmation	576	Material	DCZ400K7
Order	1000130	Mat.Descr.	AS CAST PIPE - D: 400 S: K7
Operation	0010	Sequence	0 DCZ400K7
Suboperation			
Capacity Cat.		Split	
Work Center	DIP CCM1	Plant	3000 DIP CCM1
Confirm.type	Partial confirmation	<input type="checkbox"/> Clear open reservations	

___ Quantities ___

	To Be Confirmed	Unit
Yield		
Scrap		

Put the Actual production of As cast pcs in yield field.

___ Quantities ___

	To Be Confirmed	Unit
Yield	50	PC
Scrap		

Then move for

Press 

Then you will get the consumption booking screen now give the input qty / Batch (if exist) / check for mvt tpe/ storage location. If any material seems missing in this list then simply you have option to give input in last row and update all required fields and confirm the entry through save option.



Enter Confirmation for Production Order: Goods Movements

Order: 1000130 Status: PCNF MILE PRT REL
 Material: DCZ400K7 AS CAST PIPE - D: 400 S: K7
 Activity: 0010 Sequence: 0 DCZ400K7
 Confirmation: 576 Plant: 3000 Work center: DIP CCM1

Batch Determination Stock Determination Entry 1/ 13(13)

Goods Movements Overview

Material	Description	Quantity	U...	Plant	St...	Batch	Valuation ...	D...	M...	S...	Ve
DCZ400K7	AS CAST PIPE - D: 400 S: K7		PC	3000				S	101		
DM2LMCONV	LIQ METAL - DI CONVERTOR (MG TREA...		TO	3000	DM20			H	261		
MCF311320000001	PWDR;FERROSILICON (MOLD),F/DIP		TO	3000	DIRM			H	261		
MCF311320000002	PWDR;FERROSILICON INOCULATION,F/...		TO	3000	DIRM			H	261		
MGS131110370002	CMPD COATG		TO	3000	DIRM			H	261		
MFL151215030015	OIL,LUB		L	3000	DIRM			H	261		
MCF313712100013	CSTBL MIX RFRCTRY;HGH ALMNA,M:WH...		TO	3000	DIRM			H	261		
MFL151016050005	CHRCL;LMP,1-6IN		KG	3000	DIRM			H	261		
MCV301022000769	PLATE;SKIMR		EA	3000	DIRM			H	261		
MPM231315010028	CMPD;F/DI PLNT		TO	3000	DIRM			H	261		
MCV301036000039	MLD;PIPE (MTRL: DI,SZ: DN 400 X 6 M		EA	3000	DI08			H	261		
DCZFS00001	DI CASTING ZONE FERROUS SCRAP		TO	3000	DCAO			S	531		

NOTE: - No need to book Production of Pipes as Automatic posting will be done through ZPPDI01.

Mould Consumption:

Mould consumption shall be done through Bill of Material CO11N and Unit of measurement has been maintained with LIF (Life). We have to book the consumption fig. same as the no. of pipes produced that number of Life has to consume.

Enter Confirmation for Production Order: Goods Movements

Order: 1000352 Status: PCNF MILE PRT REL
 Material: DCZ700K7 AS CAST PIPE - D: 700 S: K7
 Activity: 0010 Sequence: 0
 Confirmation: 4036 Plant: 3000 Work center: CCM01

Batch Determination Stock Determination Entry 1/ 1(1)

Goods Movements Overview

Material	Quantity	U...	Plant	St...	Batch	Valuation ...	D...	M...	S...	Vendor	Customer	Compltd
MCV001400005187		LIF	3000				H	261				<input type="checkbox"/>

Let us suppose as cast pipes produced 100pcs (including all rejection/ FCP). Then the mould life will be consumed 100 LIF (LIFE). Batch of Mould shall be provided in existing mat code & during book the consumption we have to consider it.

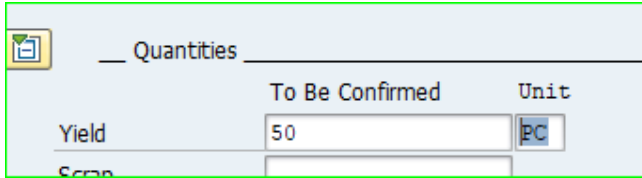
If the present LIF ended but still mould is under use and giving extra LIF in that case, we do not have to book mould consumption. No mould booking will take place for the extra produced pipe (over the defined life).

If mould life will be over early as compared to defined life in that case, the consumption shall be booked for all present LIF in that case the all remain LIF shall be booked on single day produced pipe.

7.3 Stage 3 – Annealing

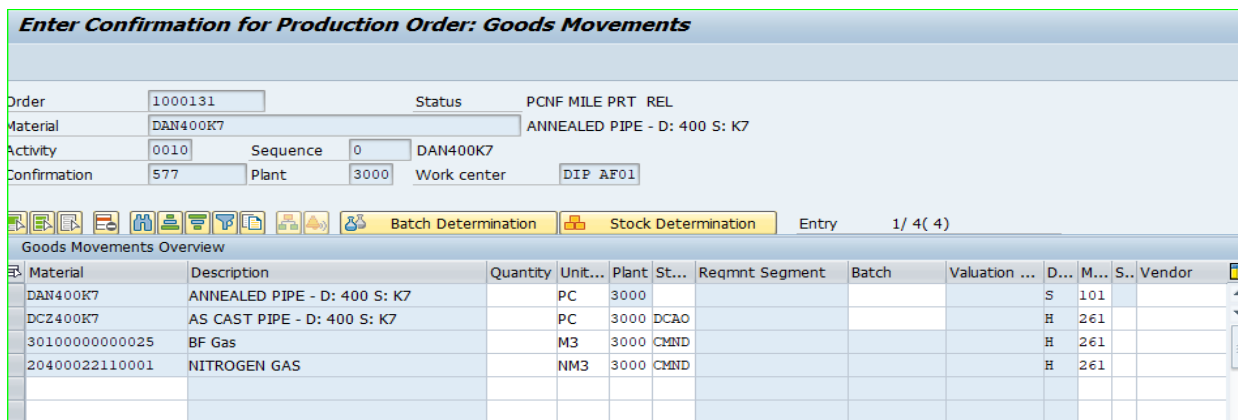
Open Co11n Screen then put order then

Put the Actual production of Annealed pipe in yield field.



	To Be Confirmed	Unit
Yield	50	PC

Then move for goods movement.



Order: 1000131 Status: PCNF MILE PRT REL
Material: DAN400K7 ANNEALED PIPE - D: 400 S: K7
Activity: 0010 Sequence: 0 DAN400K7
Confirmation: 577 Plant: 3000 Work center: DIP AF01

Batch Determination Stock Determination Entry 1/ 4(4)

Material	Description	Quantity	Unit...	Plant	St...	Reqmnt Segment	Batch	Valuation ...	D...	M...	S...	Vendor
DAN400K7	ANNEALED PIPE - D: 400 S: K7		PC	3000					S	101		
DC2400K7	AS CAST PIPE - D: 400 S: K7		PC	3000	DCAO				H	261		
30100000000025	BF Gas		M3	3000	CMND				H	261		
20400022110001	NITROGEN GAS		NM3	3000	CMND				H	261		

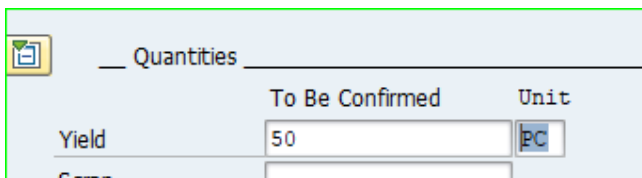
In same manner as mentioned above in 7.2 post the entry.

NOTE: - No need to book Production & consumption of Pipes as Automatic posting will be done through ZPPDI01.

7.4 Stage 4 – Zinc & HPTM

Open Co11n Screen then put order then press enter.

Put the Actual production of Zn & HPTM pipes pcs in yield field.



	To Be Confirmed	Unit
Yield	50	PC

Then move for goods movement.

Enter Confirmation for Production Order: Goods Movements

Order: 1000132 Status: PRT REL
 Material: DZH400K7 Zn and HPTM PIPE - D: 400 S: K7
 Activity: 0010 Sequence: 0 DZH400K7
 Confirmation: 578 Plant: 3000 Work center: DI ZNHP1

Batch Determination Stock Determination Entry 1/ 10(10)

Goods Movements Overview

Material	Description	Quantity	U...	Plant	St...	Batch	Valuation ...	D...	M...	S..	Vendor	Customer
DZH400K7	Zn and HPTM PIPE - D: 400 S: K7		PC	3000				S	101			
DAN400K7	ANNEALED PIPE - D: 400 S: K7		PC	3000	DCAI			H	261			
MRW311518000015	WIRE;3.15MM,ZN,SCKT SPRAYG,DI,CNS...		KG	3000	DIRM			H	261			
MRW311518000016	WIRE;4.5MM,ZN,SCKT SPRAYG,DIP,DI,C...		KG	3000	DIRM			H	261			
DFZZD000001	DI ZINC DUST		TO	3000	DCAO			S	531			
DFZZD000002	DI zinc dust -Mixed with sand		TO	3000	DCAO			H	261			
DFZZD000003	DI zinc dust light		TO	3000	DCAO			H	261			
DFZZD000004	DI Zinc wire end cuts		TO	3000	DCAO			H	261			
MAG312115180016	COATG ANTI RUST;BRWN,F/DI		L	3000	DIRM			H	261			
MAG312115180015	COATG ANTI RUST;PALE CREAMIC,F/DI		L	3000	DIRM			H	261			

In same manner as discussed in stage 7.2 post the entry.

NOTE: - No need to book Production & consumption of Pipes as Automatic posting will be done through ZPPDI01.

7.5 Stage 5 – Cement lining

Open Co11n Screen then put order then press enter.

Put the Actual production of CML pipes pcs in yield field.

Quantities

	To Be Confirmed	Unit
Yield	50	PC
Scrap		

Then move for goods movement.

Enter Confirmation for Production Order: Goods Movements

Order: 1000133 Status: PRT REL
 Material: DCML400K7 CEMENT LINED PIPE - D: 400 S: K7
 Activity: 0010 Sequence: 0 DCML400K7
 Confirmation: 579 Plant: 3000 Work center: DI CML01

Batch Determination Stock Determination Entry 1/ 7(7)

Goods Movements Overview

Material	Description	Quantity	U...	Plant	St...	Batch	Valuation ...	D...	M...	S...
DCML400K7	CEMENT LINED PIPE - D: 400 S: K7		PC	3000				S	101	
DZH400K7	Zn and HPTM PIPE - D: 400 S: K7		PC	3000	ZNHP			H	261	
MCV301116010012	CMNT;HGH ALMNA		TO	3000	DIRM			H	261	
MTX111017010003	SLAG;BLST FRNCE,CMNT DIP- BULKR		TO	3000	DIRM			H	261	
MCV301116010014	CMNT;SLPHTE RSSTNT,F/DIP		TO	3000	DIRM			H	261	
MFL151215300003	CMNT;ORDNRY PORTLAND,50KG,GR: 53		TO	3000	DIRM			H	261	
MTX111117000002	SAND;DRY SLCA,F/DIP		TO	3000	DIRM			H	261	

In same manner as discussed in stage 7.2 post the entry.

NOTE: - No need to book Production & consumption of Pipes as Automatic posting will be done through ZPPDI01.

7.6 Stage 6 – Curing & Pre heating

Open Co11n Screen then put order then press enter.

Put the Actual production of curing & pre heated pipes pcs in yield field.

___ Quantities ___

	To Be Confirmed	Unit
Yield	50	PC
Scrap		

Then move for goods movement.

Enter Confirmation for Production Order: Goods Movements

Order: 1000134 Status: PRT REL
 Material: DCPR400K7 CURING & PREHEAT PIPE - D: 400 S: K7
 Activity: 0010 Sequence: 0 DCPR400K7
 Confirmation: 580 Plant: 3000 Work center: DI CUPR1

Batch Determination Stock Determination Entry 1/ 4(4)

Goods Movements Overview

Material	Description	Quantity	U...	Plant	St...	Batch	Valuation ...	D...	M...	S...	Vendc
DCPR400K7	CURING & PREHEAT PIPE - D: 400 S: K7		PC	3000				S	101		
DCML400K7	CEMENT LINED PIPE - D: 400 S: K7		PC	3000	CMLP			H	261		
400000000000037	LP steam		TO	3000	CMND			H	261		
MFL151215030015	OIL,LUB		L	3000	DIRM			H	261		

In same manner as discussed in stage 7.2 post the entry.

NOTE: - No need to book Production & consumption of Pipes as Automatic posting will be done through ZPPDI01.

7.7 Stage 7 – Bitumen Coating

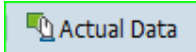
Note: - In this stage you have to capture the activity prices and for that purpose follow the instructions as given below.


Put the order no & press enter.

Enter Time Ticket for Production Order

Goods Movements Actual Data









Confirmation: 581 Material: D400K7
 Order: 1000135 Mat.Descr.: DI 400DN K7 SOCKET & SPIGOT PIPE
 Operation: 0010 Sequence: 0 D400K7
 Suboperation: Split:
 Capacity Cat.: Plant: 3000 DI BITUMEN COATING
 Work Center: DI BCM01 Confirm.type: Partial confirmation Clear open reservations

After getting above screen details press  then you will get the Order balance qty. fig over yield and activities mapped here.

Now press  **Goods Movements** and we will get the below screen for booking consumption of raw materials & consumables.

Enter Confirmation for Production Order: Goods Movements

Order: 1000135 Status: PRT REL
 Material: D400K7 DI 400DN K7 SOCKET & SPIGOT PIPE
 Activity: 0010 Sequence: 0 D400K7
 Confirmation: 581 Plant: 3000 Work center: DI BCM01









 Entry 1/ 11(11)

Goods Movements Overview

Material	Description	Quantity	U...	Plant	St...	Batch	Valuation ...	D...	M... S
D400K7	DI 400DN K7 SOCKET & SPIGOT PIPE		M	3000	DIFN			S	101
DCPR400K7	CURING & PREHEAT PIPE - D: 400 S: K7		PC	3000	CUPR			H	261
MAG312016000013	ADHSV;BTMEN SOLUTN,DIP		L	3000	DIRM			H	261
MAG312016000012	ADHSV;DRYNG TO TCH,DRYNG TO REC...		KG	3000	DIRM			H	261
MCV301115000001	CMPD;LATEX SINGLE SHOT, DI CONSU...		KG	3000	DIRM			H	261
MAG312115000054	PAINT;ZN RICH PRMR,GRY,MATT		L	3000	DIRM			H	261
MAG312115000058	PAINT;HGH GLOSS,WHT		L	3000	DIRM			H	261
MAG312118030023	THNR		L	3000	DIRM			H	261
MFL151215030042	OIL,LUB;TURPENTINE		L	3000	DIRM			H	261
MAG312115000056	PAINT;BTMEN,RED-BRWN/DI		L	3000	DIRM			H	261
20620000000002	Power Cons		M...	3000	CMND			H	261

In same manner as discussed in stage 7.2 post the entry.

NOTE: - No need to book Production of Pipes as Automatic posting will be done through ZPPDI01.

7.8 Stage 8 – DI Sand Core

Enter Confirmation for Production Order: Goods Movements

Order: 1000138 Status: PRT REL
 Material: SCDN400 SAND CORE, DN400 F/DIP
 Activity: 0010 Sequence: 0 SCDN400
 Confirmation: 587 Plant: 3000 Work center: DI_CORE

Batch Determination Stock Determination Entry 1/ 7(7)

Goods Movements Overview

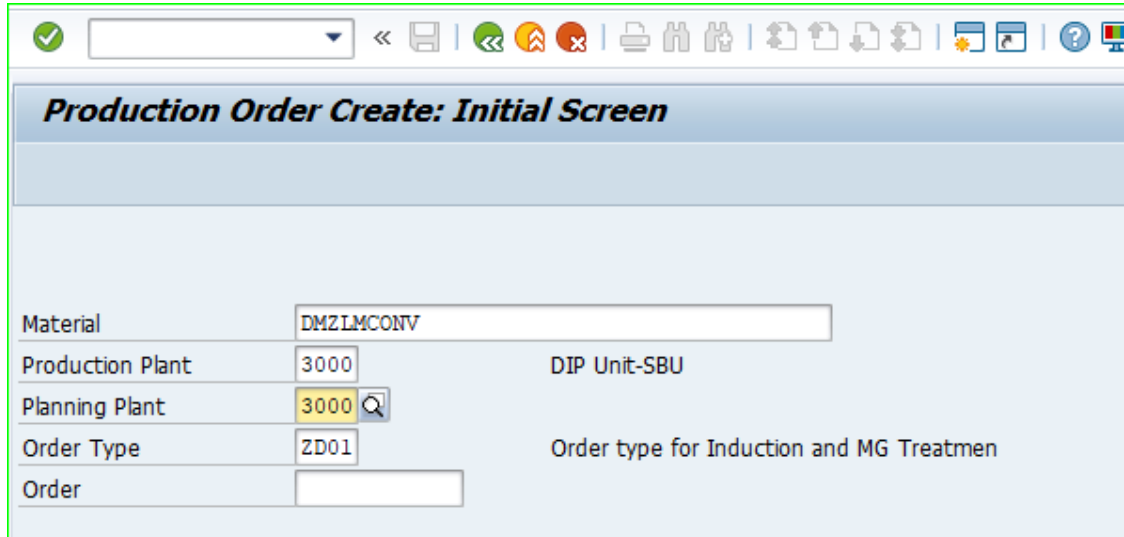
Material	Description	Quantity	U...	Plant	St...	Batch	Valuation ...	D...	M...	S...	Vend
SCDN400	SAND CORE, DN400 F/DIP		PC	3000	DCOR			S	101		
MPM231617010001	SAND; F/DI PLNT, MKNG CORE		KG	3000	DIRM			H	261		
MGS131110000029	RESIN; SAND CORE; F/DI PLANT		KG	3000	DIRM			H	261		
MCF311016180001	HRDNR; SAND CORE, F/DI PLNT		KG	3000	DIRM			H	261		
MCE123523000202	CHEM; TRIETHLAMN, F/DI PLNT CORE MK..		KG	3000	DIRM			H	261		
MAG312115000059	PAINT; SAND CORE, DI PLNT		KG	3000	DIRM			H	261		
MAG312118030019	THNR PAINT; GRPHT		KG	3000	DIRM			H	261		

In same manner as discussed in stage 7.2 post the entry.

Here production of core shall be done through this and consumption of raw materials need to book. Core Consumption shall be done through AS CAST stage. During production of As cast pipes, core shall be booked with mvt 261.

8. Creation of Production Order

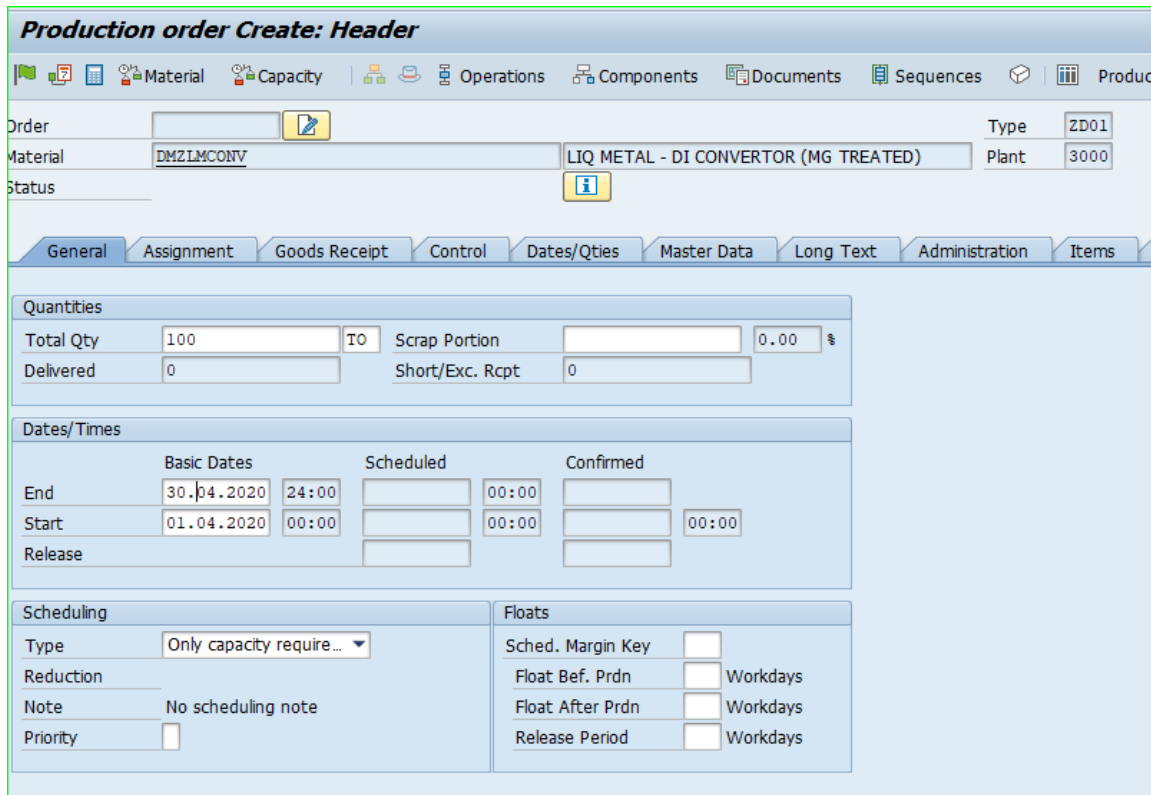
Give input in material – material code of BOM header, production plant, planning plant, order type.



The screenshot shows the 'Production Order Create: Initial Screen' in SAP. The interface includes a toolbar at the top with various icons. Below the title bar, there are several input fields for defining the production order:

Material	DMZLMCONV	
Production Plant	3000	DIP Unit-SBU
Planning Plant	3000	
Order Type	ZD01	Order type for Induction and MG Treatment
Order		

Put the Order Qty and start & end date.



The screenshot shows the 'Production Order Create: Header' screen in SAP. The interface includes a toolbar at the top with various icons. Below the title bar, there are several input fields for defining the production order header:

Order		Type	ZD01
Material	DMZLMCONV	LIQ METAL - DI CONVERTOR (MG TREATED)	Plant 3000
Status			

The 'Quantities' section includes:

Total Qty	100	TO	Scrap Portion		0.00 %
Delivered	0		Short/Exc. Rcpt	0	

The 'Dates/Times' section includes:

	Basic Dates	Scheduled	Confirmed
End	30.04.2020 24:00		00:00
Start	01.04.2020 00:00		00:00 00:00
Release			

The 'Scheduling' section includes:

Type	Only capacity require...
Reduction	
Note	No scheduling note
Priority	


The 'Floats' section includes:

Sched. Margin Key	
Float Bef. Prdn	Workdays
Float After Prdn	Workdays
Release Period	Workdays

Save it and will get the order no

Order number 1000136 saved

Message no. CO100

Now release the production order through CO02 then release  & save it.

Now you can give production & Consumption in respective created orders through MIGO – Goods Issue/Goods Receipt (if your process mapped) otherwise use co11n –confirmation screen.

8.1. Order Type for all stages

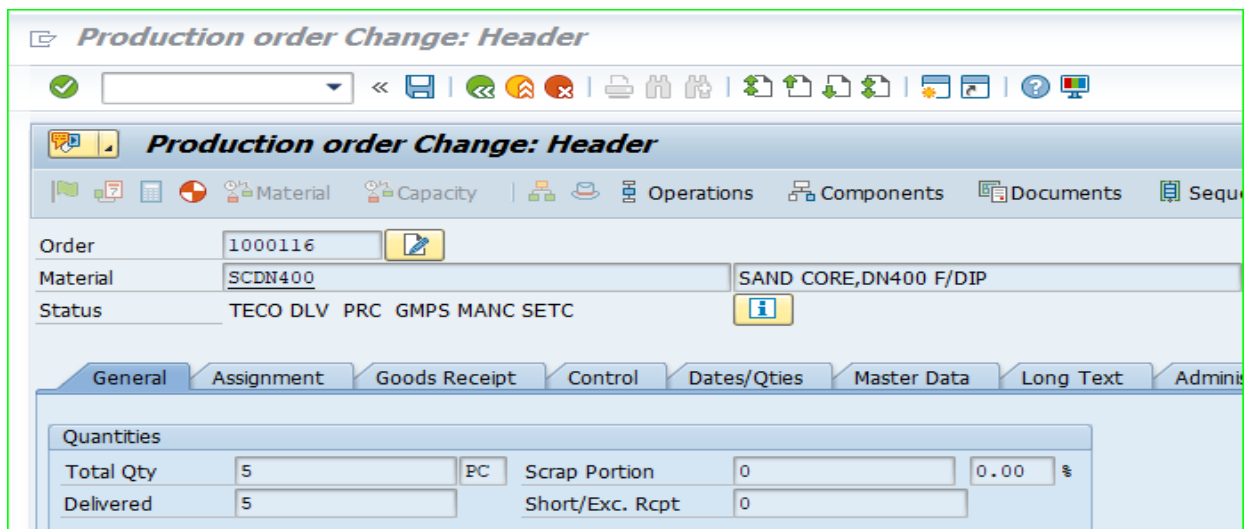
Plnt	Type	Name
3000	ZD01	Order type for Induction and MG Treatment
3000	ZD02	Order Type for AsCast
3000	ZD03	Order type for Annealing
3000	ZD04	Order type for Zinc and HPTM
3000	ZD05	Order Type for CML
3000	ZD06	Order Type for Curing and Preheating
3000	ZD07	Order Type for Bitumen Coating
3000	ZD08	Order Type for Core Production
3000	ZD09	Order Type for Auxiliary
3000	ZDR1	Order Type for Rework DI Zone

Based on requirement during creation of Order as per defined stages

8.2. TECO

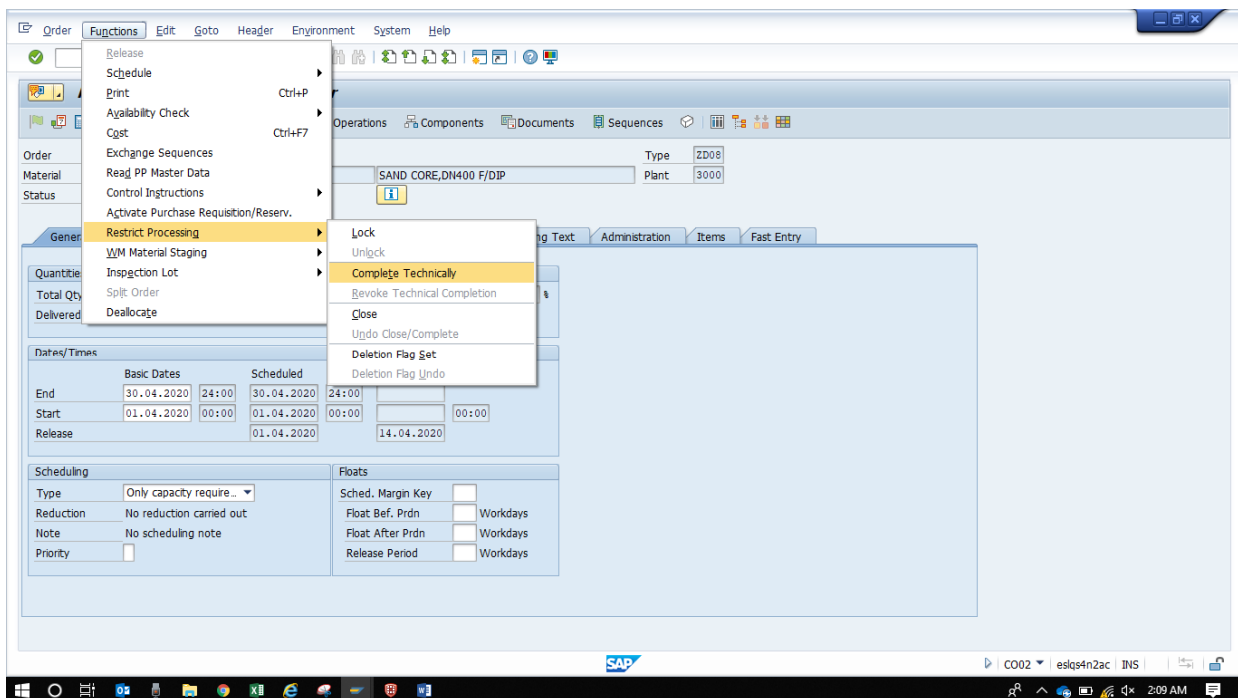
How to complete the orders technically at end of month?

Open the Order in CO02



The screenshot shows the SAP 'Production order Change: Header' screen. The 'Order' field contains '1000116' and the 'Material' field contains 'SCDN400'. The status is 'TECO DLV PRC GMPS MANC SETC'. The 'Quantities' section shows 'Total Qty' as 5 and 'Delivered' as 5. The 'Scrap Portion' is 0 and 'Short/Exc. Rcpt' is 0.

Restrict the Order Qty up to delivered qty.



Then go to function tab -> Restrict Processing-> Complete Technically -> Click & Save it.

After TECO no one can post any entry in the given orders. This helps in correct costing run.

Note: - If in any case need to revoke the TECO then you have to go in same manner

Open order no through Co02 → function tab -> Restrict Processing-> Revoke Technically Completion -> Click & Save it.

9. Cancellation of Entry

9.1. Through MIGO

This is restricted to users and have rights to limited specific users as per policies/ guidelines of company.

In case if any entries found wrongly posted in system then in that case.

Run mb51 to know the exact document nos.

Material Document List

Item Data

Material:

Plant: 3000

Storage location:

Batch:

Vendor:

Customer:

Movement type: 261

Special Stock:

Sales order:

Sales order item:

Header Data

Posting Date: 28.03.2020

User Name:

Trans./Event Type:

Reference:

Display Options

Hierarchy List

Flat List

Layout: /MAT DOC

Here We have to give maximum input whatever we have through that it would be easy to identify the transactions.

If we don't have any idea for input then put run mb51 only with input of Plant.

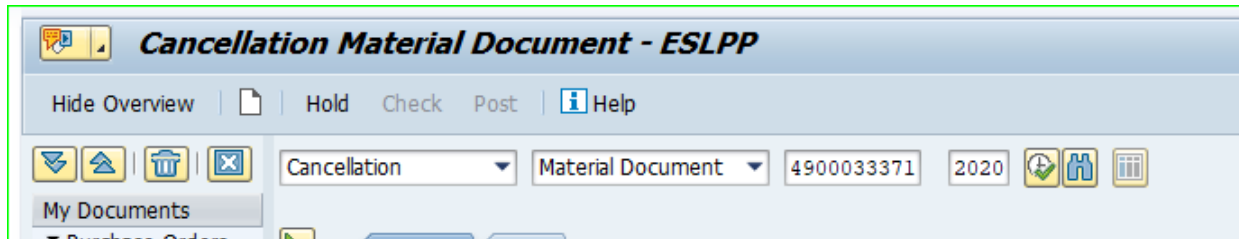
Output Result shown below

Material Document List

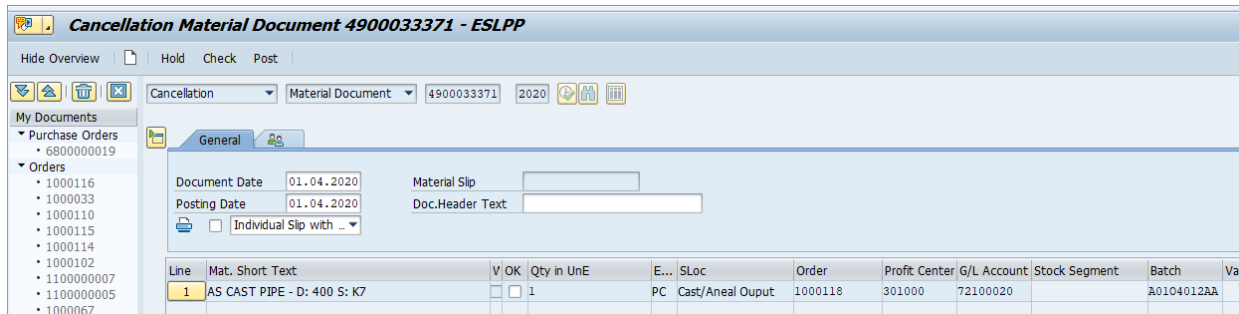
Material	Plant	SLoc	MVT	S	Material Document	Item	Posting Date	Qty in unit of entry	EUn	Val	Type	M	Quantity	Order
DCZ400K7	3000	DCA...	261		4900033440	1	13.04.2020	1	1-		PC		1-	1000131
DCZ400K7	3000	DCA...	261		4900033441	1	13.04.2020	1	1-		PC		1-	
DAN400K7	3000	DCAI	261		4900033383	1	01.04.2020	1	1-		PC		1-	1000119
DCZ400K7	3000	DCA...	261		4900033373	1	01.04.2020	1	1-		PC		1-	1000118
DCZ400K7	3000	DCA...	261		4900033372	1	01.04.2020	1	1-		PC		1-	
DCZ400K7	3000	DCA...	261		4900033374	1	01.04.2020	1	1-		PC		1-	
DCZ400K7	3000	DCA...	261		4900033375	1	01.04.2020	1	1-		PC		1-	
DCZ400K7	3000	DCA...	261		4900033376	1	01.04.2020	1	1-		PC		1-	
DCZ400K7	3000	DCA...	261		4900033377	1	01.04.2020	1	1-		PC		1-	
DCZ400K7	3000	DCA...	261		4900033371	1	01.04.2020	1	1-		PC		1-	
DCZ400K7	3000	DCA...	261		4900033378	1	01.04.2020	1	1-		PC		1-	
DCZ400K7	3000	DCA...	261		4900033370	1	01.04.2020	1	1-		PC		1-	
DCZ400K7	3000	DCA...	261		4900033362	1	01.04.2020	1	1-		PC		1-	

Select any Material Document No. for example 4900033371

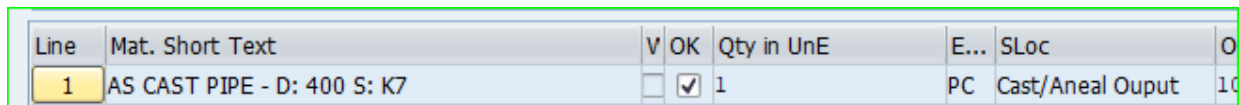
Now open MIGO → Cancellation from drop down → Then put material document no → press Entre.



You will get posting details.



Now put tick in box of field.



Post it **Hold Check Post** then posted document will be created and can be seen below left side corner. Material document 4900033464 posted

9.2. Through CO11n

(if MIGO restricted for the process)

In case of restriction of MIGO – Cancellation – Document No. You may move through CO13 for posted document through confirmation process CO11n.

1st Check the documents no. through COOIS for posted entries.

Check via order nos. & Confirmation nos.

Production Order Information System

<<

Production Order Information System

List:

Layout: Standard Layout

Production Orders
 Planned Orders

Selection

Select. at Header Level

Production Order	<input type="text" value="1000138"/>	to	<input type="text"/>	
Material	<input type="text"/>	to	<input type="text"/>	
Production Plant	<input type="text"/>	to	<input type="text"/>	
Planning Plant	<input type="text"/>	to	<input type="text"/>	
Order Type	<input type="text"/>	to	<input type="text"/>	
MRP Controller	<input type="text"/>	to	<input type="text"/>	
Production Supervisor	<input type="text"/>	to	<input type="text"/>	
Production Version	<input type="text"/>	to	<input type="text"/>	
Sold-To Party	<input type="text"/>	to	<input type="text"/>	
Sales Order	<input type="text"/>	to	<input type="text"/>	
Sales Order Item	<input type="text"/>	to	<input type="text"/>	
WBS Element	<input type="text"/>	to	<input type="text"/>	
Sequence Number	<input type="text"/>	to	<input type="text"/>	
Priority	<input type="text"/>	to	<input type="text"/>	
Status Selection Profile	<input type="text"/>			

Run or Press F8.

You will get the details

Order Info System - Confirmations

<<

Order	Confirm.	Yield	Unit	Scrap	Conf. Unit	Conf. text	Procsg. %	Work Ctr	Entered	FinalConf	Milestone	Activity	Subop
1000138	587	0	PC	0	PC			DI_CORE	ESLPP		X	0010	

Select the order no from here.

Open CO13 for cancellation order.

Confirmation

Operation

Order

Sequence

Operation

Suboperation

Individual Capacity

Capacity Cat.

Split Number

Put the order no 1000138 in order filed or Confirmation No in its field and press entre.

Order or Confirmation

Confirmation of Production Order Cancel : Details

| Goods Movements |

Confirmation Order
 Material
 SAND CORE, DN400 F/DIP
 Operation Sequence SCDN400
 Work Center Plant Status
 Suboperation Milestone Progress confirmation

Quantity/Activity | Dates/Times | Personnel/Additional Data | Quantity/Forecast | A.

Confirmation Type
 Partial Confirm. Final Confirm. Clear Reservation

Quantities

	To Be Confirmed	Unit	Confirmed to Date	Planned for Conf.	Unit
Yield	<input type="text" value="0"/>	PC	0		4 PC
Scrap	<input type="text" value="0"/>		0		0
Rework	<input type="text" value="0"/>		0		
Rework (ME)	<input type="text" value="0"/>				
Reason for Var.	<input type="text"/>				

Activities

You will get the data posted.

Now Save it. then screen will auto jump on reason screen.

Change Order confirmation text: Language EN

| | | |

File

SAP

Cut | Advanced Find | Undo | Reset Paragraph Format | ABC | Research | Set Proofing Language | Print
 Copy | Replace | Redo | Reset Character Formatting | Spelling & Grammar | Translate | Word Count | Draft
 Paste | Select | Styles | Thesaurus

Clipboard | Editing | Styles | Proofing | Vi

Reason for Cancellation

You may mention the reasons as you have received through approval mail.

Reason for Cancellation - Wrong Entry posted by unit



Now Click on back option

Then message will be shown to you with confirmation for cancelled.

Confirmation cancelled, goods movement: 7, incorrect: 0

You may see the again through COOIS.

Order	Confirm.	Yield	Unit	Scrap	Conf. Unit	Confirmation text	Procssg. %	Work Ctr	Entered	FinalConf	Milestone	Activity	Subo
1000138	587	0	PC	0	PC			DI_CORE	ESLPP		X	0010	
		0	PC	0	PC	Reason for Cancellation - Wrong Entry p		DI_CORE	ESLPP		X		

9.3. Through ZLTREV

Just after posting the pipes in last stage D400k7 (FG goods).

From 101 → 321→ We have to reverse this lot.

Material	Plant	SLoc	MvT	S	Material Doc.	Item	Posting Date	Qty in unit of entry	EUn	Val. Type	M	Quantity	Order
D400K7	3000	DIFN	101		5000001047	1	18.04.2020	6	M		F	6	1000144
D400K7	3000	DIFN	321		4900033501	1	18.04.2020	6-	M			6-	
D400K7	3000	DIFN	321		4900033501	2	18.04.2020	6	M			6	

Monit...	A	Inspection Lot	Material	Plant	Lot Qty	BUN	LT...	ST...	Start Date	End Date	System Status
<input checked="" type="checkbox"/>		40000002761	DAN700K7	3000	1	PC	2	0	18.04.2020	18.04.2020	LTIN STIC SPCO...
<input type="checkbox"/>		40000002714	DCZ700K7	3000	1	PC	3	0	11.04.2020	11.04.2020	LTIN STIC SPCO...
<input type="checkbox"/>		40000002715	DCZ700K7	3000	1	PC	3	0	11.04.2020	11.04.2020	LTIN STIC SPCO...
<input type="checkbox"/>		40000002716	DCZ700K7	3000	1	PC	3	0	11.04.2020	11.04.2020	LTIN STIC SPCO...

Cancel inspected lot no 40000002761 through T code - zltrev.

Cancel Inspection Lot

PRUEFLOS	40000002657
BUDAT	18.04.2020
BLDAT	18.04.2020

Cancel Inspection Lot

PRUEFLOS	40000002761
BUDAT	20.04.2020
BLDAT	20.04.2020

Stock posting reversed for inspection lot 040000002761

ESD (1) 200 | eslds4n2ac | INS

Reversal Done for the 321 docs with mvt type 322. Now u can cancel the production document no through MIGO or Co11n.

-DIP END-

***Training Manual
of
Iron Zone***

Sinter

To do Production order confirmation, Use T-code **CO11N**

The screenshot shows the SAP CO11N transaction interface. At the top, there is a menu bar with 'Confirmation', 'Edit', 'Goto', 'User Settings', 'Environment', 'System', and 'Help'. Below the menu is a toolbar with various icons. The main title is 'Enter Time Ticket for Production Order'. There are two tabs: 'Goods Movements' and 'Actual Data'. The 'Goods Movements' tab is active. The form contains several input fields: 'Confirmation' (highlighted in yellow), 'Material', 'Order', 'Mat.Descr.', 'Operation', 'Sequence', 'Suboperation', 'Capacity Cat.', 'Split', 'Work Center', 'Plant', and 'Confirm.type' (set to 'Partial confirmation'). There is also a checkbox for 'Clear open reservations'. Below the main form are two sections: '___ Quantities' and '___ Activities'. The 'Quantities' section has a table with columns 'To Be Confirmed' and 'Unit' for 'Yield', 'Scrap', 'Rework', and 'Reason for Var.'. The 'Activities' section has a table with columns 'To Be Confirmed', 'Unit', and 'Finished' for 'Activity 1' through 'Activity 6'. At the bottom, there is a Windows taskbar with the search bar, taskbar icons, and system tray showing the time as 5:18 PM on 4/13/2020.

Confirmation Material
Order Mat.Descr.
Operation Sequence
Suboperation
Capacity Cat. Split
Work Center Plant
Confirm.type Clear open reservations

___ Quantities

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

___ Activities

	To Be Confirmed	Unit	Finished
Activity 1	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 2	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 3	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 4	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 5	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 6	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

Input Order number and hit enter.

The screenshot shows the SAP 'Enter Time Ticket for Production Order' interface. At the top, there is a menu bar with 'Confirmation', 'Edit', 'Goto', 'User Settings', 'Environment', 'System', and 'Help'. Below the menu is a toolbar with various icons. The main title is 'Enter Time Ticket for Production Order'. Underneath, there are tabs for 'Goods Movements' and 'Actual Data'. The main form contains several input fields: 'Confirmation', 'Material', 'Order' (containing '3000000005' and highlighted with a red box), 'Mat.Descr.', 'Operation', 'Sequence', 'Suboperation', 'Capacity Cat.', 'Split', 'Work Center', 'Plant', and 'Confirm.type' (set to 'Partial confirmation'). There is also a checkbox for 'Clear open reservations'. Below the main form are two sections: 'Quantities' and 'Activities'. The 'Quantities' section has a table with columns 'To Be Confirmed' and 'Unit' for 'Yield', 'Scrap', 'Rework', and 'Reason for Var.'. The 'Activities' section has a table with columns 'To Be Confirmed', 'Unit', and 'Finished' for 'Activity 1' through 'Activity 6'. At the bottom, there is a Windows taskbar with the search bar, taskbar icons, and system tray showing the time '5:21 PM' and date '4/13/2020'.



Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation	472	Material	2030000000000
Order	3000000005	Mat.Descr.	Sinter
Operation	0010	Sequence	0 ROUTING FOR SINTER-1
Suboperation			
Capacity Cat.		Split	
Work Center	SINTER01	Plant	1000 SINTER 1
Confirm.type	Partial confirmation		<input type="checkbox"/> Clear open reservations

Quantities

	To Be Confirmed	Unit
Yield		
Scrap		
Rework		
Reason for Var.		

Activities

	To Be Confirmed	Unit	Finished
Man Power			<input type="checkbox"/>
Repair and mainte..			<input type="checkbox"/>
Stores & Consum..			<input type="checkbox"/>
Depreciation			<input type="checkbox"/>
Admin Ohs			<input type="checkbox"/>
Proc Power			<input type="checkbox"/>



Quantities of Yield to be confirmed and Activities should be equal and decimal place digits to be round off.

Enter Time Ticket for Production Order

Confirmation: 472 Material: 20300000000000
Order: 3000000005 Mat.Descr.: Sinter
Operation: 0010 Sequence: 0 ROUTING FOR SINTER-1
Suboperation:
Capacity Cat.:
Work Center: SINTER01 Plant: 1000 SINTER 1
Confirm.type: Partial confirmation Clear open reservations

Quantities

	To Be Confirmed	Unit
Yield	100	TO
Scrap		
Rework		
Reason for Var.		

Activities

	To Be Confirmed	Unit: Finished
Man Power	100	<input checked="" type="checkbox"/>
Repair and mainte...	100	<input type="checkbox"/>
Stores & Consum...	100	<input type="checkbox"/>
Depreciation	100	<input type="checkbox"/>
Admin Ohs	100	<input type="checkbox"/>
Proc Power		<input type="checkbox"/>

Click on Goods movements to check the components to be issued and finished material to be Goods Receipt. In goods movements screen you can alter the quantity and also provide the Storage Location from where goods to be issued and where goods receipt to be done.

Enter Confirmation for Production Order: Goods Movements

Order: 3000000005 Status: PCNF MILE PRT REL TECO
 Material: 20300000000000 Sinter
 Activity: 0010 Sequence: 0 ROUTING FOR SINTER-1
 Confirmation: 472 Plant: 1000 Work center: SINTER01

Batch Determination Stock Determination Entry: 1/ 36(36)

Goods Movements Overview

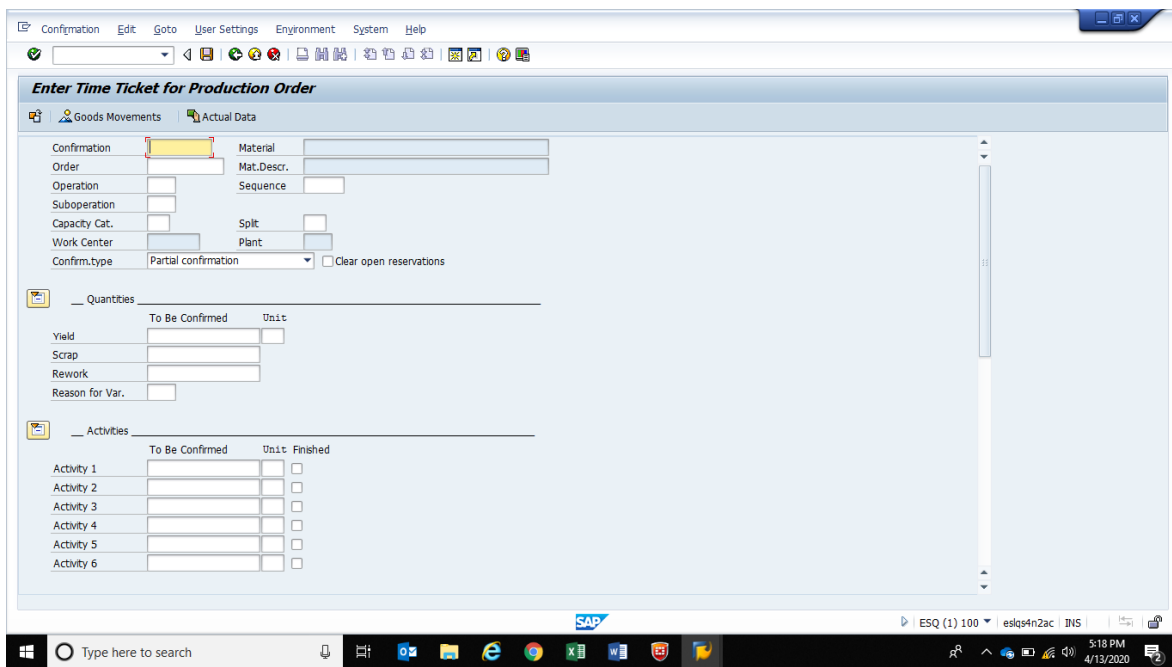
Material	Quantity	U...	Plant	St...	Reqmnt Segment	Stock Segment	Batch	Valuation ...	D...	M
20300000000000	100	TO	1000	SIR1					S	1
MTX111016010002	13	TO	1000	SIR1					H	2
MTX111016010011	32.500	TO	1000	SIR1					H	2
MTX111016010003	12	TO	1000	SIR1					H	2
MTX111016010001	7.500	TO	1000	SIR1					H	2
MOM441118070004	7	TO	1000	SIR1					H	2
60100000000004	2	TO	1000	SIR1					H	2
40100000000013	1	TO	1000	SIR1					H	2
50100000000004	2	TO	1000	SIR1					H	2
20001000000000	1	TO	1000	SIR1					H	2
30100000000012	1.950	TO	1000	SIR1					H	2

SAP ESQ (1) 100 eslqs4n2ac INS 5:26 PM 4/13/2020

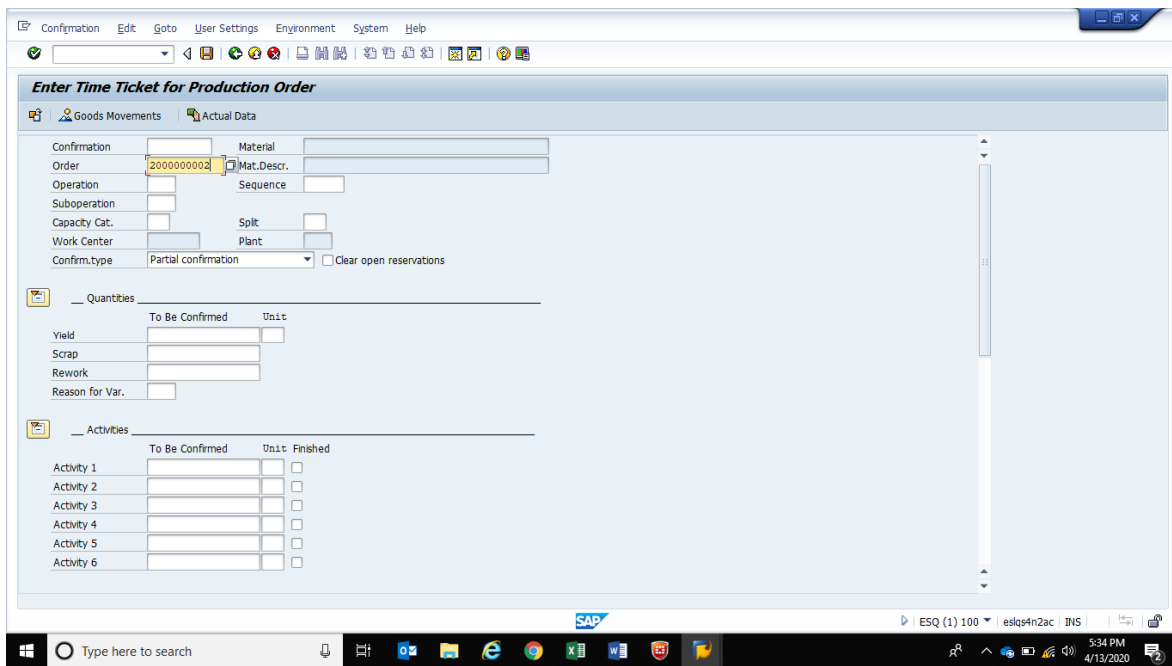
Click on save to finally confirm the order.

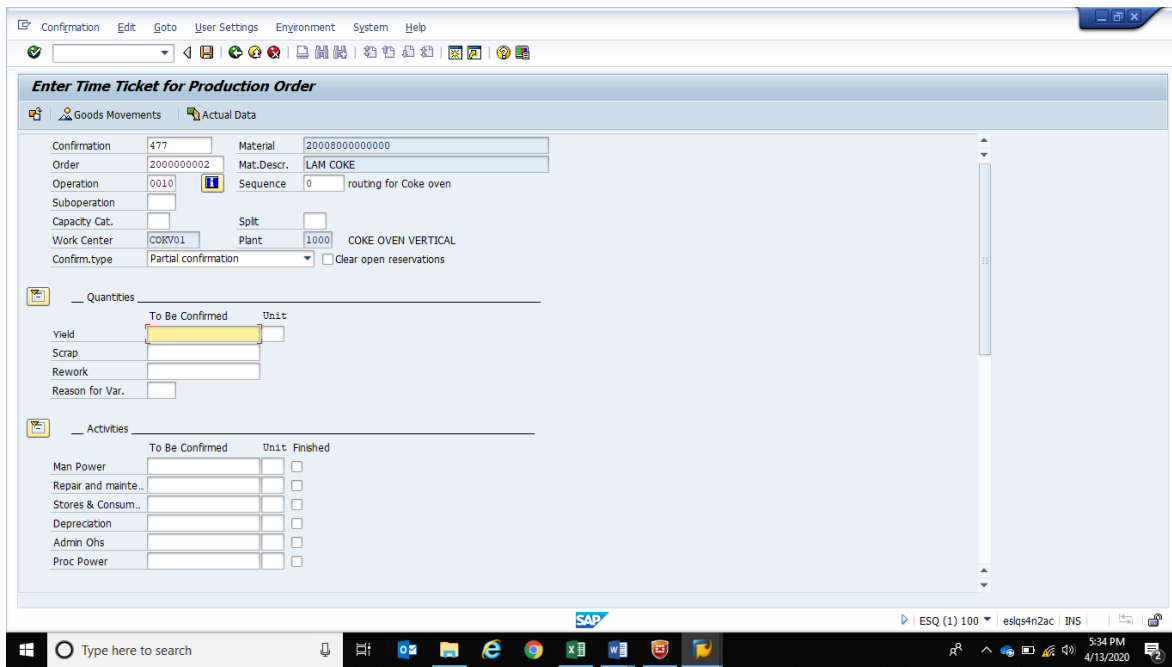
Coke Oven

To do Production order confirmation, Use T-code **CO11N**

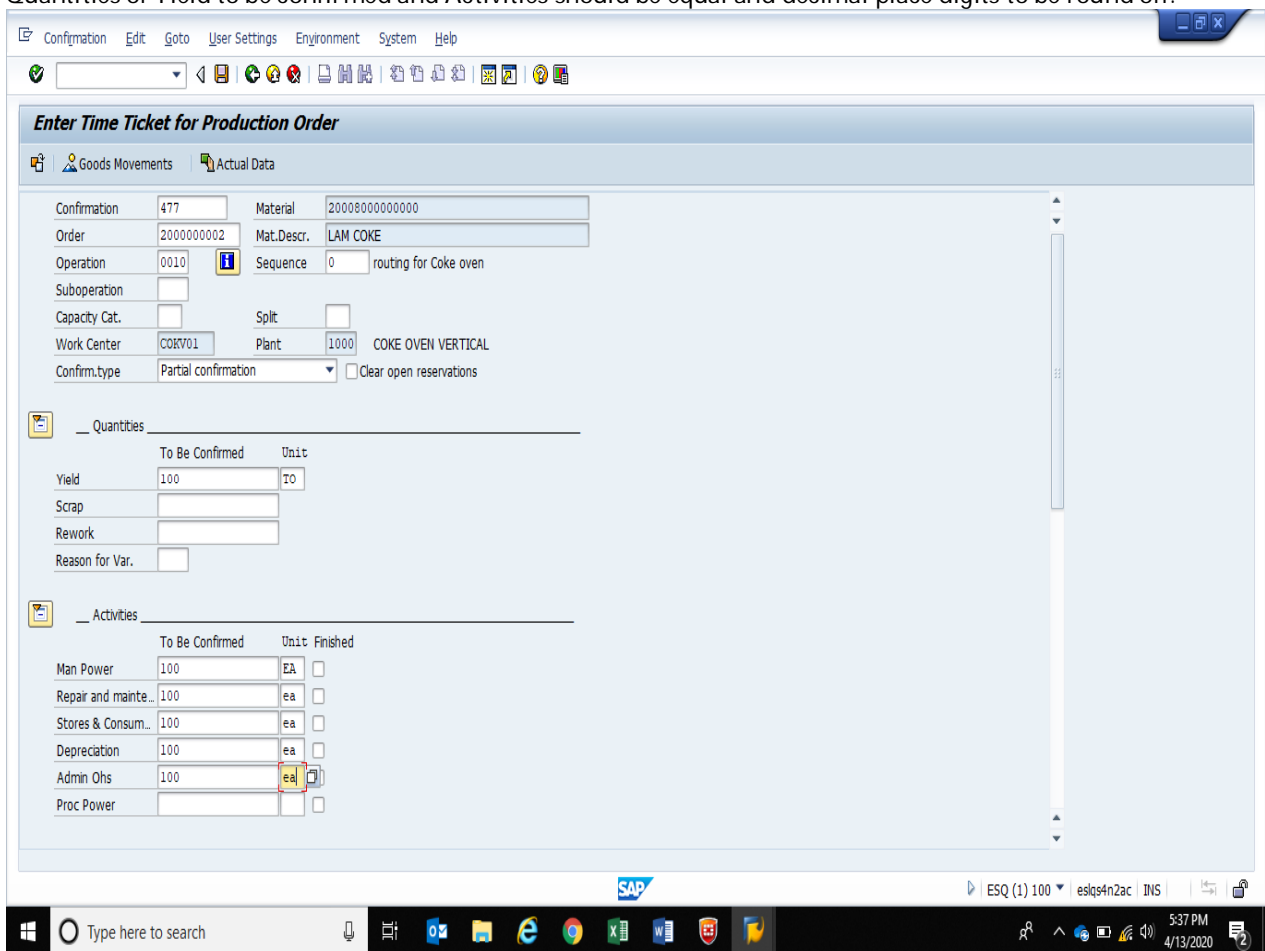


Input Order number and hit enter.

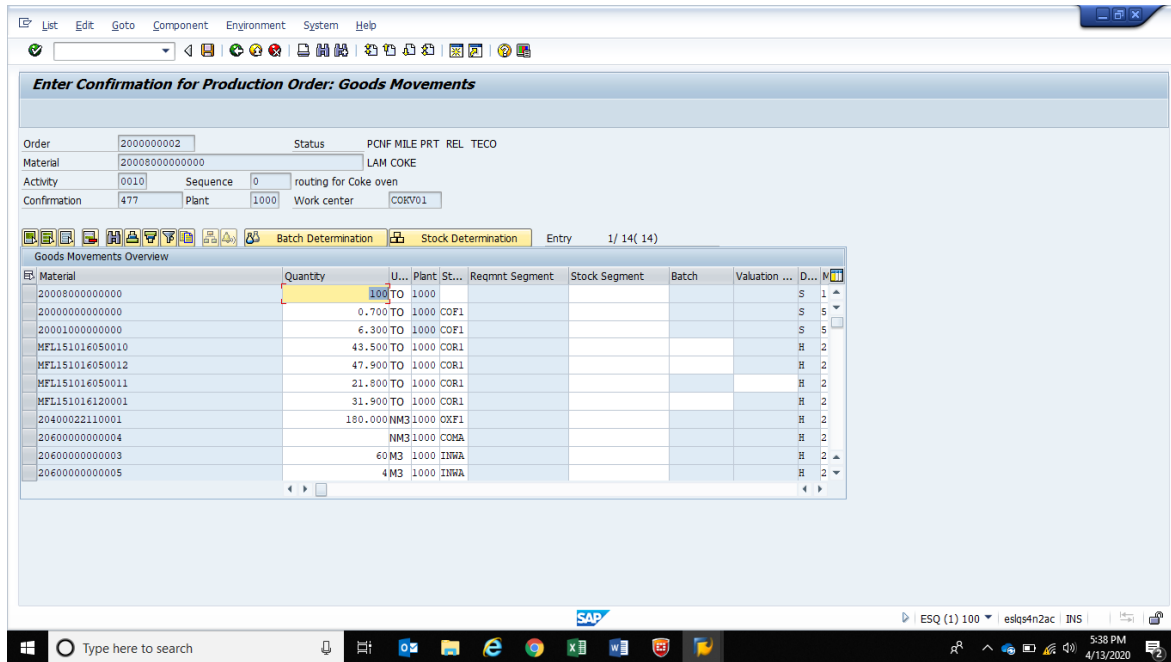




Quantities of Yield to be confirmed and Activities should be equal and decimal place digits to be round off.



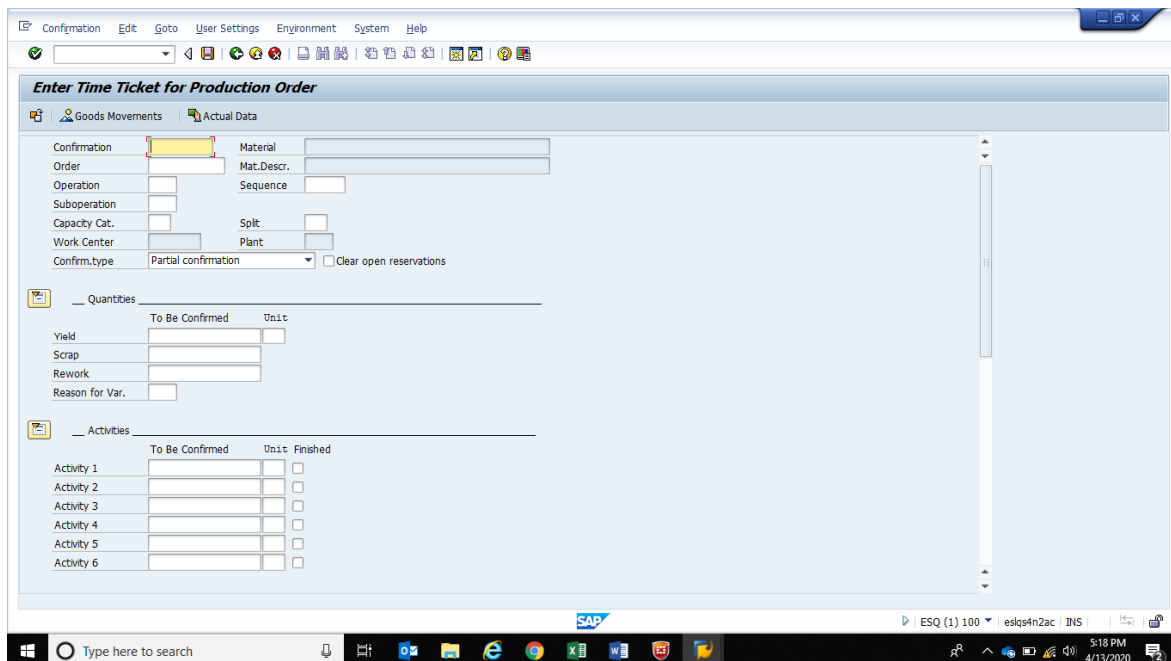
Click on Goods movements to check the components to be issued and finished material to be Goods Receipt. In goods movements screen you can alter the quantity and also provide the Storage Location from where goods to be issued and where goods receipt to be done.



Click on save to finally confirm the order.

Blast Furnace

To do Production order confirmation, Use T-code **CO11N**



Input Order number and click enter.

The screenshot displays the SAP 'Enter Time Ticket for Production Order' interface. The top menu bar includes 'Confirmation', 'Edit', 'Goto', 'User Settings', 'Environment', 'System', and 'Help'. The main window title is 'Enter Time Ticket for Production Order'. Below the title, there are two tabs: 'Goods Movements' and 'Actual Data'. The main area contains several input fields and sections:

- Confirmation:** 469
- Order:** 1100000004
- Operation:** 0010
- Material:** 30100022220000
- Mat.Descr.:** HOT METAL
- Sequence:** 0 routing for hot metal
- Work Center:** BF02
- Plant:** 1000
- Confirm.type:** Partial confirmation

Below the input fields, there are two sections:

- Quantities:** A table with columns 'To Be Confirmed' and 'Unit'. The 'Yield' row is highlighted in yellow.
- Activities:** A table with columns 'To Be Confirmed', 'Unit', and 'Finished'. Rows include Man Power, Repair and mainte..., Stores & Consum..., Depreciation, Admn Ohs, and Proc Power.

The bottom of the screen shows the SAP logo and a Windows taskbar with the search bar and system tray.

Quantities of Yield to be confirmed and Activities should be equal and decimal place digits to be round off.

Confirmation Edit Goto User Settings Environment System Help

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation 469 Material 30100022220000
 Order 1100000004 Mat.Descr. HOT METAL
 Operation 0010 Sequence 0 routing for hot metal
 Suboperation
 Capacity Cat. Split
 Work Center BF02 Plant 1000 Blast Furnace 2
 Confirm.type Partial confirmation Clear open reservations

___ Quantities

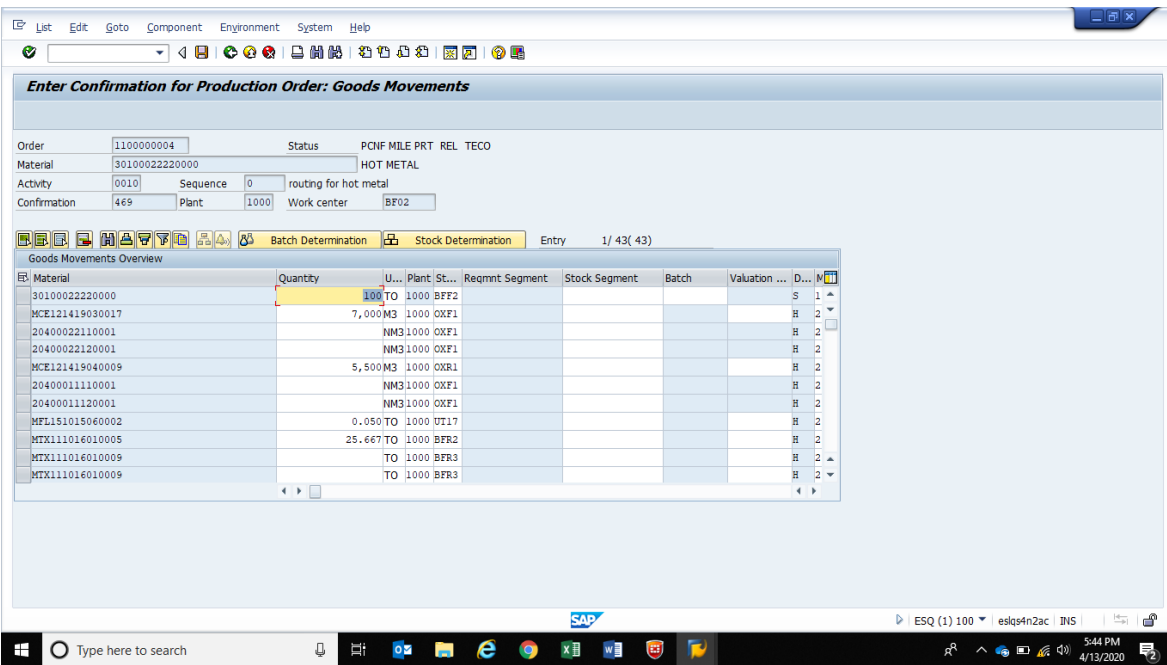
	To Be Confirmed	Unit
Yield	100	to
Scrap		
Rework		
Reason for Var.		

___ Activities

	To Be Confirmed	Unit	Finished
Man Power	100	ea	<input type="checkbox"/>
Repair and mainte...	100	ea	<input type="checkbox"/>
Stores & Consum...	100	ea	<input type="checkbox"/>
Depreciation	100	ea	<input type="checkbox"/>
Admin Ohs	100	ea	<input type="checkbox"/>
Proc Power			<input type="checkbox"/>

ESQ (1) 100 | eslqs4nZac | INS | 5:43 PM 4/13/2020

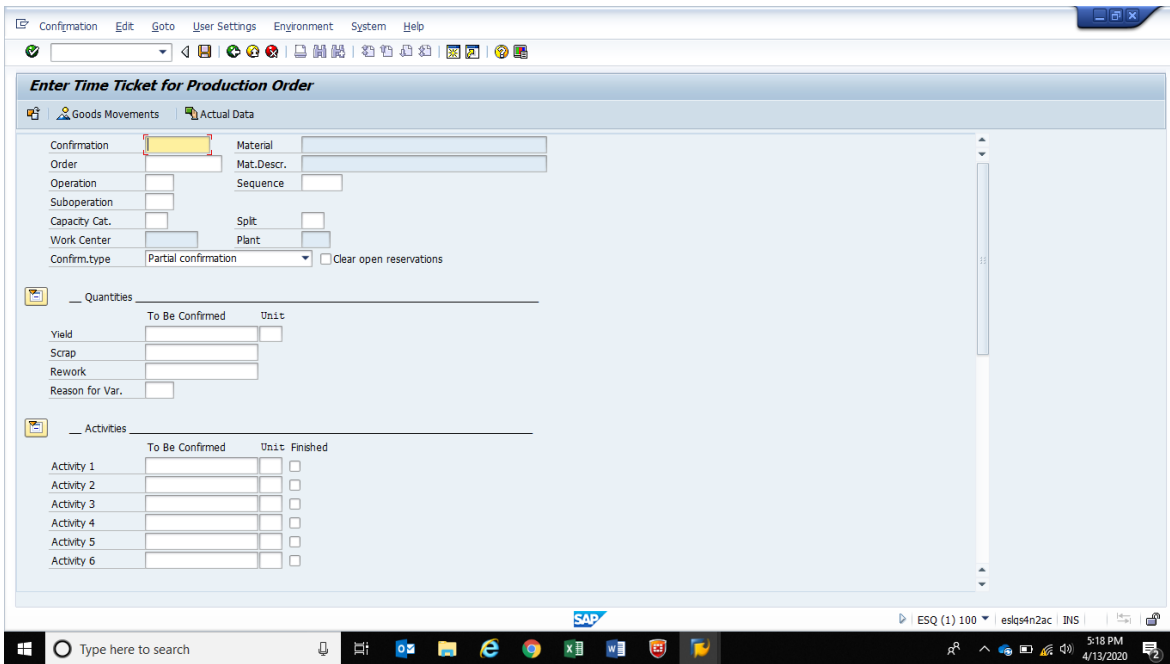
Click on Goods movements to check the components to be issued and finished material to be Goods Receipt. In goods movements screen you can alter the quantity and also provide the Storage Location from where goods to be issued and where goods receipt to be done.



Click on save to finally confirm the order.

Oxygen

To do Production order confirmation, Use T-code **CO11N**



Input Order number and click enter.

Confirmation Edit Goto User Settings Environment System Help

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation Material
 Order Mat.Descr.
 Operation Sequence
 Suboperation
 Capacity Cat. Split
 Work Center Plant
 Confirm.type Partial confirmation Clear open reservations

Quantities

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

Activities

	To Be Confirmed	Unit	Finished
Activity 1	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 2	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 3	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 4	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 5	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 6	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

SAP ESQ (1) 100 eslq94n2ac INS 5:47 PM 4/13/2020

Confirmation Edit Goto User Settings Environment System Help

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation Material
 Order Mat.Descr.
 Operation Sequence ROUTING FOR OXYGEN PLANT
 Suboperation
 Capacity Cat. Split
 Work Center Plant OXYGEN PLANT
 Confirm.type Partial confirmation Clear open reservations

Quantities

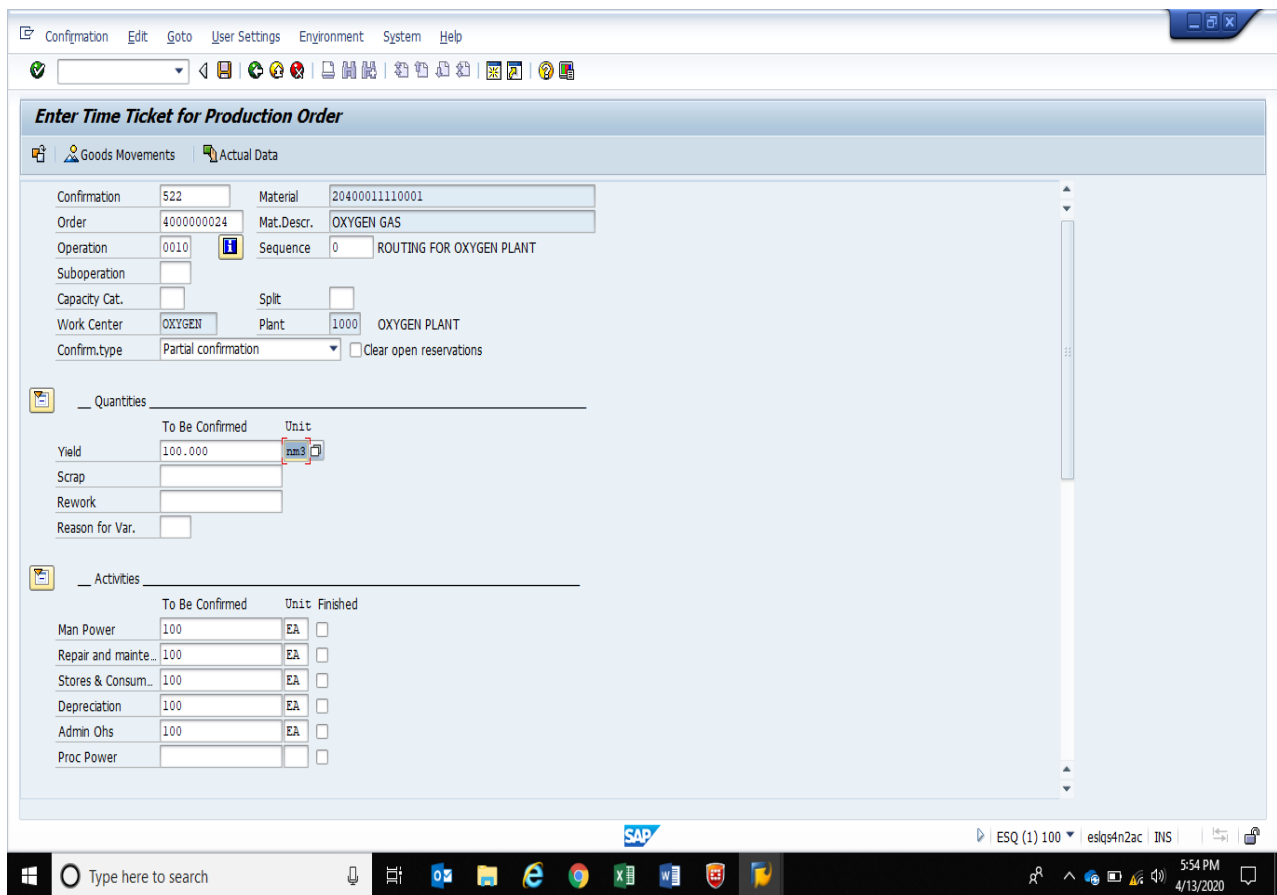
	To Be Confirmed	Unit
Yield	<input type="text"/>	<input type="text"/>
Scrap	<input type="text"/>	<input type="text"/>
Rework	<input type="text"/>	<input type="text"/>
Reason for Var.	<input type="text"/>	<input type="text"/>

Activities

	To Be Confirmed	Unit	Finished
Man Power	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Repair and mainte...	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Stores & Consum...	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Depreciation	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Admin Ohs	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Proc Power	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

SAP ESQ (1) 100 eslq94n2ac INS 5:47 PM 4/13/2020

Quantities of Yield to be confirmed and Activities should be equal and decimal place digits to be round off.



Click on Goods movements to check the components to be issued and finished material to be Goods Receipt. In goods movements screen you can alter the quantity and also provide the Storage Location from where goods to be issued and where goods receipt to be done.

Enter material code, Quantity and **cost center-10410100**

Goods Issue Other - ESLPP

Hide Overview | Hold | Check | Post | Help

Goods Issue | Other | GI scrapping | 551

My Documents

- Purchase Orders
- Orders
- Reservations
- Material Documents
- Held Data

General

Document Date: 22.04.2020 | Material Slip: |
Posting Date: 22.04.2020 | Doc.Header Text: |
 Individual Slip

Line	Mat.	Short Text	V	OK	Qty in UnE	E...	SLoc	Cost Center	G/L Account	Stock Segment	Batch	Valuation ...	M...
1	OXYGEN GAS			<input checked="" type="checkbox"/>	0.000								551

Material | Quantity | Where | Partner | Account Assignment | Weight Information

Qty in Unit of Entry: 100

SAP | ESQ (1) 100 | esq4n2ac | INS | 11:02 | 22-04-2020

Goods Issue Other - ESLPP

Hide Overview | Hold | Check | Post | Help

Goods Issue | Other | GI scrapping | 551

My Documents

- Purchase Orders
- Orders
- Reservations
- Material Documents
- Held Data

Material

G/L account: |
Cost Center: 10410100

SAP | ESQ (1) 100 | esq4n2ac | INS | 11:01 | 22-04-2020

Goods Receipt Settings System Help

Goods Issue Other - ESLPP

Hide Overview | Hold | Check | Post | Help

Goods Issue | Check Entries (F7) | GI scrapping | 551

My Documents

- Purchase Orders
 - 6800000019
- Orders
 - 4000000033
 - 4000000032
 - 1000148
 - 1000116
 - 1000033
 - 1000110
 - 1000115
 - 1000114
 - 1000102
 - 1100000007
- Reservations
 - Blank
- Material Documents
 - 4900033563
 - 4900033561
 - 5000001078
 - 5000001062
 - 5000001077
 - 5000000265
 - 4900033472
 - 4900033464
 - 4900033371
 - 4900033463
- Held Data
 - Blank

General

Document Date: 22.04.2020 | Material Slip: | Posting Date: 22.04.2020 | Doc.Header Text: | Individual Slip:

Line	St...	Mat. Short Text	V OK	Qty in UnE	E... Sloc	Cost Center	G/L Account	Stock Segment	Batch	Valuation ...
1	CC	OXYGEN GAS	<input checked="" type="checkbox"/>	100.000	NM3 Oxygen Fin Sloc	10410100				

Material Quantity Where Partner Account Assignment Weight Information

Movement type: 551 | GI scrapping | Stock type: Unrestricted-Use

Plant: Iron & Power Unit-SBU | 1000 | Storage location: Oxygen Fin Sloc | OXF1 | GR/GE No.: | Unloading Point: |

Document is O.K.

Goods Receipt Settings System Help

Goods Issue Other - ESLPP

Hide Overview | Hold | Check | Post | Help

Goods Issue | Other | GI scrapping | 551

My Documents

- Purchase Orders
 - 6800000019
- Orders
 - 4000000033
 - 4000000032
 - 1000148
 - 1000116
 - 1000033
 - 1000110
 - 1000115
 - 1000114
 - 1000102
 - 1100000007
- Reservations
 - Blank
- Material Documents
 - 4900033564
 - 4900033563
 - 4900033561
 - 5000001078
 - 5000001062
 - 5000001077
 - 5000000265
 - 4900033472
 - 4900033464
 - 4900033371
- Held Data
 - Blank

General

Document Date: 22.04.2020 | Material Slip: | Posting Date: 22.04.2020 | Doc.Header Text: | Individual Slip:

Line	Mat. Short Text	V OK	Qty in UnE	E... Sloc	Cost Center	G/L Account	Stock Segment	Batch	Valuation ...	M...
------	-----------------	------	------------	-----------	-------------	-------------	---------------	-------	---------------	------

Material Quantity Where

Movement type: 551 | GI scrapping

Plant: | Storage location: | GR/GE No.: |

Material document 4900033564 posted

Utility Industrial Water

To do Production order confirmation, Use T-code **CO11N**

Confirmation Edit Goto User Settings Environment System Help

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation Material

Order Mat.Descr.

Operation Sequence

Suboperation

Capacity Cat. Split

Work Center Plant

Confirm.type Partial confirmation Clear open reservations

___ Quantities

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

___ Activities

	To Be Confirmed	Unit	Finished
Activity 1	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 2	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 3	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 4	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 5	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 6	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

SAP ESQ (1) 100 | eslqs4n2ac | INS | 5:18 PM 4/13/2020

Input Order number and click enter.

Confirmation Edit Goto User Settings Environment System Help

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation Material

Order Mat.Descr.

Operation Sequence

Suboperation

Capacity Cat. Split

Work Center Plant

Confirm.type Partial confirmation Clear open reservations

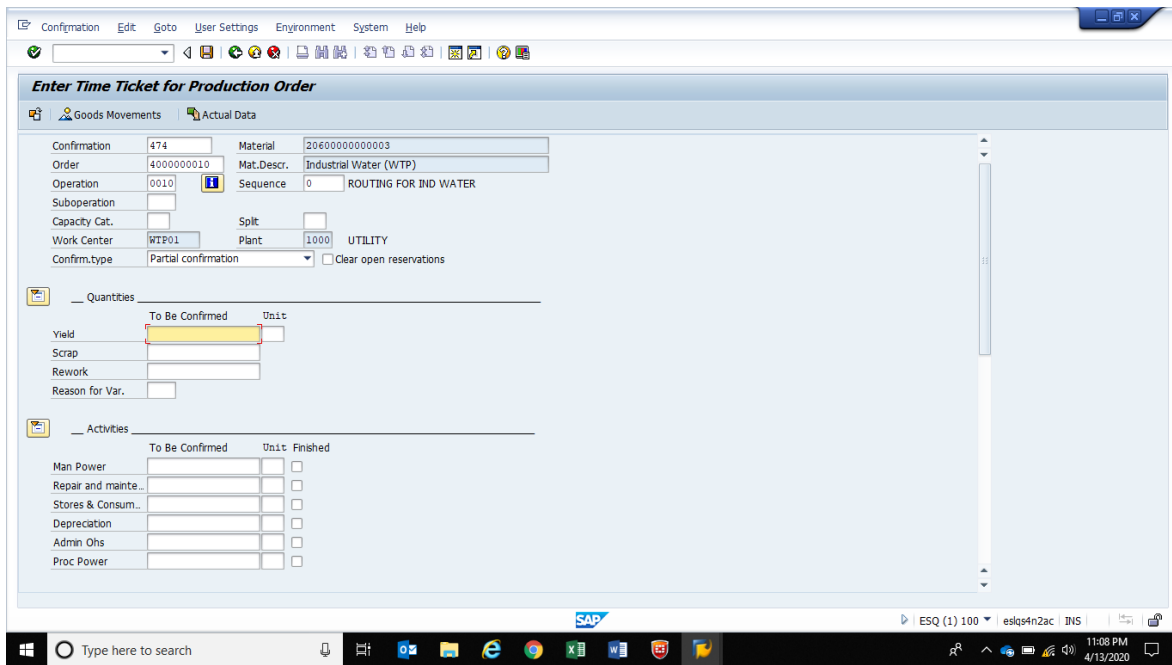
___ Quantities

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

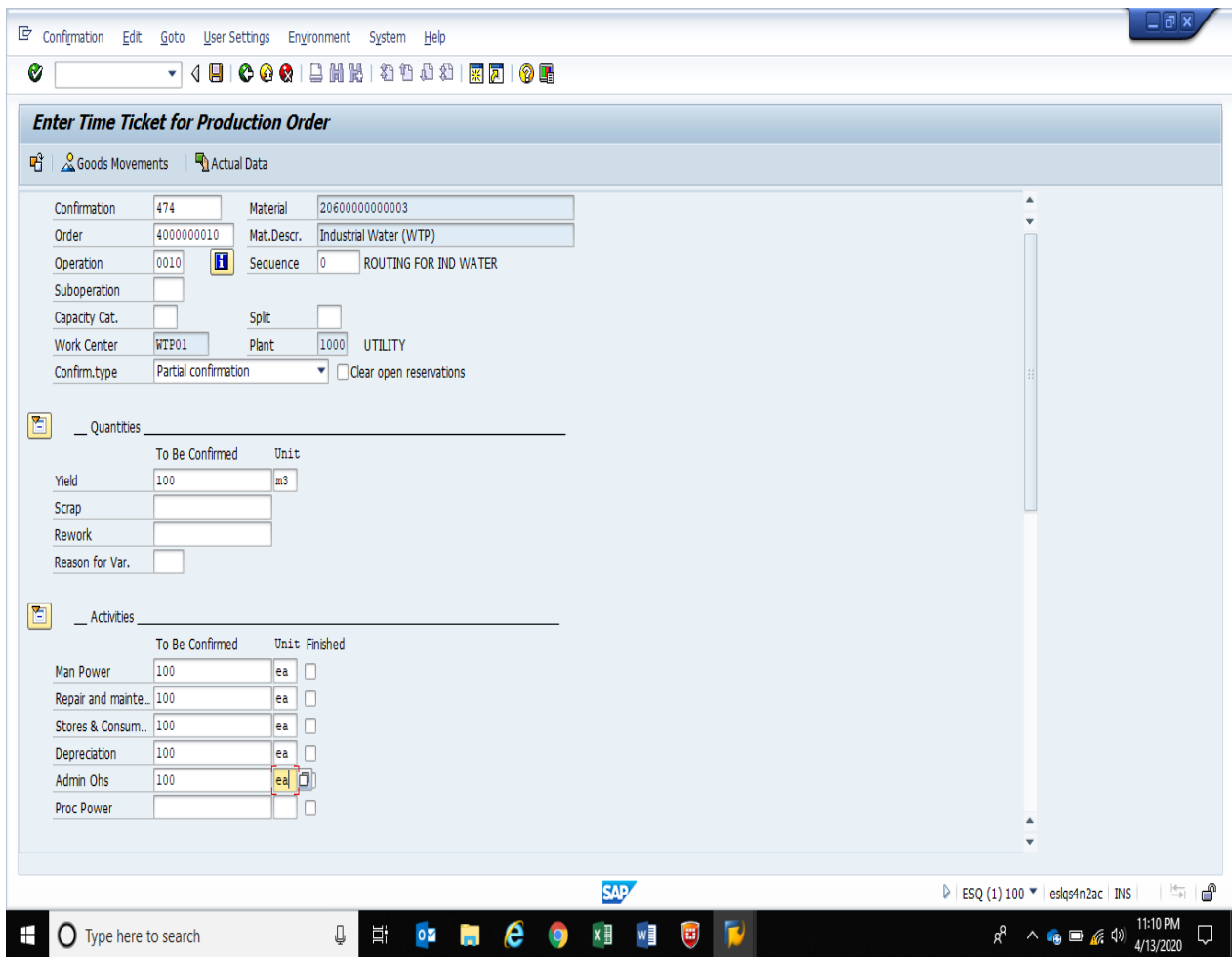
___ Activities

	To Be Confirmed	Unit	Finished
Activity 1	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 2	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 3	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 4	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 5	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 6	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

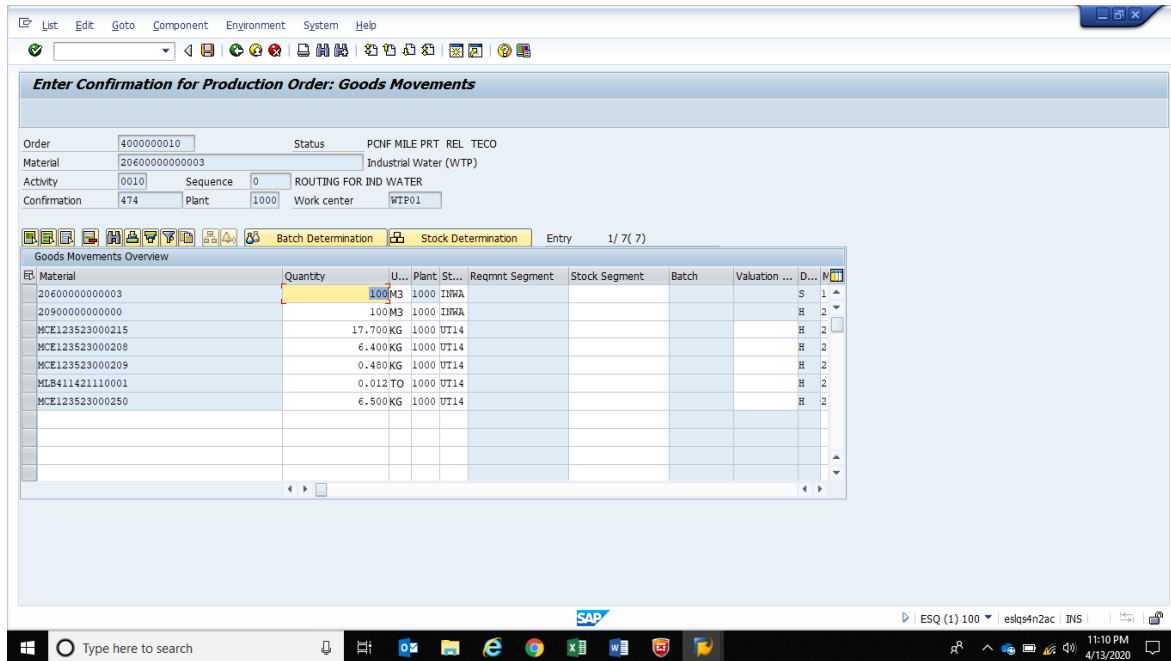
SAP ESQ (1) 100 | eslqs4n2ac | INS | 11:08 PM 4/13/2020



Quantities of Yield to be confirmed and Activities should be equal and decimal place digits to be round off.



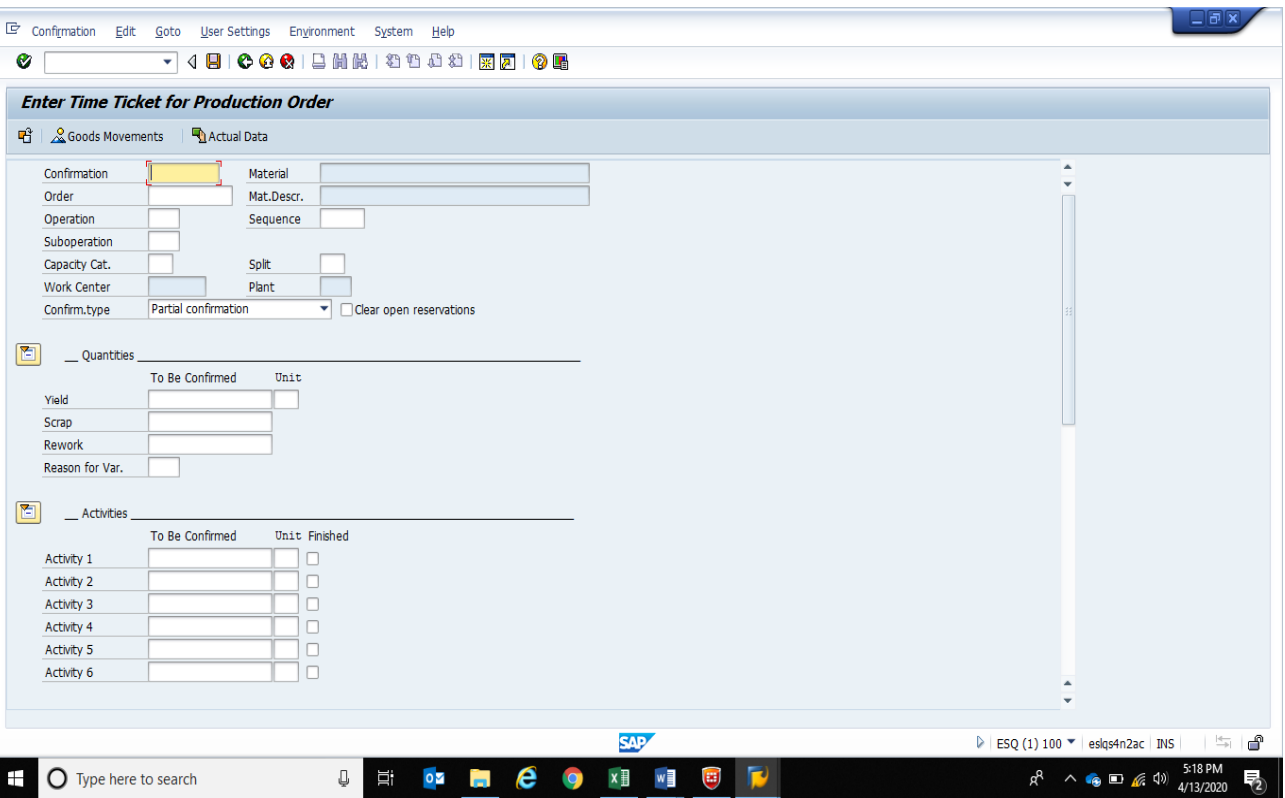
Click on Goods movements to check the components to be issued and finished material to be Goods Receipt. In goods movements screen you can alter the quantity and also provide the Storage Location from where goods to be issued and where goods receipt to be done.



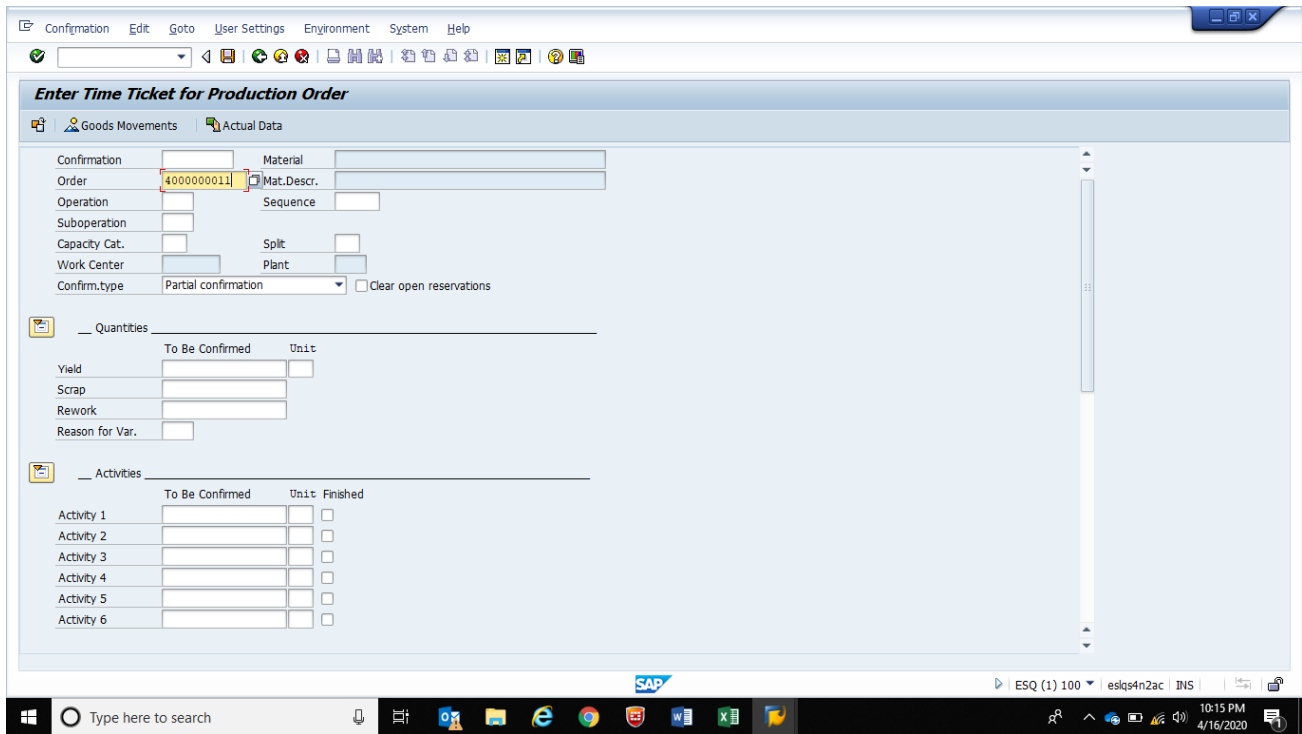
Click on save to finally confirm the order.

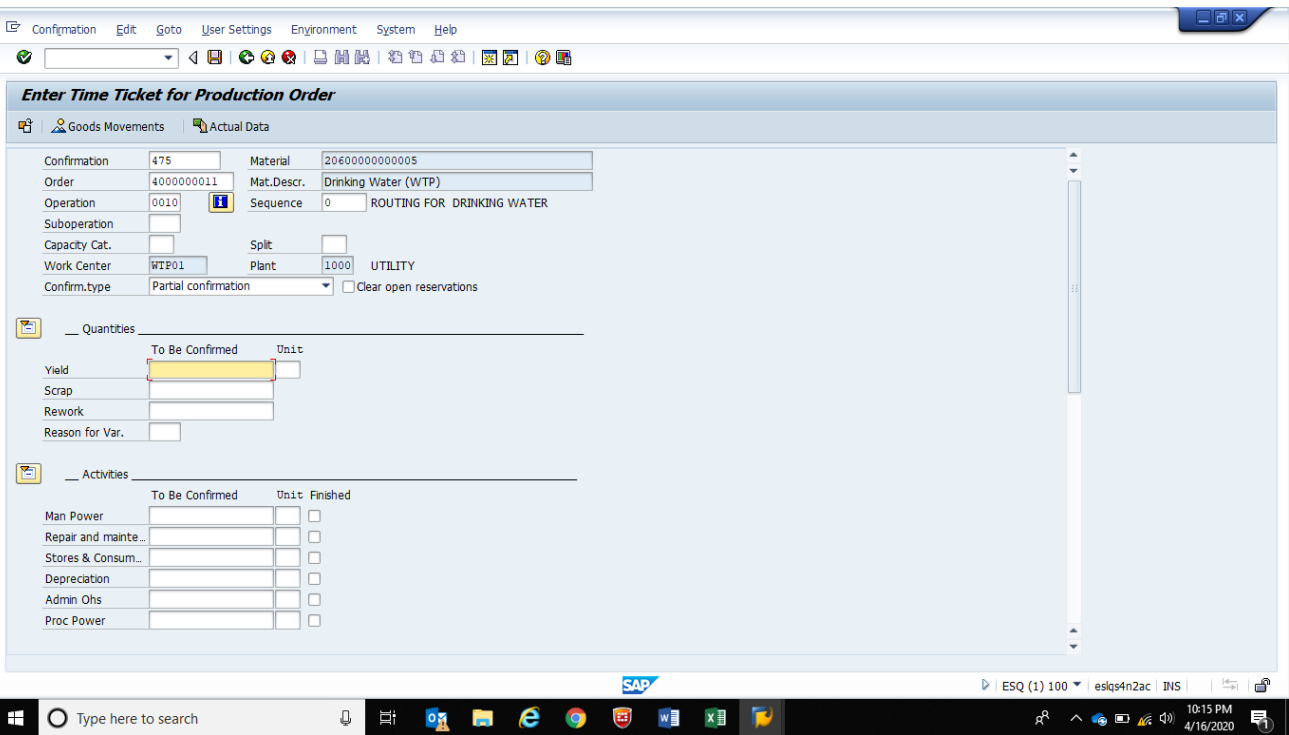
Drinking Water

To do Production order confirmation, Use T-code **CO11N**

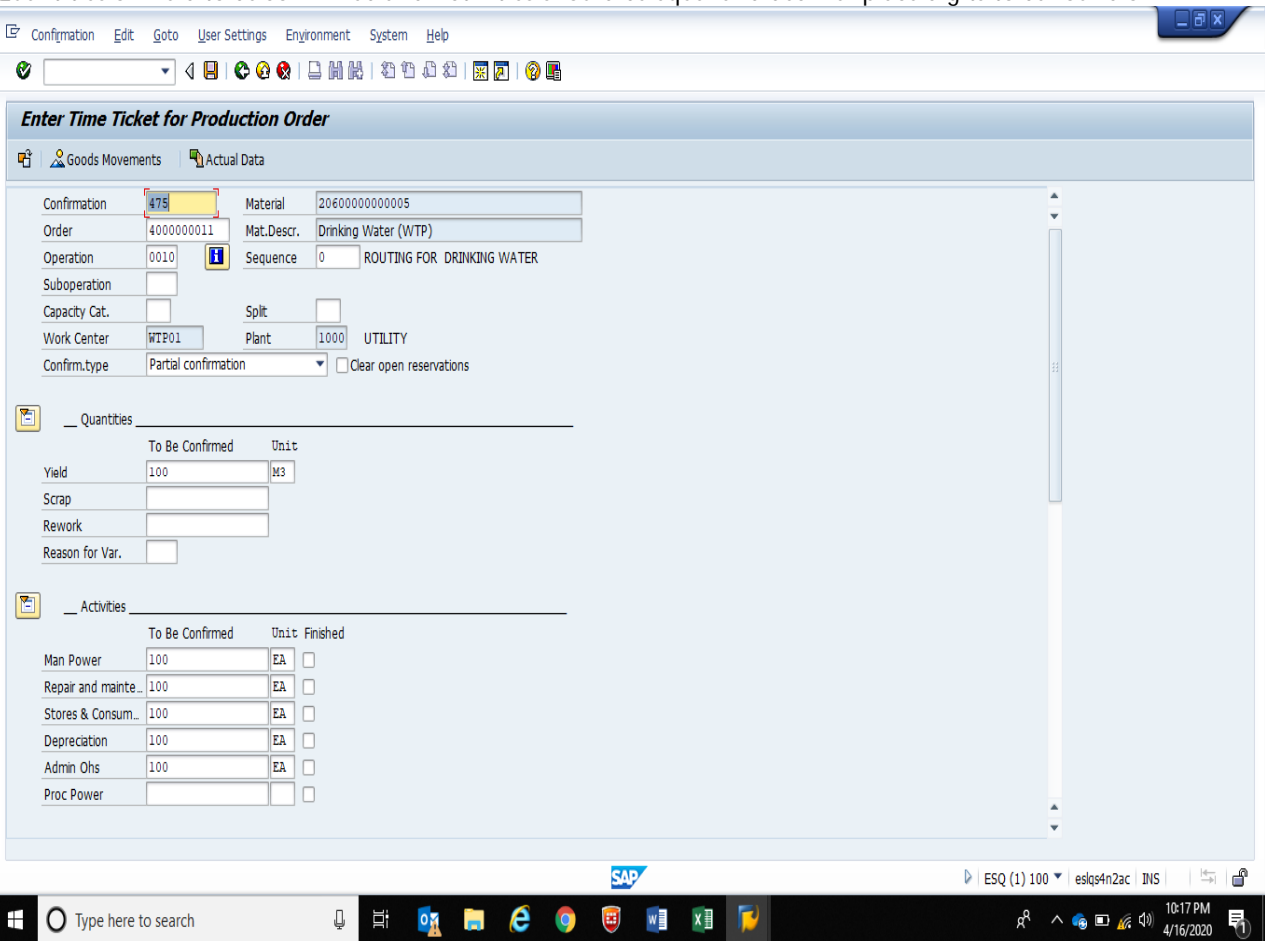


Input Order number and click enter.



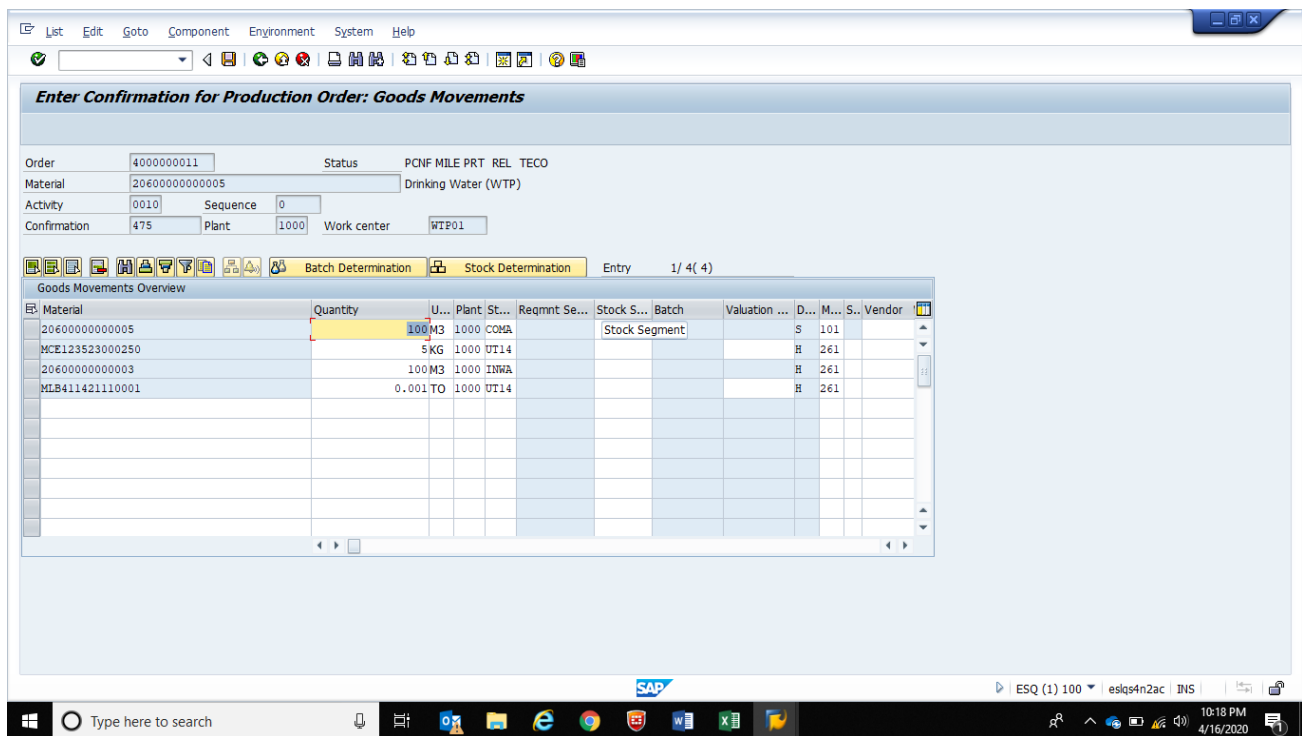


Quantities of Yield to be confirmed and Activities should be equal and decimal place digits to be round off.



Click on Goods movements to check the components to be issued and finished material to be Goods Receipt. In goods movements screen you can alter the

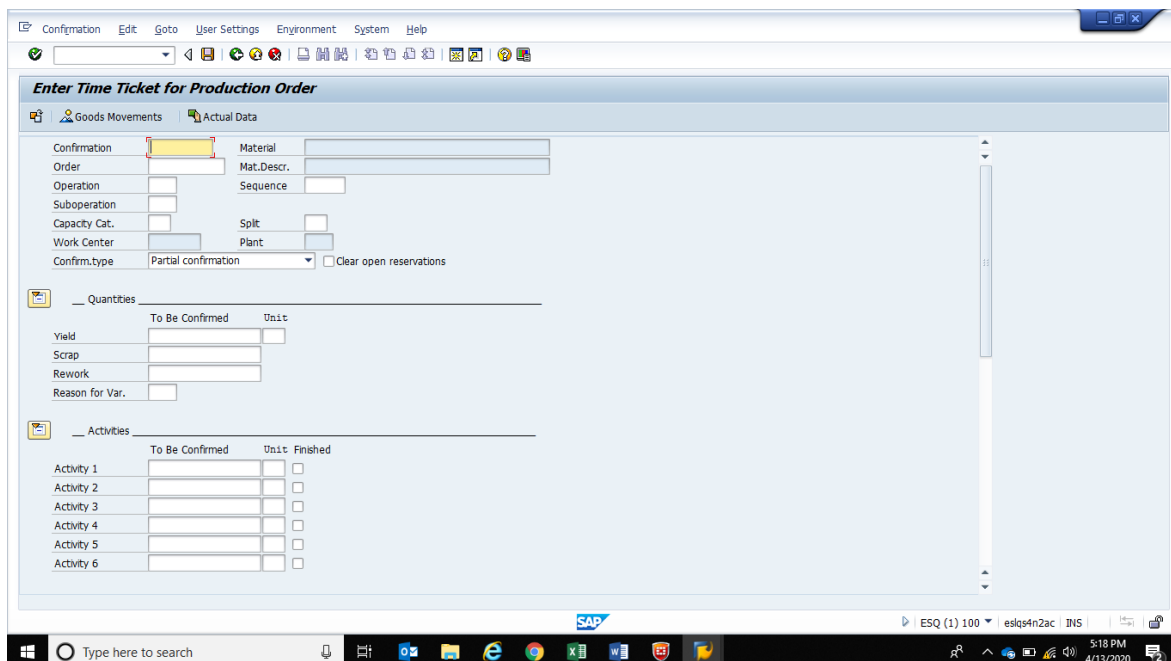
quantity and also provide the Storage Location from where goods to be issued and where goods receipt to be done.



Click on save to finally confirm the order.

Compressed Air

To do Production order confirmation, Use T-code **CO11N**



Input Order number and click enter.

Confirmation Edit Goto User Settings Environment System Help

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation: Material:
 Order: 4000000012 Mat.Descr.:
 Operation: Sequence:
 Suboperation:
 Capacity Cat.: Split:
 Work Center: Plant:
 Confirm.type: Partial confirmation Clear open reservations

Quantities

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

Activities

	To Be Confirmed	Unit	Finished
Activity 1	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 2	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 3	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 4	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 5	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 6	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

SAP | ESQ (1) 100 | eslqs4nZac | INS | 10:22 PM 4/16/2020

Confirmation Edit Goto User Settings Environment System Help

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation: 476 Material: 20600000000004
 Order: 4000000012 Mat.Descr.: Compressed air
 Operation: 0010 Sequence: 0 ROUTING FOR COMPRESSED AIR
 Suboperation:
 Capacity Cat.: Split:
 Work Center: WTP01 Plant: 1000 UTILITY
 Confirm.type: Partial confirmation Clear open reservations

Quantities

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

Activities

	To Be Confirmed	Unit	Finished
Man Power	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Repair and mainte...	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Stores & Consum...	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Depreciation	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Admin Ohs	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Proc Power	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

SAP | ESQ (1) 100 | eslqs4nZac | INS | 10:22 PM 4/16/2020

Quantities of Yield to be confirmed and Activities should be equal and decimal place digits to be round off.

Confirmation Edit Goto User Settings Environment System Help

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation 476 Material 2060000000004
 Order 400000012 Mat.Descr. Compressed air
 Operation 0010 Sequence 0 ROUTING FOR COMPRESSED AIR
 Suboperation
 Capacity Cat. Split
 Work Center WTP01 Plant 1000 UTILITY
 Confirm.type Partial confirmation Clear open reservations

Quantities

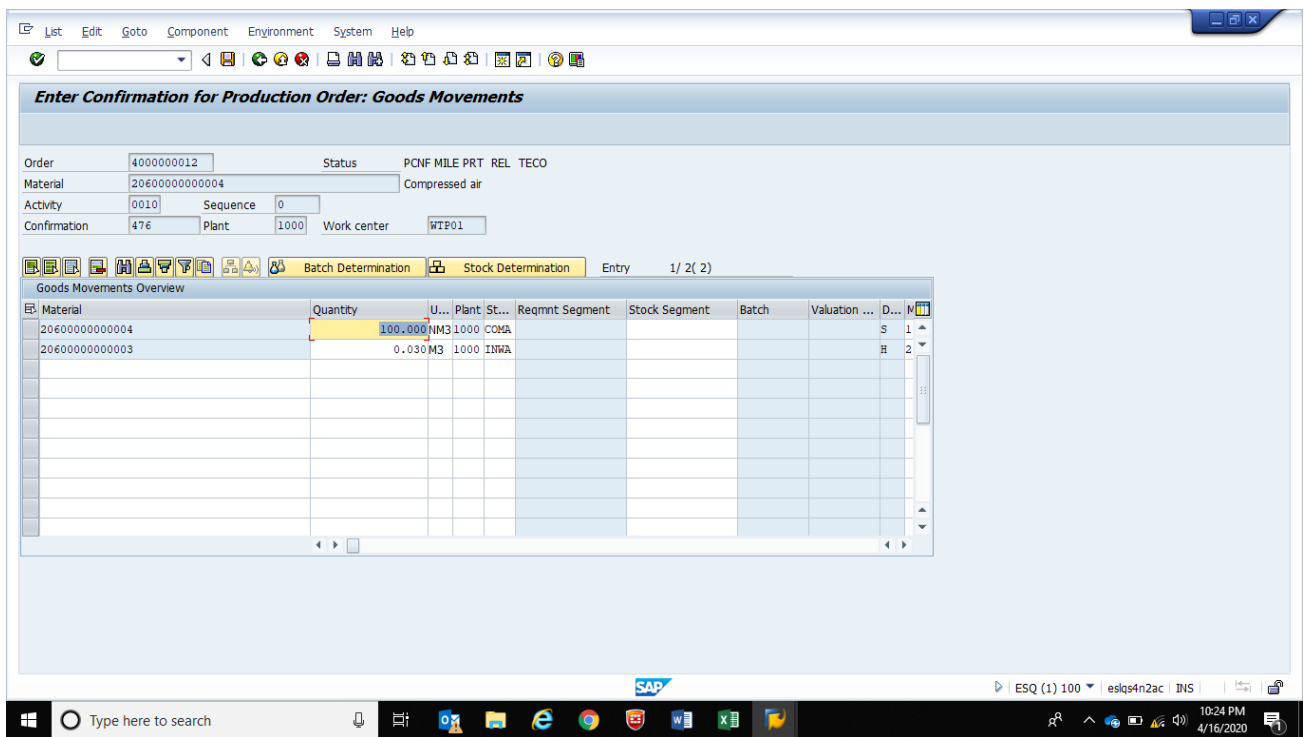
	To Be Confirmed	Unit
Yield	100.000	MTS
Scrap		
Rework		
Reason for Var.		

Activities

	To Be Confirmed	Unit	Finished
Man Power	100	EA	<input type="checkbox"/>
Repair and mainte..	100	EA	<input type="checkbox"/>
Stores & Consum..	100	EA	<input type="checkbox"/>
Depreciation	100	EA	<input type="checkbox"/>
Admin Ohs	100	EA	<input type="checkbox"/>
Proc Power			<input type="checkbox"/>

ESQ (1) 100 | eslqs4n2ac | INS | 10:24 PM 4/16/2020

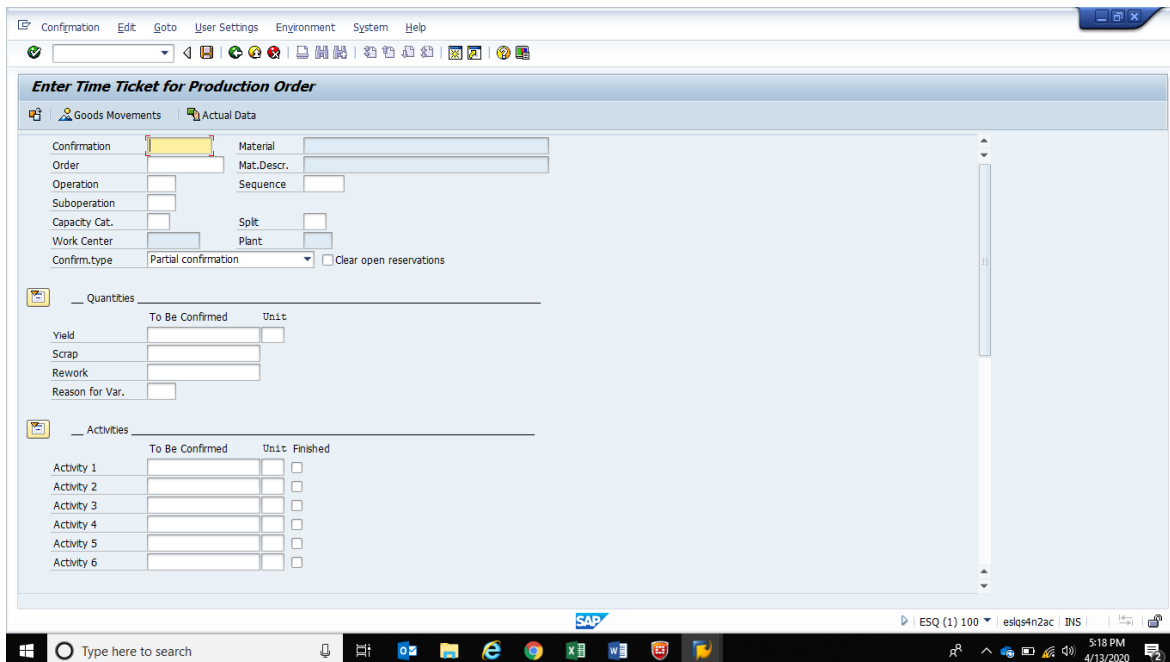
Click on Goods movements to check the components to be issued and finished material to be Goods Receipt. In goods movements screen you can alter the quantity and also provide the Storage Location from where goods to be issued and where goods receipt to be done.



Click on save to finally confirm the order.

Sprinkling Water

To do Production order confirmation, Use T-code **CO11N**



Input Order number and click enter.

Confirmation Edit Goto User Settings Environment System Help

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation Material
 Order Mat.Descr.
 Operation Sequence
 Suboperation
 Capacity Cat. Split
 Work Center Plant
 Confirm.type Clear open reservations

Quantities

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

Activities

	To Be Confirmed	Unit	Finished
Activity 1	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 2	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 3	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 4	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 5	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 6	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

SAP ESQ (1) 100 eslqs4n2ac INS 10:26 PM 4/16/2020

Confirmation Edit Goto User Settings Environment System Help

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation Material
 Order Mat.Descr.
 Operation Sequence ROUTING FOR Sprinkling water
 Suboperation
 Capacity Cat. Split
 Work Center Plant EFFLUENT TREATMENT PLANT
 Confirm.type Clear open reservations

Quantities

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

Activities

	To Be Confirmed	Unit	Finished
Man Power	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Repair and mainte...	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Stores & Consum...	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Depreciation	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Admin Ohs	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Proc Power	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

SAP ESQ (1) 100 eslqs4n2ac INS 10:27 PM 4/16/2020

Quantities of Yield to be confirmed and Activities should be equal and decimal place digits to be round off.

Confirmation Edit Goto User Settings Environment System Help

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation 478 Material 2070000000000

Order 400000013 Mat.Descr. sprinkling water

Operation 0010 Sequence 0 ROUTING FOR Sprinkling water

Suboperation

Capacity Cat. Split

Work Center ET01 Plant 1000 EFFLUENT TREATMENT PLANT

Confirm.type Partial confirmation Clear open reservations

Quantities

	To Be Confirmed	Unit
Yield	1,000	M3
Scrap		
Rework		
Reason for Var.		

Activities

	To Be Confirmed	Unit	Finished
Man Power	1,000	EA	<input type="checkbox"/>
Repair and mainte...	1,000	EA	<input type="checkbox"/>
Stores & Consum...	1,000	EA	<input type="checkbox"/>
Depreciation	1,000	EA	<input type="checkbox"/>
Admin Ohs	1,000	EA	<input type="checkbox"/>
Proc Power			<input type="checkbox"/>

SAP ESQ (1) 100 eslqs4n2ac INS 10:28 PM 4/16/2020

Click on Goods movements to check the components to be issued and finished material to be Goods Receipt. In goods movements screen you can alter the quantity and also provide the Storage Location from where goods to be issued and where goods receipt to be done.

Enter Confirmation for Production Order: Goods Movements

Order: 400000013 Status: PCNF MILE PRT REL TECO
 Material: 2070000000000000 sprinkling water
 Activity: 0010 Sequence: 0
 Confirmation: 478 Plant: 1000 Work center: ETP01

Batch Determination Stock Determination Entry: 1/ 5(5)

Goods Movements Overview

Material	Quantity	U...	Plant	St...	Re...	Stock S...	Batch	Valuation ...	D...	M...	S...	Vendor	Custv
2070000000000000	1,000	M3	1000						S	101			
2080000000000000	1,000	M3	1000	INWA					H	261			
2060000000000004	170.000	NM3	1000	COMA					H	261			
MCE123523000215	400	KG	1000	UT14					H	261			
MLB411421110001	0.003	TO	1000	UT14					H	261			

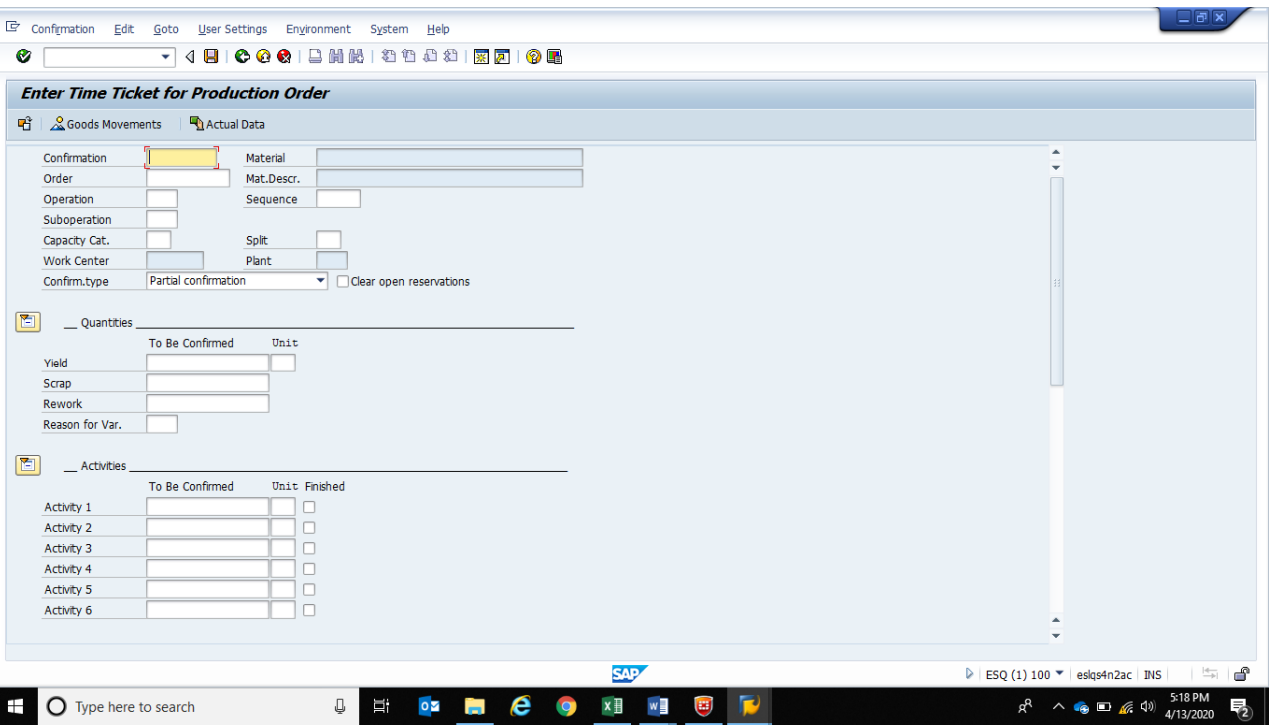
ESQ (1) 100 | eslqs4n2ac | INS | 10:28 PM 4/16/2020

Click on save to finally confirm the order.

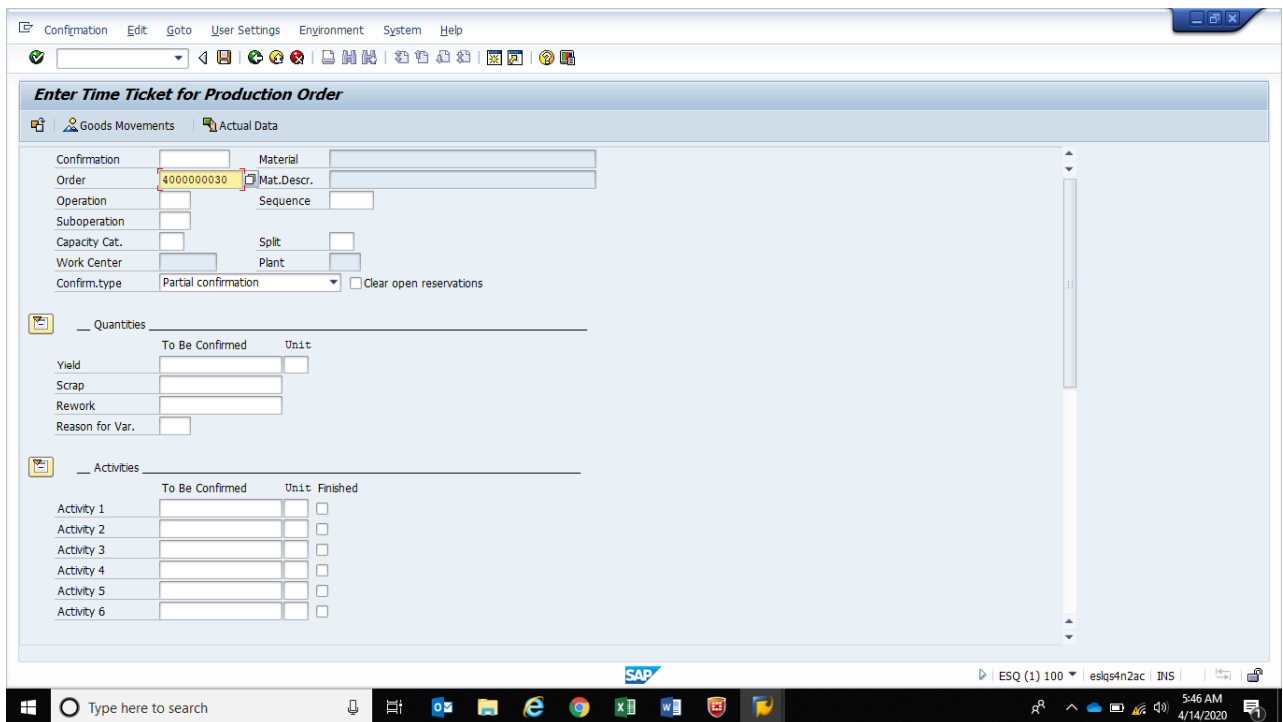
Power Plant

TurboGenerator

To do Production order confirmation, Use T-code **CO11N**



Input Order number and click enter.



Confirmation Edit Goto User Settings Environment System Help

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation 529 Material 2060000000002
 Order 4000000030 Mat.Descr. Power Cpp
 Operation 0010 Sequence 0 ROUTING FOR TG-1
 Suboperation
 Capacity Cat. Split
 Work Center TG01 Plant 1000 TURBO GENERATOR 1
 Confirm.type Partial confirmation Clear open reservations

Quantities

	To Be Confirmed	Unit
Yield		
Scrap		
Rework		
Reason for Var.		

Activities

	To Be Confirmed	Unit	Finished
Man Power			<input type="checkbox"/>
Repair and mainte...			<input type="checkbox"/>
Stores & Consum...			<input type="checkbox"/>
Depreciation			<input type="checkbox"/>
Admin Ohs			<input type="checkbox"/>
Proc Power			<input type="checkbox"/>

SAP ESQ (1) 100 | eslqs4n2ac | INS | 5:46 AM 4/14/2020

Quantities of Yield to be confirmed and Activities should be equal and decimal place digits to be round off.

Confirmation Edit Goto User Settings Environment System Help

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation 529 Material 2060000000002
 Order 4000000030 Mat.Descr. Power Cpp
 Operation 0010 Sequence 0 ROUTING FOR TG-1
 Suboperation
 Capacity Cat. Split
 Work Center TG01 Plant 1000 TURBO GENERATOR 1
 Confirm.type Partial confirmation Clear open reservations

Quantities

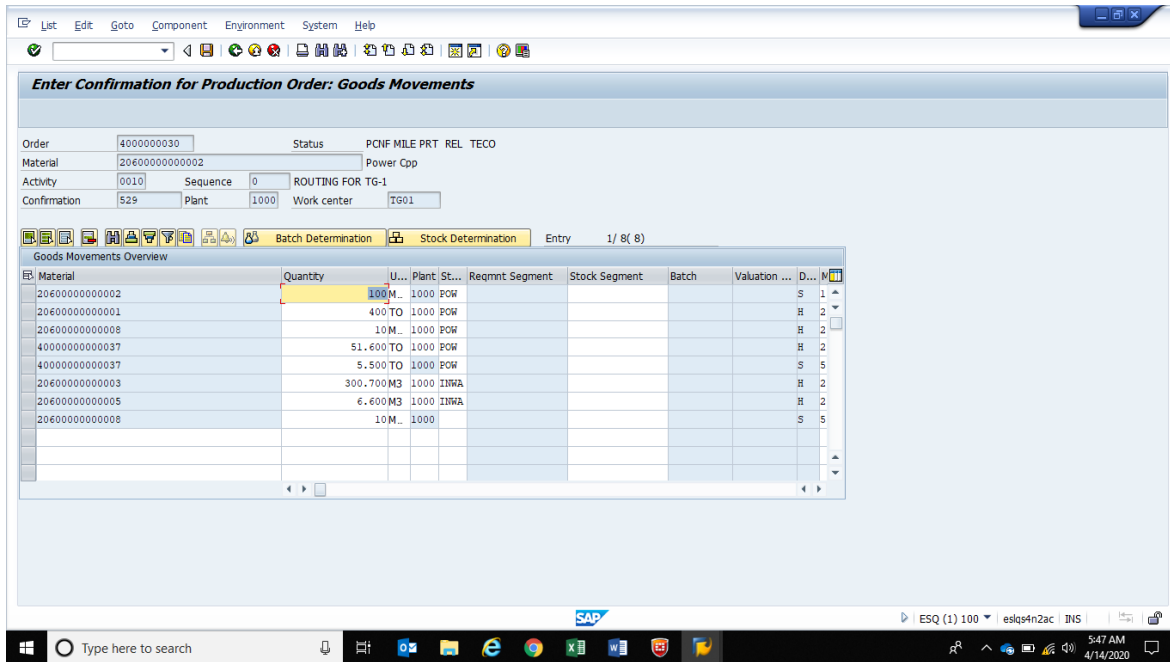
	To Be Confirmed	Unit
Yield	100	mmh
Scrap		
Rework		
Reason for Var.		

Activities

	To Be Confirmed	Unit	Finished
Man Power	100	ea	<input type="checkbox"/>
Repair and mainte...	100	ea	<input type="checkbox"/>
Stores & Consum...	100	ea	<input type="checkbox"/>
Depreciation	100	ea	<input type="checkbox"/>
Admin Ohs	100	ea	<input type="checkbox"/>
Proc Power			<input type="checkbox"/>

SAP ESQ (1) 100 | eslqs4n2ac | INS | 5:47 AM 4/14/2020

Click on Goods movements to check the components to be issued and finished material to be Goods Receipt. In goods movements screen you can alter the quantity and also provide the Storage Location from where goods to be issued and where goods receipt to be done.



Click on save to finally confirm the order.

CFBC

To do Production order confirmation, Use T-code **CO11N**

Confirmation Edit Goto User Settings Environment System Help

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation Material
 Order Mat.Descr.
 Operation Sequence
 Suboperation
 Capacity Cat. Split
 Work Center Plant
 Confirm.type Partial confirmation Clear open reservations

Quantities

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

Activities

	To Be Confirmed	Unit	Finished
Activity 1	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 2	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 3	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 4	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 5	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 6	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

ESQ (1) 100 | eslqs4n2ac | INS | 5:18 PM 4/13/2020

Input Order number and click enter.

Confirmation Edit Goto User Settings Environment System Help

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation Material
 Order Mat.Descr.
 Operation Sequence
 Suboperation
 Capacity Cat. Split
 Work Center Plant
 Confirm.type Partial confirmation Clear open reservations

Quantities

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

Activities

	To Be Confirmed	Unit	Finished
Activity 1	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 2	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 3	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 4	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 5	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 6	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

ESQ (1) 100 | eslqs4n2ac | INS | 6:01 AM 4/14/2020

Confirmation Edit Goto User Settings Environment System Help

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation 524 Material 2060000000001
 Order 400000025 Mat.Descr. Steam - Power plant
 Operation 0010 Sequence 0 routing for steam CFBC 1
 Suboperation
 Capacity Cat. Split
 Work Center CFBC01 Plant 1000 CFBC BOILER 1
 Confirm.type Partial confirmation Clear open reservations

Quantities

	To Be Confirmed	Unit
Yield		
Scrap		
Rework		
Reason for Var.		

Activities

	To Be Confirmed	Unit	Finished
Man Power			<input type="checkbox"/>
Repair and mainte...			<input type="checkbox"/>
Stores & Consum...			<input type="checkbox"/>
Depreciation			<input type="checkbox"/>
Admin Ohs			<input type="checkbox"/>
Proc Power			<input type="checkbox"/>

ESQ (1) 100 | eslqs4nZac | INS | 6:01 AM | 4/14/2020

Quantities of Yield to be confirmed and Activities should be equal and decimal place digits to be round off.

Confirmation Edit Goto User Settings Environment System Help

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation 524 Material 2060000000001
 Order 400000025 Mat.Descr. Steam - Power plant
 Operation 0010 Sequence 0 routing for steam CFBC 1
 Suboperation
 Capacity Cat. Split
 Work Center CFBC01 Plant 1000 CFBC BOILER 1
 Confirm.type Partial confirmation Clear open reservations

Quantities

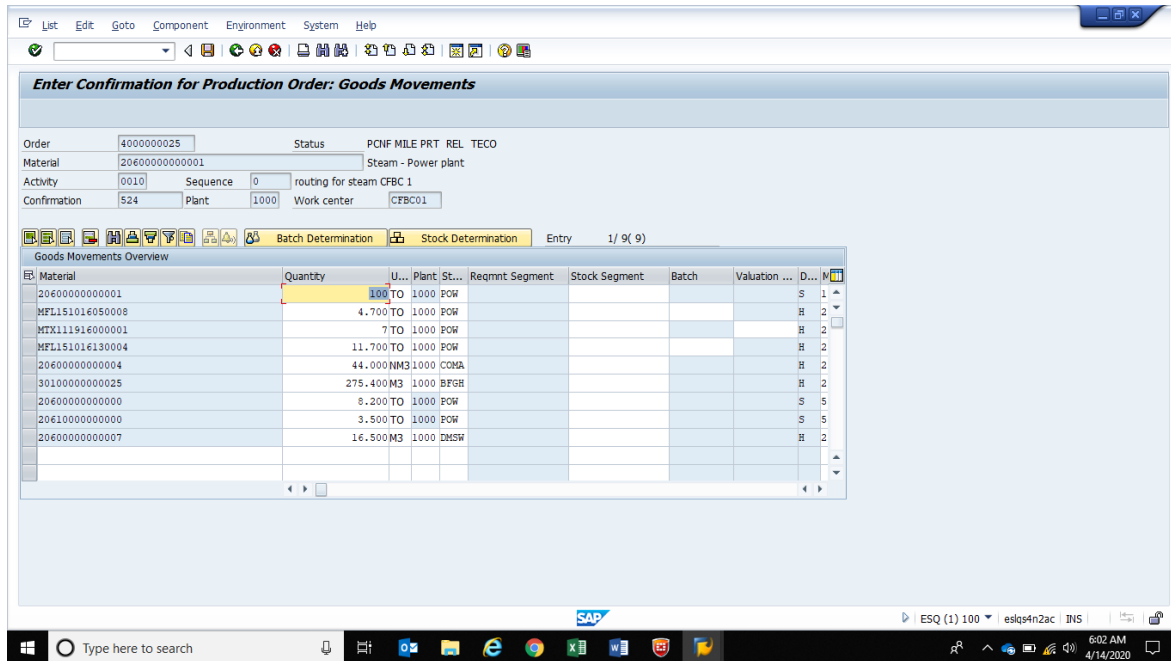
	To Be Confirmed	Unit
Yield	100	ea
Scrap		
Rework		
Reason for Var.		

Activities

	To Be Confirmed	Unit	Finished
Man Power	100	ea	<input type="checkbox"/>
Repair and mainte...	100	ea	<input type="checkbox"/>
Stores & Consum...	100	ea	<input type="checkbox"/>
Depreciation	100	ea	<input type="checkbox"/>
Admin Ohs	100	ea	<input type="checkbox"/>
Proc Power			<input type="checkbox"/>

ESQ (1) 100 | eslqs4nZac | INS | 6:02 AM | 4/14/2020

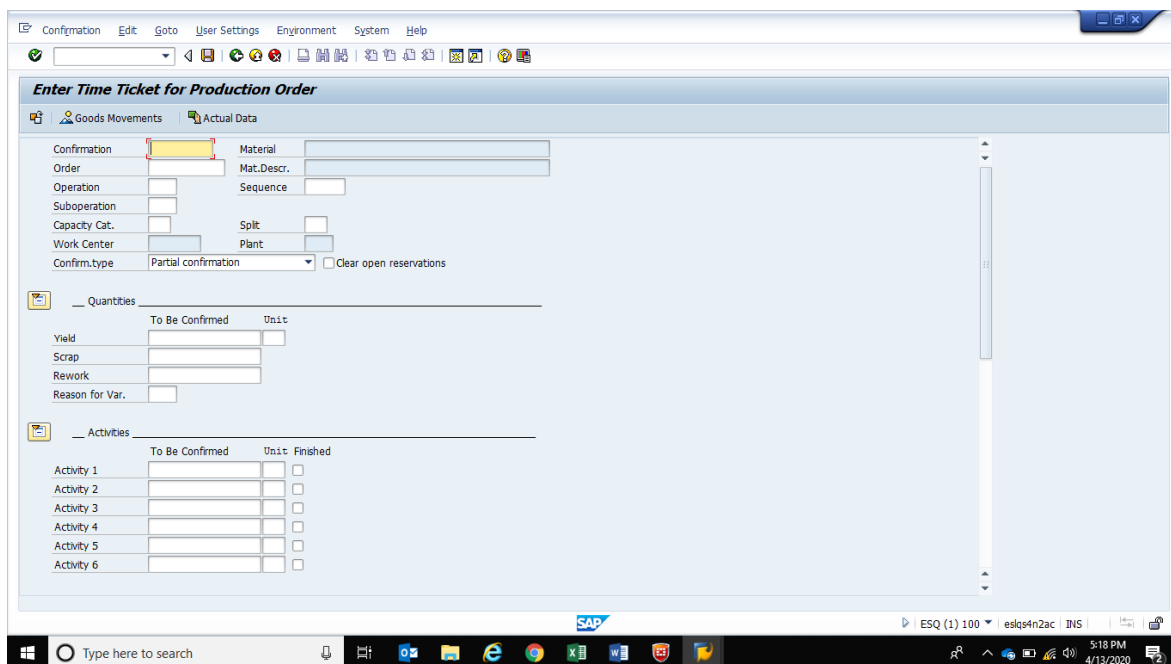
Click on Goods movements to check the components to be issued and finished material to be Goods Receipt. In goods movements screen you can alter the quantity and also provide the Storage Location from where goods to be issued and where goods receipt to be done.



Click on save to finally confirm the order.

Waste Heat Recovery Boiler(WHRB)

To do Production order confirmation, Use T-code **CO11N**



Input Order number and click enter.

Confirmation: Material:
Order: Mat.Descr.:
Operation: Sequence:
Suboperation:
Capacity Cat.: Split:
Work Center: Plant:
Confirm.type: Clear open reservations

___ Quantities

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

___ Activities

	To Be Confirmed	Unit	Finished
Activity 1	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 2	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 3	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 4	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 5	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 6	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

Confirmation: Material:
Order: Mat.Descr.:
Operation: Sequence: routing for WHRB1
Suboperation:
Capacity Cat.: Split:
Work Center: Plant: WHRB 1
Confirm.type: Clear open reservations

___ Quantities

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

___ Activities

	To Be Confirmed	Unit	Finished
Man Power	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Repair and mainte...	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Stores & Consum...	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Depreciation	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Admn Ohs	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Proc Power	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

Quantities of Yield to be confirmed and Activities should be equal and decimal place digits to be round off.

Confirmation Edit Goto User Settings Environment System Help

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation 526 Material 2060000000001
 Order 4000000027 Mat.Descr. Steam - Power plant
 Operation 0010 Sequence 0 routing for WHRB1
 Suboperation
 Capacity Cat. Split
 Work Center WHRB01 Plant 1000 WHRB 1
 Confirm.type Partial confirmation Clear open reservations

Quantities

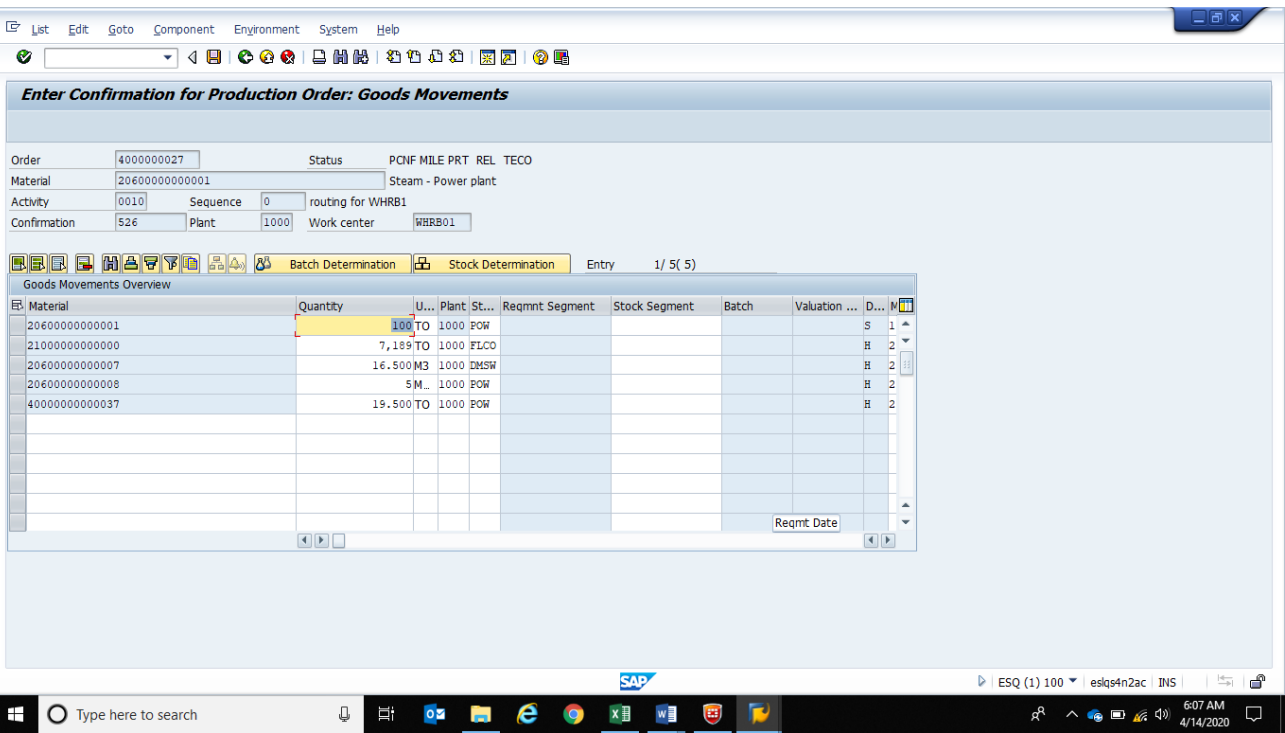
	To Be Confirmed	Unit
Yield	100	to
Scrap		
Rework		
Reason for Var.		

Activities

	To Be Confirmed	Unit	Finished
Man Power	100	ea	<input type="checkbox"/>
Repair and mainte..	100	ea	<input type="checkbox"/>
Stores & Consum..	100	ea	<input type="checkbox"/>
Depreciation	100	ea	<input type="checkbox"/>
Admin Ohs	100	ea	<input type="checkbox"/>
Proc Power			<input type="checkbox"/>

ESQ (1) 100 | eslqs4n2ac | INS | 6:06 AM 4/14/2020

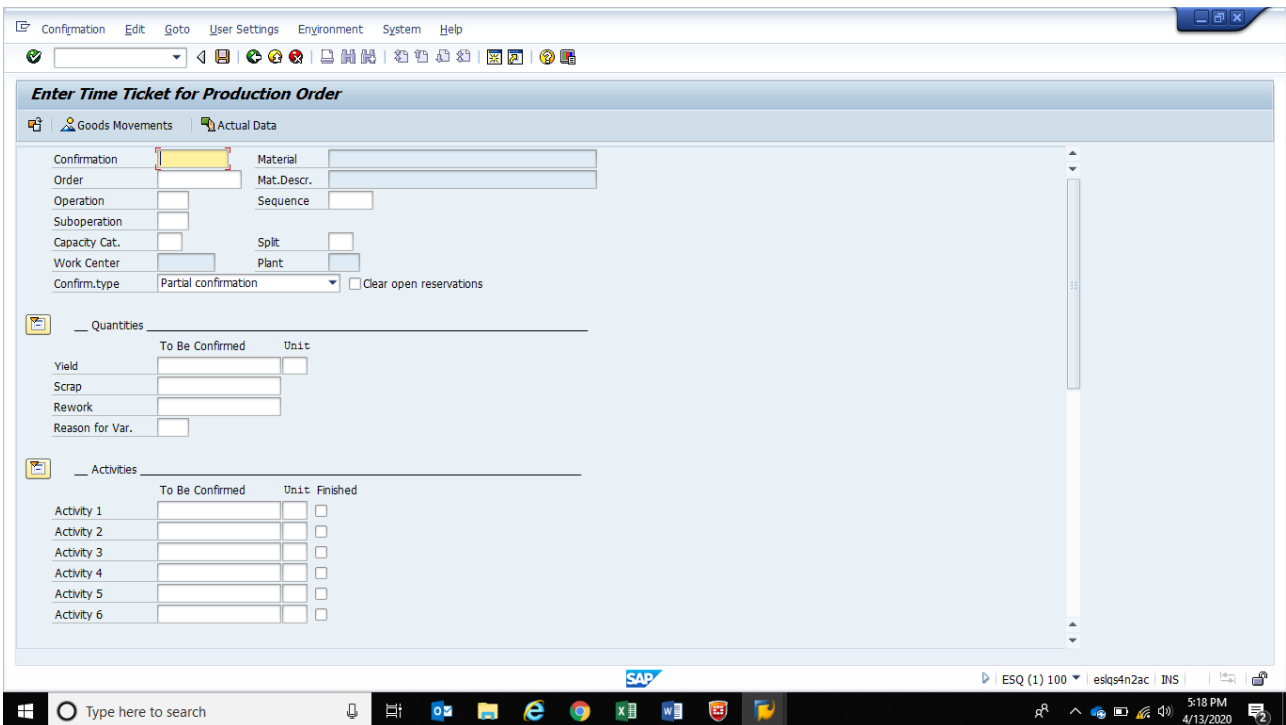
Click on Goods movements to check the components to be issued and finished material to be Goods Receipt. In goods movements screen you can alter the quantity and also provide the Storage Location from where goods to be issued and where goods receipt to be done.



Click on save to finally confirm the order.

MRSS

To do Production order confirmation, Use T-code **CO11N**



Input Order number and click enter.

Confirmation Edit Goto User Settings Environment System Help

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation: Material:
Order: 4000000032 Mat.Descr.:
Operation: Sequence:
Suboperation:
Capacity Cat.: Split:
Work Center: Plant:
Confirm.type: Partial confirmation Clear open reservations

Quantities

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

Activities

	To Be Confirmed	Unit	Finished
Activity 1	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 2	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 3	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 4	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 5	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Activity 6	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

ESQ (1) 100 eslqs4n2ac INS 6:09 AM 4/14/2020

Confirmation Edit Goto User Settings Environment System Help

Enter Time Ticket for Production Order

Goods Movements Actual Data

Confirmation: 531 Material: 2062000000002
Order: 4000000032 Mat.Descr.: Power Cons
Operation: 0010 Sequence: 0 routing for power cons
Suboperation:
Capacity Cat.: Split:
Work Center: MRSS Plant: 1000 MRSS
Confirm.type: Partial confirmation Clear open reservations

Quantities

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

Activities

	To Be Confirmed	Unit	Finished
Man Power	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Repair and mainte...	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Stores & Consum...	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Depreciation	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Admin Ohs	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
Proc Power	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

ESQ (1) 100 eslqs4n2ac INS 6:09 AM 4/14/2020

Quantities of Yield to be confirmed and Activities should be equal and decimal place digits to be round off.

Enter Time Ticket for Production Order

Confirmation: 531 Material: 2062000000002
 Order: 4000000032 Mat.Descr.: Power Cons
 Operation: 0010 Sequence: 0 routing for power cons
 Suboperation:
 Capacity Cat.:
 Work Center: MRSS Plant: 1000 MRSS
 Confirm.type: Partial confirmation Clear open reservations

Quantities

	To Be Confirmed	Unit
Yield	100	mmh
Scrap		
Rework		
Reason for Var.		

Activities

	To Be Confirmed	Unit	Finished
Man Power	100	ea	<input type="checkbox"/>
Repair and mainte...	100	ea	<input type="checkbox"/>
Stores & Consum...	100	ea	<input type="checkbox"/>
Depreciation	100	ea	<input type="checkbox"/>
Admin Ohs	100	ea	<input type="checkbox"/>
Proc Power			<input type="checkbox"/>

Click on Goods movements to check the components to be issued and finished material to be Goods Receipt. In goods movements screen you can alter the quantity and also provide the Storage Location from where goods to be issued and where goods receipt to be done.

Enter Confirmation for Production Order: Goods Movements

Order: 4000000032 Status: PCNF MILE PRT REL TECO
 Material: 20620000000002 Power Cons
 Activity: 0010 Sequence: 0 routing for power cons
 Confirmation: 531 Plant: 1000 Work center: MRSS

Batch Determination Stock Determination Entry: 1/2(2)

Goods Movements Overview

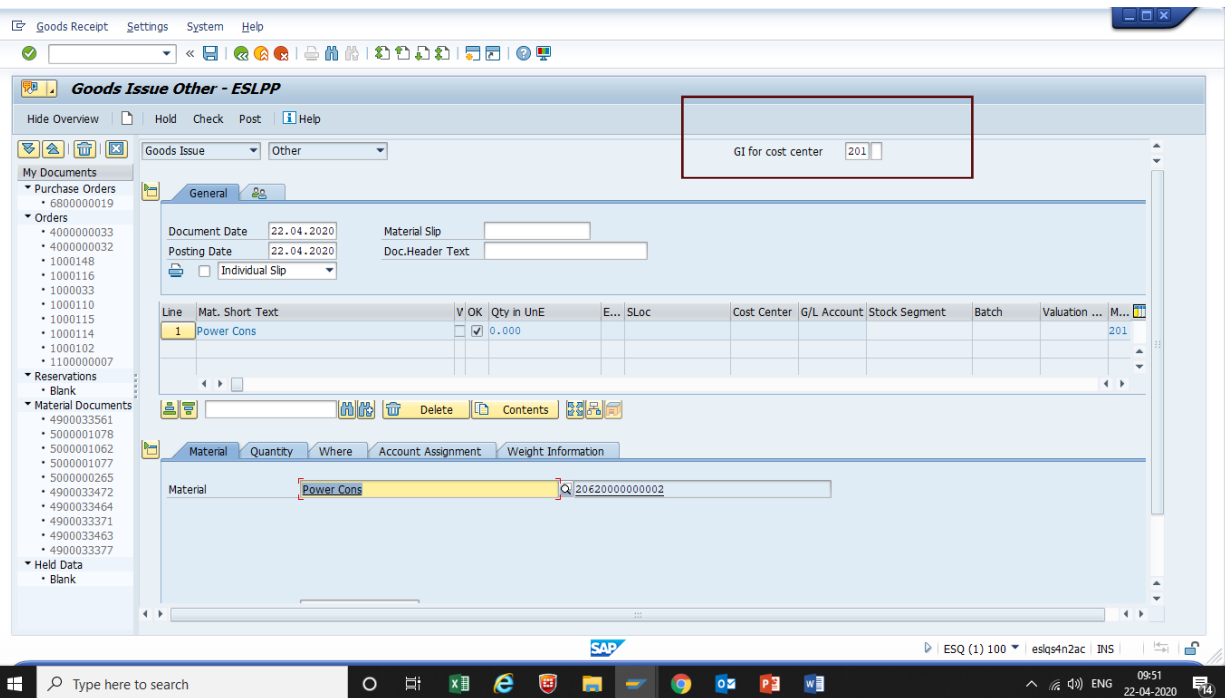
Material	Quantity	U...	Plant	St...	Reqmnt Segment	Stock Segment	Batch	Valuation ...	D...	M
20620000000002	100	M...	1000	POW1					S	1
20600000000002		60M...	1000	POW					H	2

SAP ESQ (1) 100 eslqs4n2ac INS 6:10 AM 4/14/2020

Click on save to finally confirm the order.

Process of Power loss/excess booking

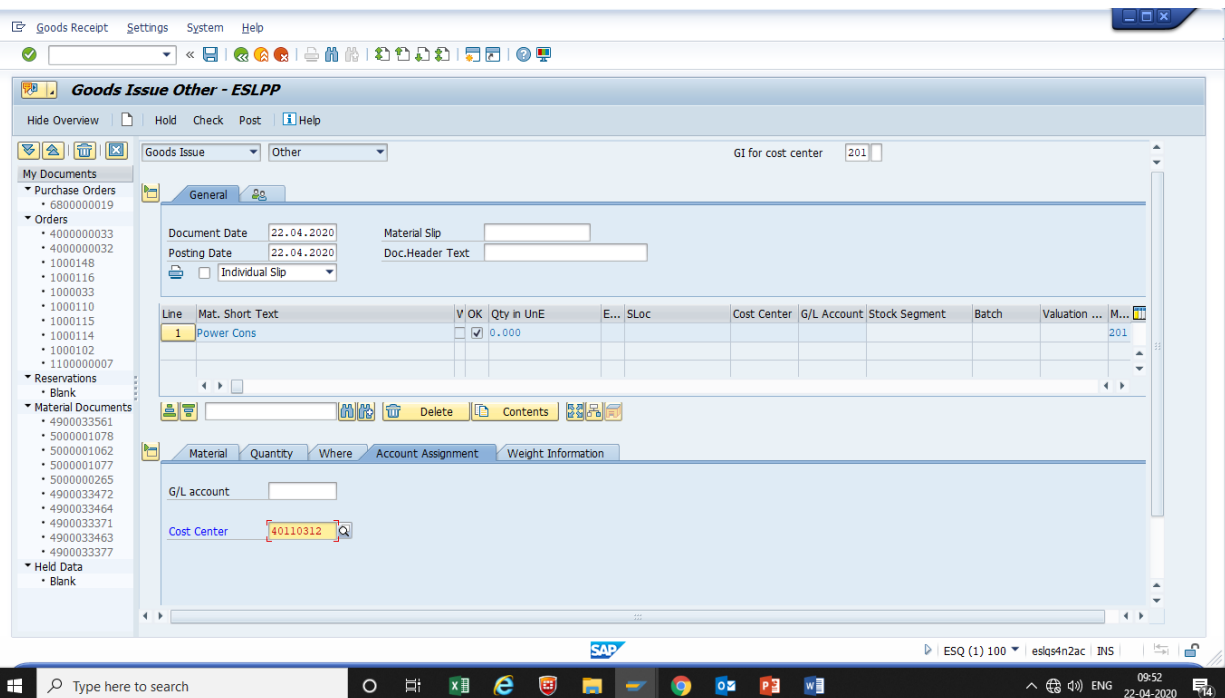
1. Go to T code – MIGO



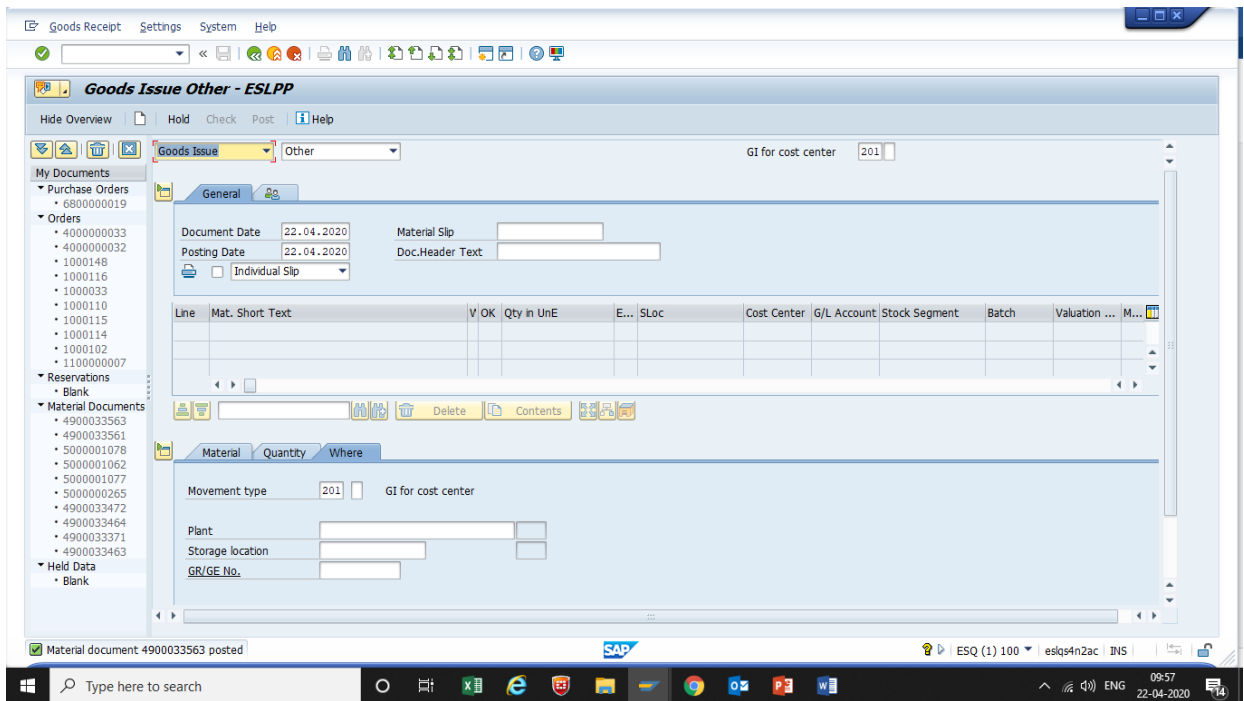
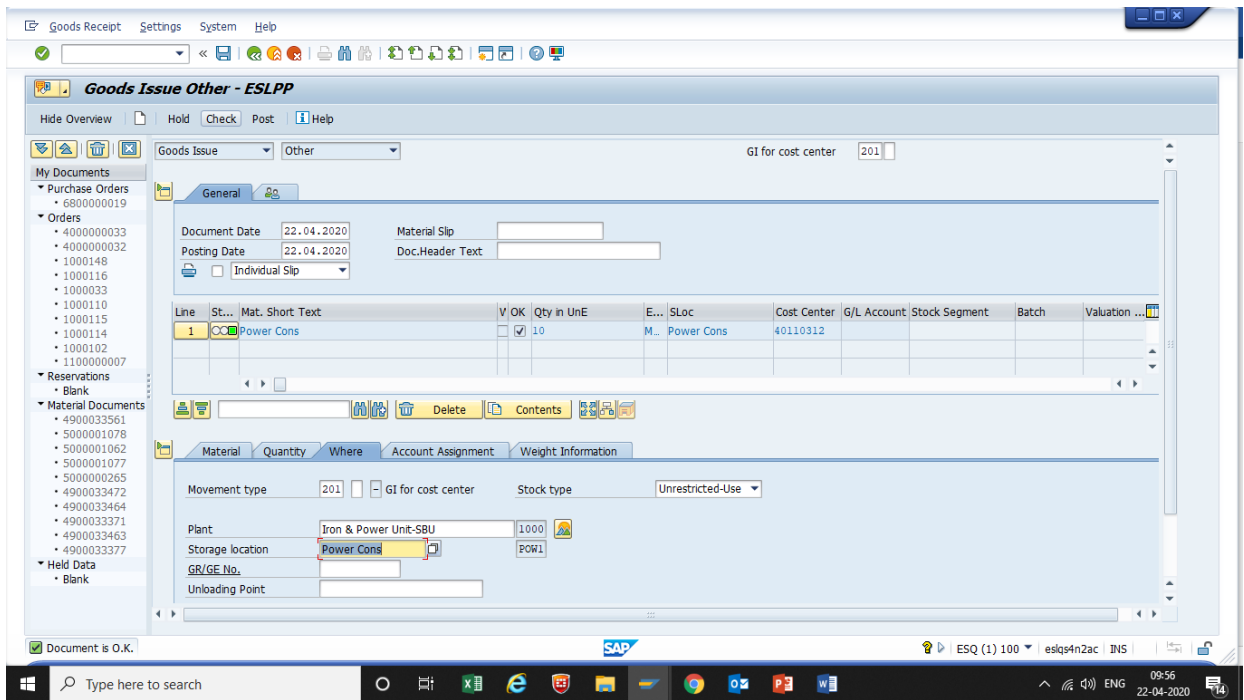
Select goods issue/other

GI for cost Center

Enter material code for Power Cons



Fill the cost center for common area admin 40110312



Scrapping of Power Loss/Gain

Same process as above but in place of 201 select 551 as show below

Goods Receipt Settings System Help

Goods Issue Other - ESLPP

Hide Overview Hold Check Post Help

Goods Issue Other GI for cost center 551

My Documents

- Purchase Orders
 - 6800000019
- Orders
 - 4000000033
 - 4000000032
 - 1000148
 - 1000116
 - 1000033
 - 1000110
 - 1000115
 - 1000114
 - 1000102
 - 1100000007
- Reservations
 - Blank
- Material Documents
 - 4900033563
 - 4900033561
 - 5000001078
 - 5000001062
 - 5000001077
 - 5000002625
 - 4900033472
 - 4900033464
 - 4900033371
 - 4900033463
- Held Data
 - Blank

General

Document Date 22.04.2020 Material Slip
Posting Date 22.04.2020 Doc.Header Text
 Individual Slip

Line	Mat. Short Text	V OK	Qty in UnE	E...	SLoc	Cost Center	G/L Account	Stock Segment	Batch	Valuation ...	M...

Delete Contents

Material Quantity Where

Material 2062000000002

ESQ (1) 100 esqs4n2ac INS 09:57 22-04-2020

Stock Transfer Posting - ZMB1B_UPLD1

For the transfer of stock from one plant to other plant like 1000 to 2000 or 2000 to 3000 this T code will be used and this one will be the used in place of T code - mb1b just because of absolute in SAP HANA.

At a time, we can do one type of movement either 301 /309 / 343/ 311.

Zmb1b_upld1 is provided with provision to fill the data in excel & upload the file through selection of path.

For the transfer of stock through above T code. We have to fill the file in desired format.

Source Plant –

Material – Material code

Plant – Source plant

Store location – Source location

Movement type – 301 (1000 to 2000 plant), 311 (one location to other location), 343 (blocked stock to unrestricted).

Quantity – 1

Destination Plant –

Material Code of Destination material

Plant – Destination plant

Storage location – Destination location

Batch – Destination material batch

Vendor – Only for Secondary production departments.

Date of transfer posting of data.

A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	MATERIAL	PLANT	STGE_LOC	BATCH	MOVE_TYPE	Quantity	Unit of Measure	MOVE_MAT	MOVE_PLANT	MOVE_STLOC	MOVE_BATCH	Vendor	Date
2	DZH100K7	3000	DZHP	A30R6171AB	343	1		DZH100K7	3000	DZHP	A30R6171AB		01.08.2020
3													

Just after fill the data of this file.

After that you have to click on file path.

Select the start row number where data needs to be fetched. Then execute after upload of data you will get document successful posted message.

--END--

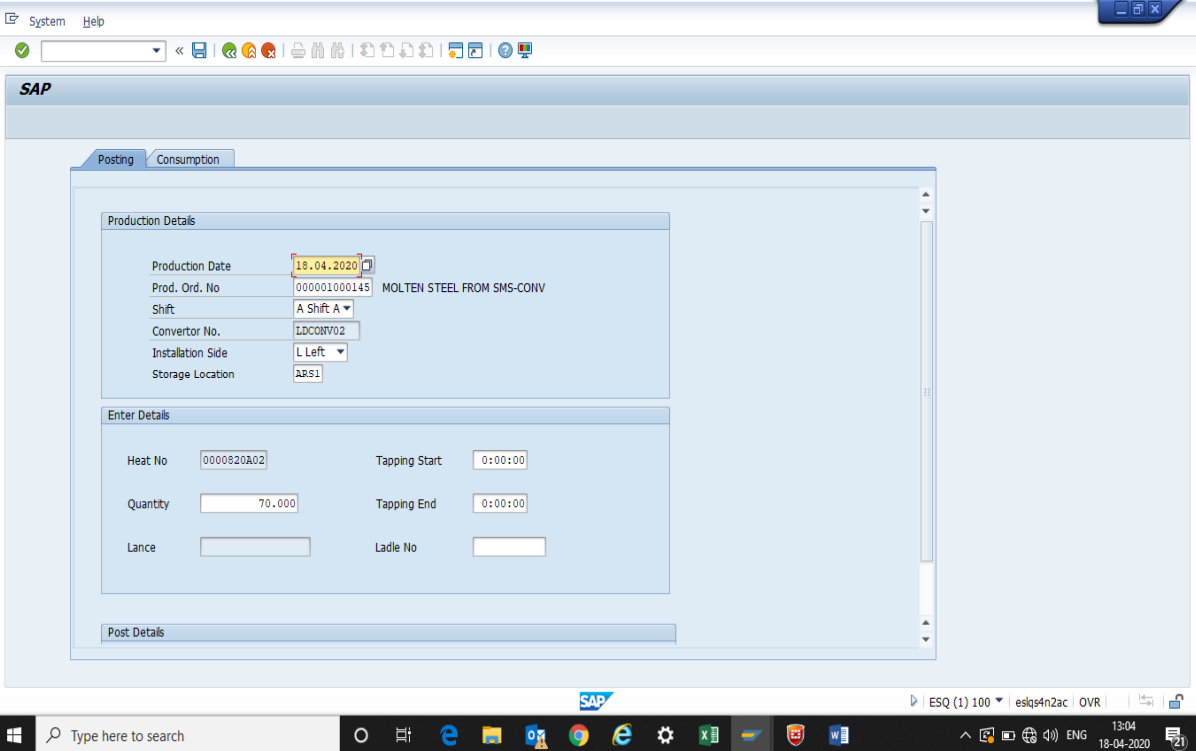
TRAINING MANUAL OF STEEL ZONE

SMS

TCODE – ZPP_GRCONV

For production booking of molten steel production order, shift, installation side and storage location needs to be filled

And then enter key needs to be given



The screenshot displays the SAP ZPP_GRCONV transaction interface. The window title is 'SAP' and the menu bar includes 'System' and 'Help'. The main area is divided into 'Posting' and 'Consumption' tabs. The 'Production Details' section contains the following fields:

Production Date	18.04.2020	
Prod. Ord. No	000001000145	MOLTEN STEEL FROM SMS-CONV
Shift	A Shift A	
Converter No.	LDCONT02	
Installation Side	L Left	
Storage Location	ARS1	

The 'Enter Details' section contains the following fields:

Heat No	0000820202	Tapping Start	0:00:00
Quantity	70.000	Tapping End	0:00:00
Lance		Ladle No	

The 'Post Details' section is currently empty. The bottom status bar shows 'ESQ (1) 100 | esq4n2ac | OVR |' and the Windows taskbar at the bottom indicates the time as 13:04 on 18-04-2020.

Qty needs to be given and then save button needs to be executed

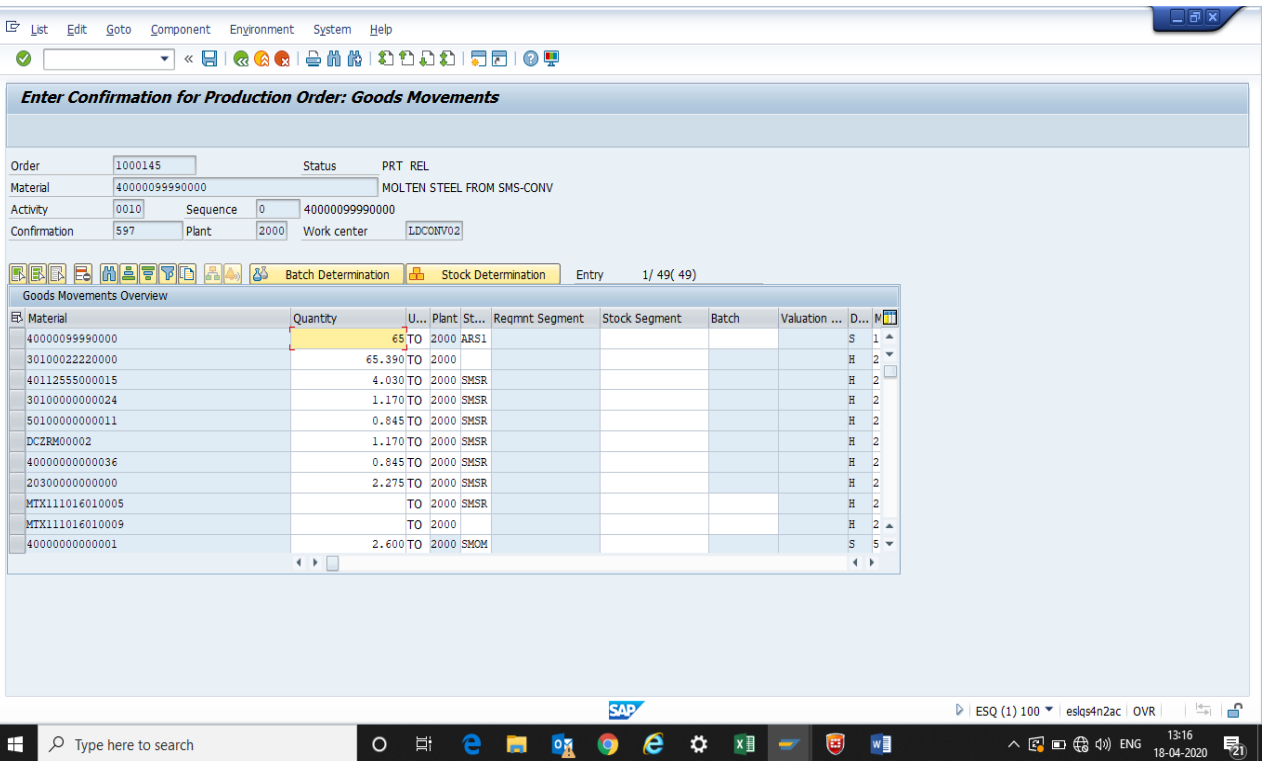
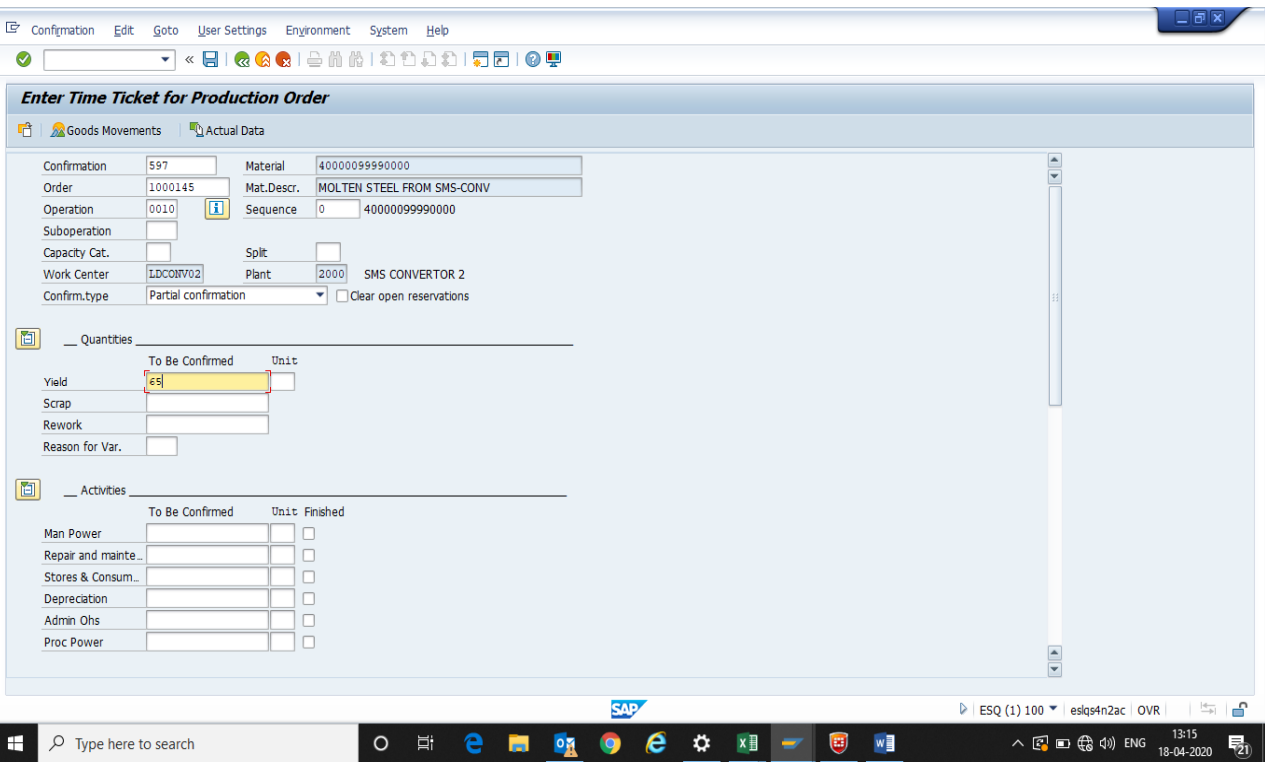
TCODE – CO11n

For consumption of molten steel produced in above mentioned process

Order number needs to be given and then yield for single heat needs to be given, check the date in which this consumption entry needs to be done and then move to goods movement.

Erase the first line by selection on the serial number and then consume all the materials as per actual consumption

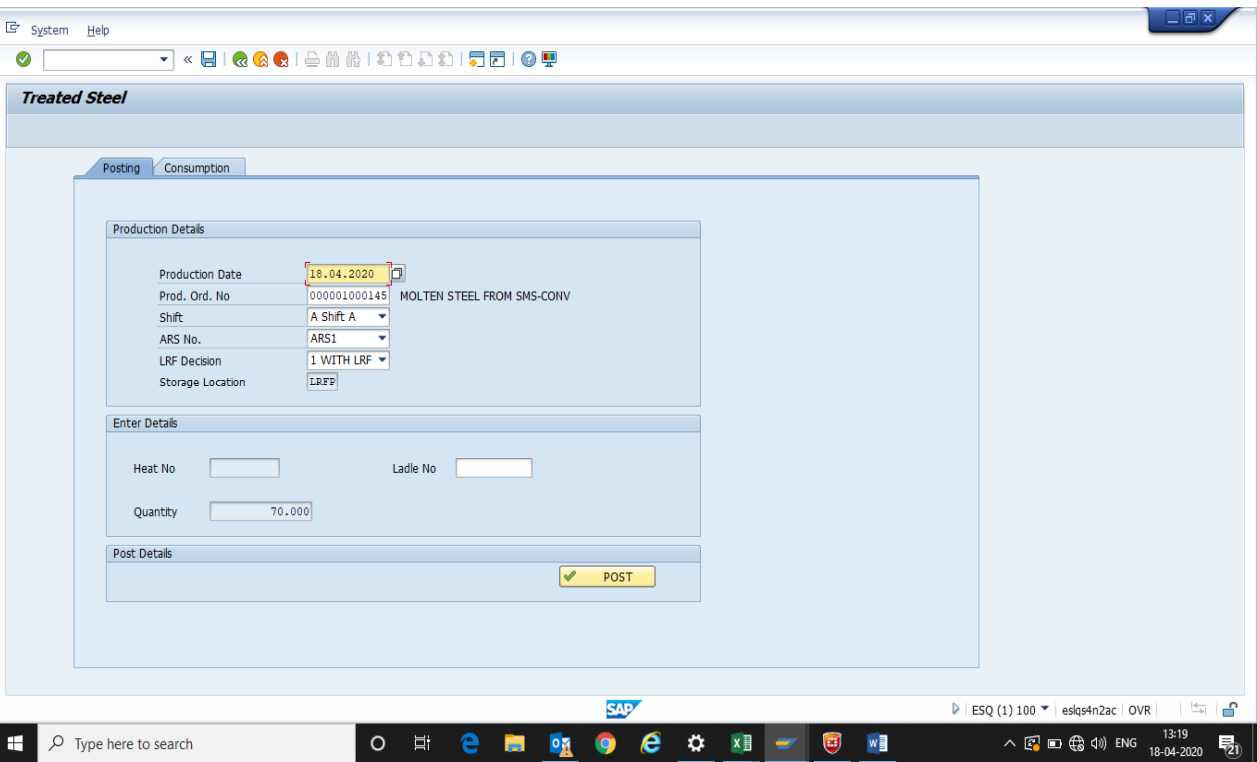
Hot metal for this heat will be consumed in this screen only.



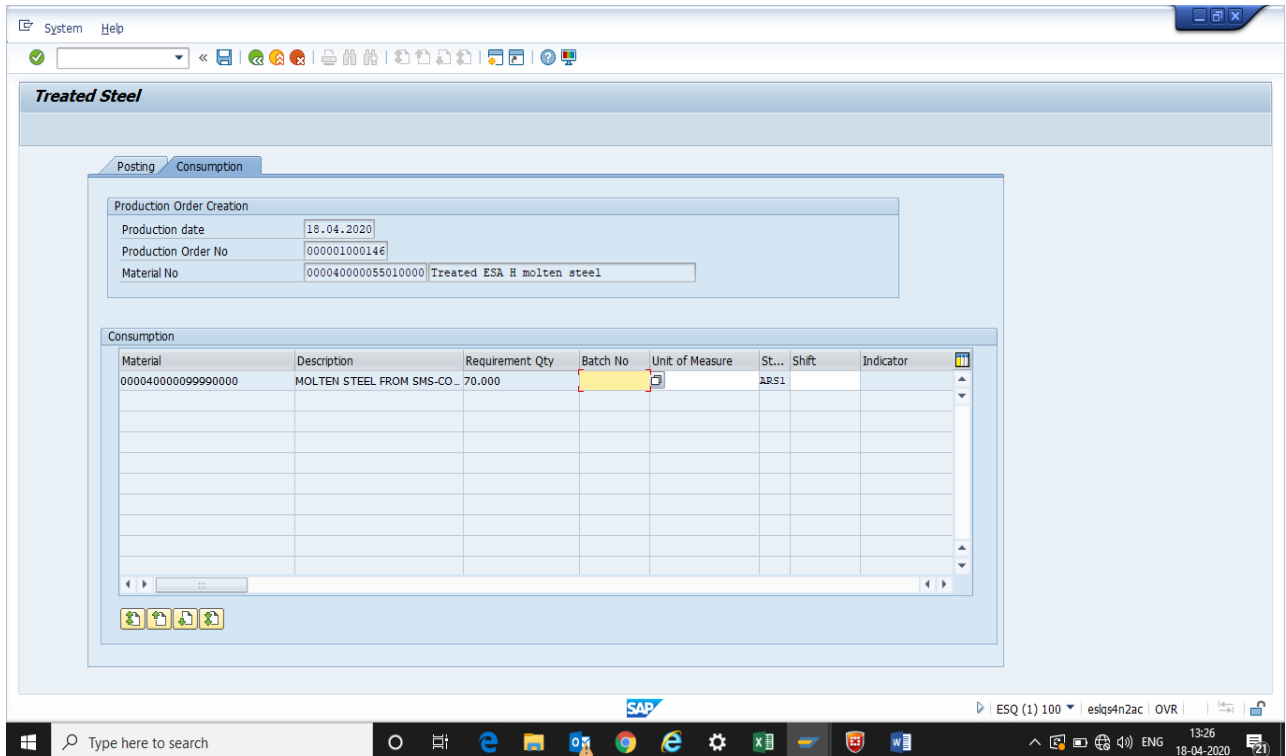
T code – ZPP_TSTEEL

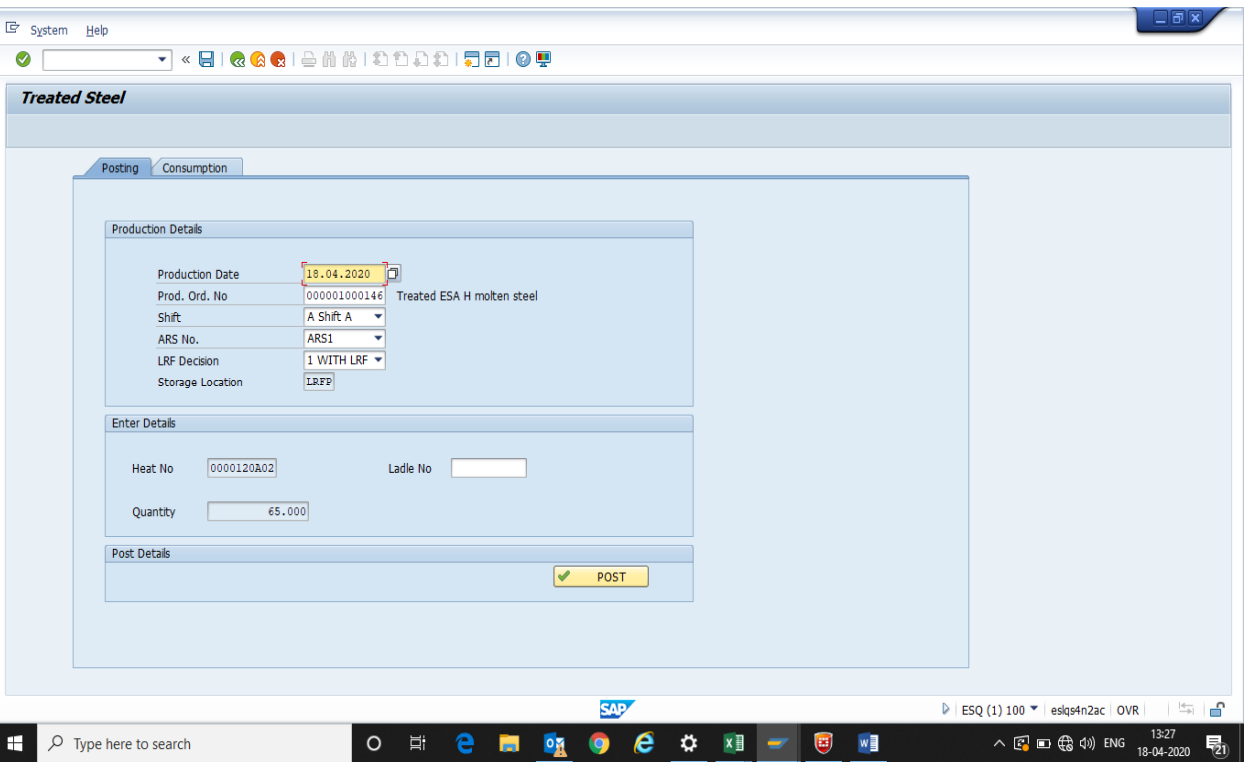
Through this T code we will be producing Treated molten steel by consuming molten steel produced above

We need to input production order, shift, ARS no., LRF decision



Now in consumption screen we need to give input of molten steel and then enter needs to be pressed then we can find the Heat no in the above mentioned screen



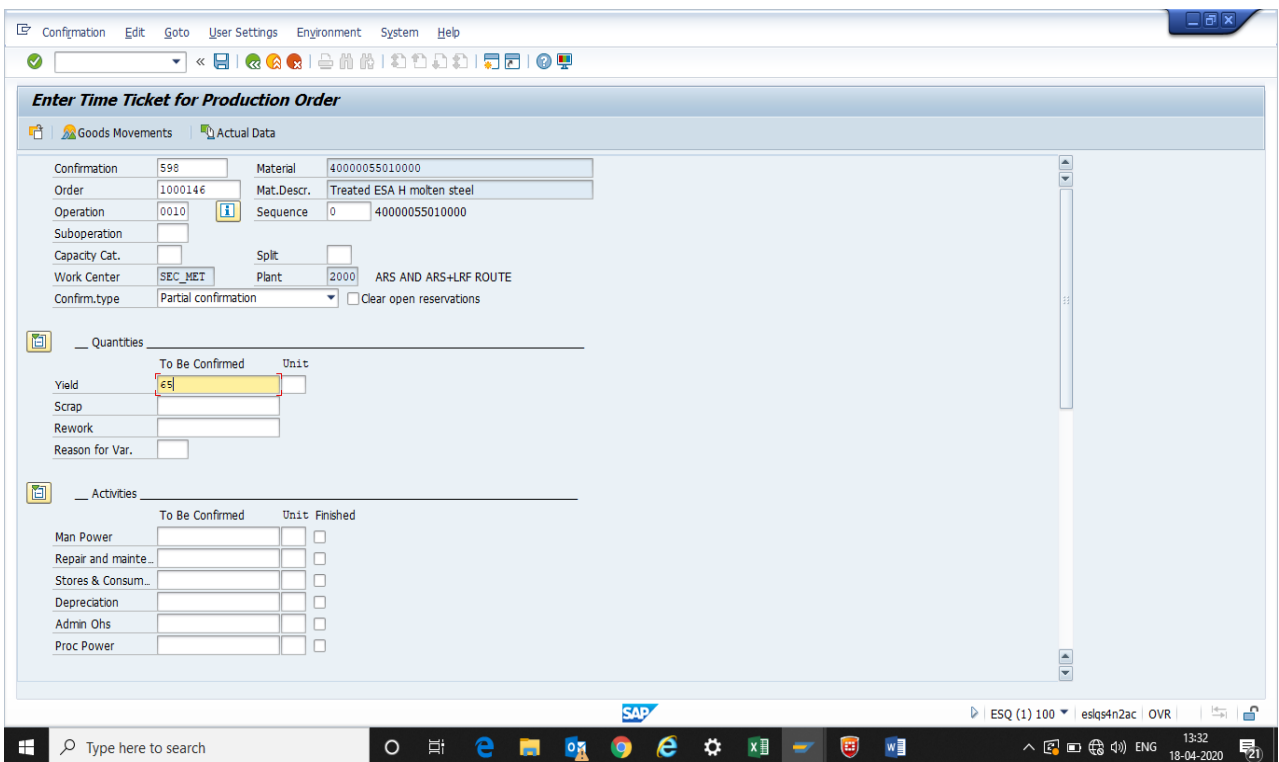


We can find the treated heat no. in the above screen and then post the qty

The treated heat should be same as molten steel

Now for consumption of Treated molten steel we need to consume the raw materials used for making treated molten steel

T code – CO11n



Move to Goods movement and then delete the 1st line and consume all the items

Order: 1000146 Status: PRT REL
Material: 40000055010000 Treated ESA H molten steel
Activity: 0010 Sequence: 0 40000055010000
Confirmation: 598 Plant: 2000 Work center: SEC_MEI

Batch Determination Stock Determination Entry 1/ 36(36)

Material	Quantity	U...	Plant	St...	Reqmnt Segment	Stock Segment	Batch	Valuation ...	D...
40000055010000	65	TO	2000						S 1
40000099990000	65	TO	2000	ARS1					H 2
MCE123523000260	0.016	TO	2000	SMOM					H 2
MFL151015120001	0.013	TO	2000	EMEM					H 2
MCE123521000031	0.046	TO	2000						H 2
MTX111017120003	0.013	TO	2000	SMOM					H 2
MTX111723030001	0.085	TO	2000	SMOM					H 2
MCV302656020001		TO	2000						H 2
MCE123523000253		TO	2000	SMSR					H 2
MTX111015240001		TO	2000						H 2
MRW311518000021		TO	2000	SMOM					H 2

Once consumption for treated steel is done we need to move to casting of these treated molten steel.

T code – ZPP_CASTER_SALE

Order number, shift, storage location and molten steel needs to be given as input

Billet no's needs to be given as input

SAP

Billet Declaration Consumption Data

Details

Production date: 18.04.2020 Converter No: Converter1
 Production Order No: 000001000147
 Material No: 000040115055001206 BILLET 150X150 ESA H 12MTR
 Storage Location: SMBL
 Shift: A Shift Caster No: BCT01
 Quantity: 62.700 Heat No: 00002

Billet Count

Strand A Total: 6
 Strand B Total: 6
 Strand C Total: 6
 Strand D Total: 6
 Strand E Total: 6
 Total Billets: 30

Post

Billets

Please enter the Billet numbers and corresponding weights

A	Billet A	Length A	B	Billet B	Length B	C	Billet C	Length C	D	Billet D	Length D	E	Billet E	Length E
1	0000220X01	12.00	2	0000220X02	12.00	3	0000220X03	12.00	4	0000220X04	12.00	5	0000220X05	12.00
6	0000220X06	12.00	7	0000220X07	12.00	8	0000220X08	12.00	9	0000220X09	12.00	10	0000220X10	12.00
11	0000220X11	12.00	12	0000220X12	12.00	13	0000220X13	12.00	14	0000220X14	12.00	15	0000220X15	12.00
16	0000220X16	12.00	17	0000220X17	12.00	18	0000220X18	12.00	19	0000220X19	12.00	20	0000220X20	12.00
21	0000220X21	12.00	22	0000220X22	12.00	23	0000220X23	12.00	24	0000220X24	12.00	25	0000220X25	12.00
26	0000220X26	12.00	27	0000220X27	12.00	28	0000220X28	12.00	29	0000220X29	12.00	30	0000220X30	12.00

ESQ (1) 100 | eslq4n2ac | OVR | 13:42 | 18-04-2020

SAP

Billet Declaration Consumption Data

Production Order Details

Production date: 18.04.2020
 Production Order No: 000001000147
 Material No: 000040115055001206 BILLET 150X150 ESA H 12MTR

Consumption

Material	Description	Requirement Quantity	Heat No	Unit of Measure	S. ...	Shift	Indicator
000040000055010000	Treated ESA H molten ste...	100.000	0000220A01	TO		ARS1	
000040100000000001	Caster Scrap	30		TO			

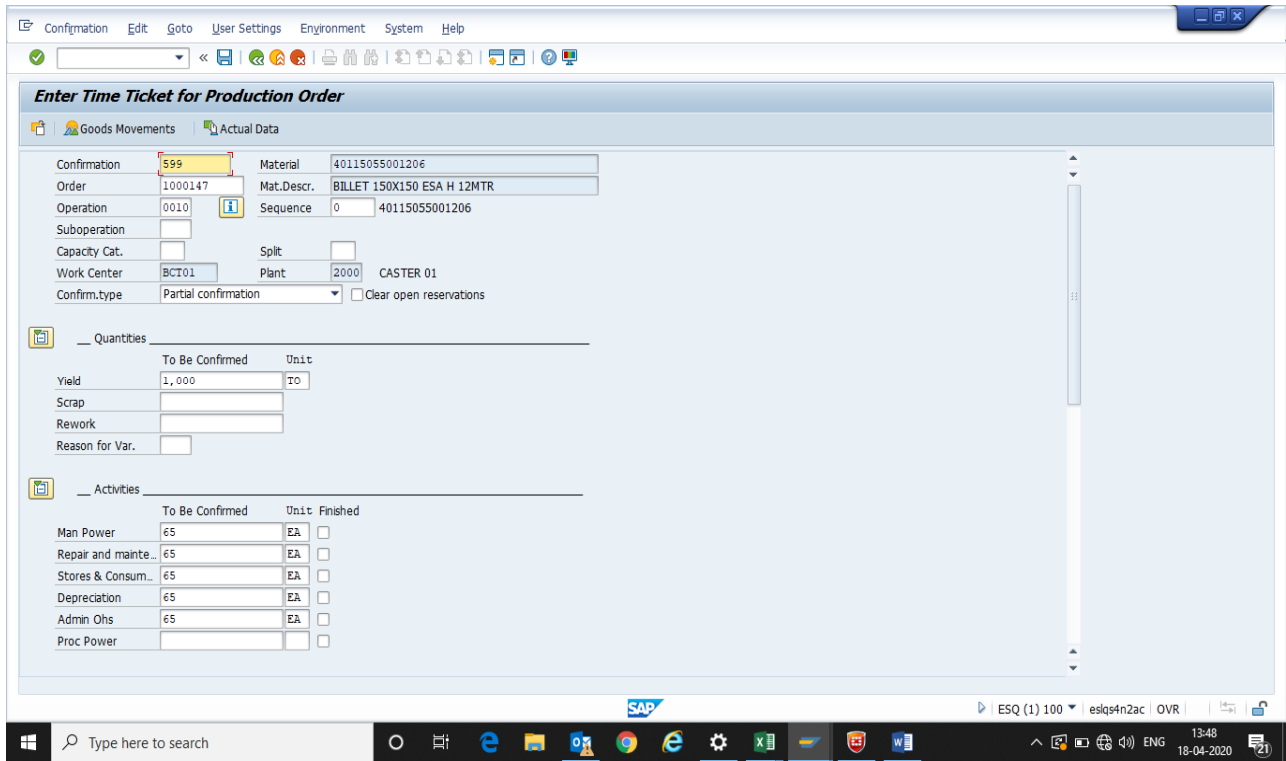
ESQ (1) 100 | eslq4n2ac | OVR | 13:44 | 18-04-2020

Caster scrap formulae should be treated molten steel qty – Billet produced

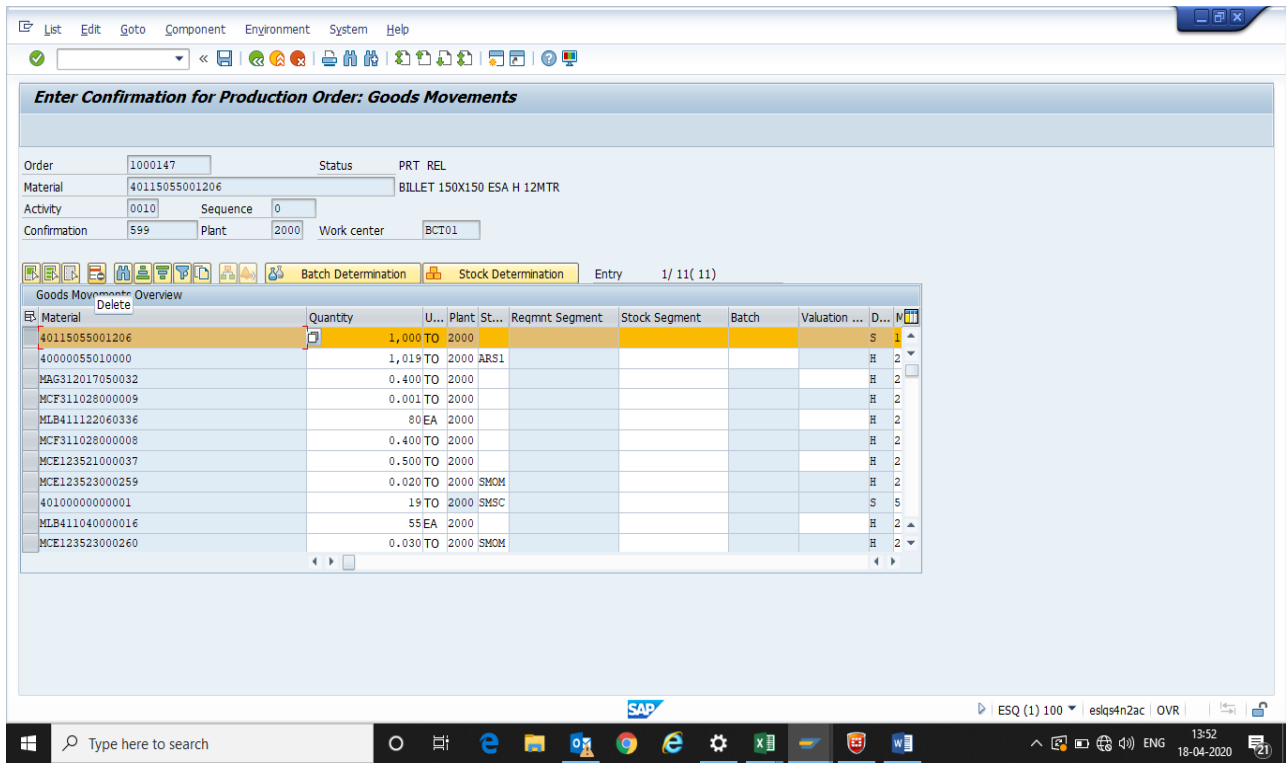
Consumption of Billet produced

Tcode – CO11n

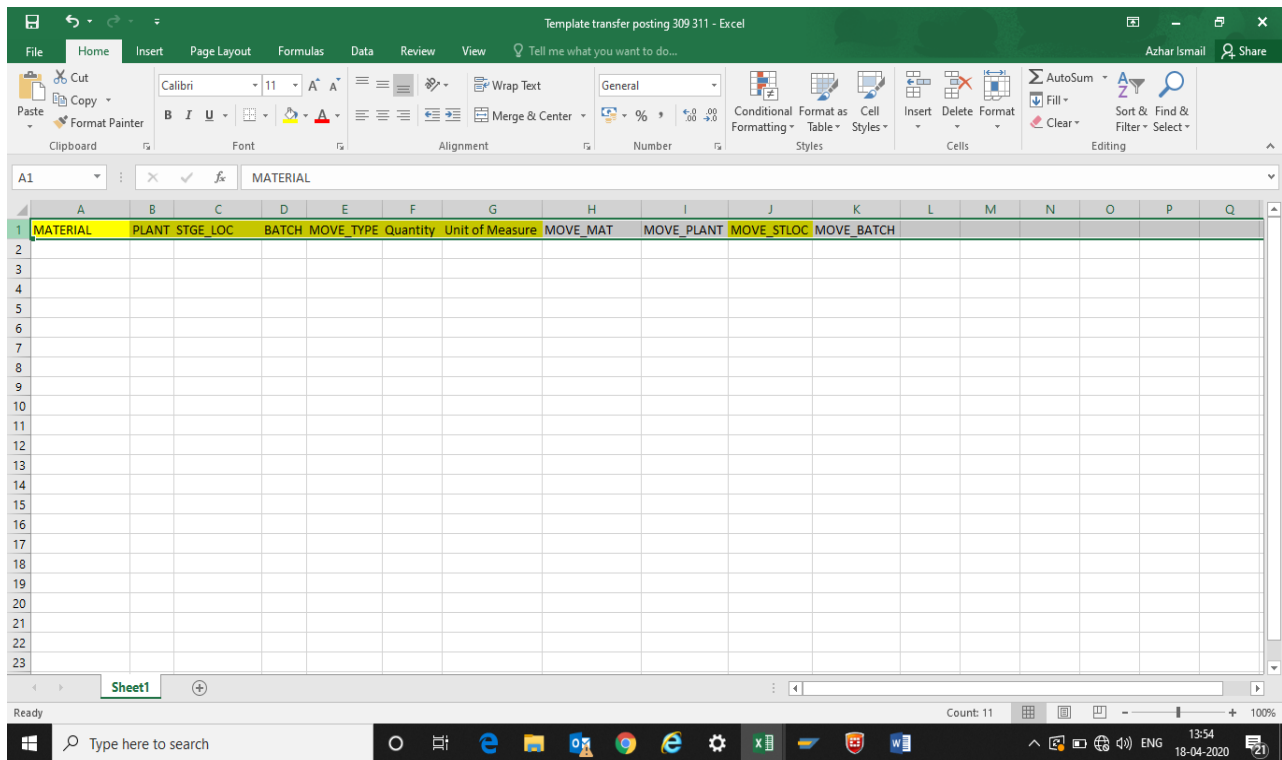
Yield to be confirmed for billet produced, the activities should be same as the yield.



Move to goods movement and then delete the first line and then book all the consumables



Once billets are produced then we need to transfer the billets to required storage locations of Bar mill and WRM
 T code – ZMB1B_UPLD1



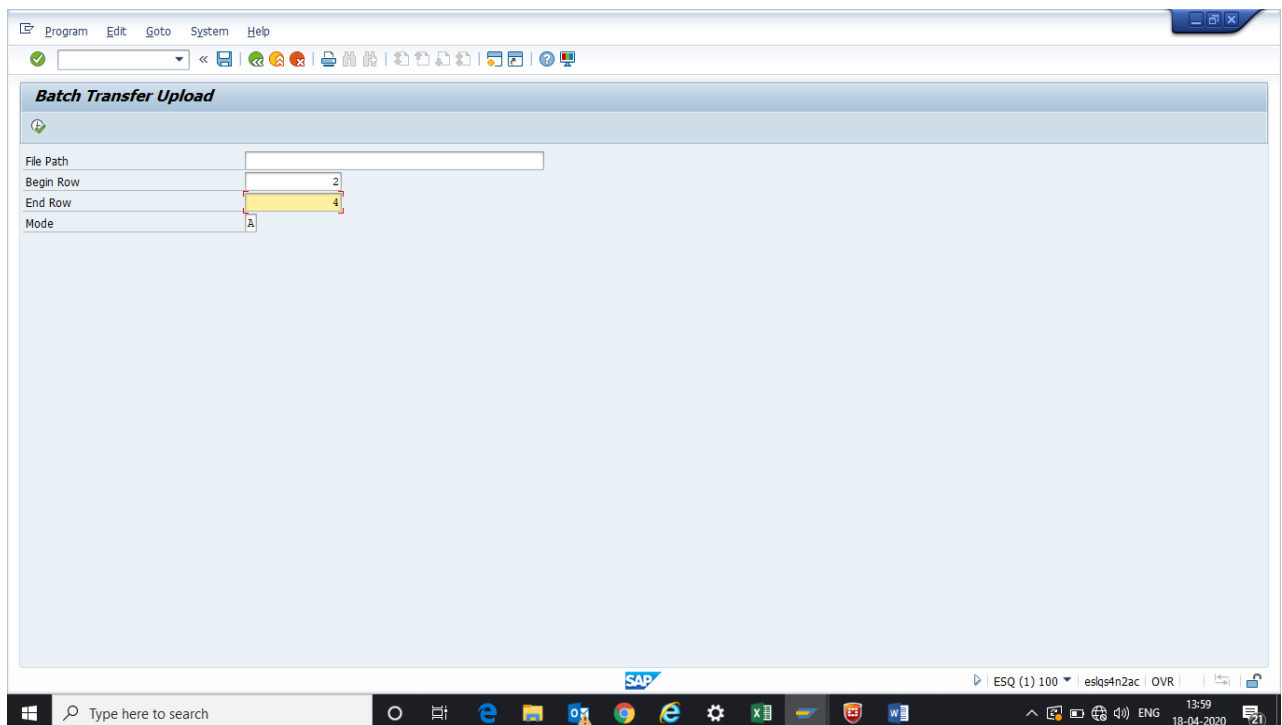
In this excel sheet we need to give **FROM** material type, plant – 2000, Storage loc – SMBL, batch of billet, QTY of each batch – 2.101, Movt type – 311, Unit of measure – To for ton,

Similarly, for

TO material – Move_mat, Move_plant, move_Sloc, Move_batch

Then we need to upload the excel sheet and then give the number of rows and then run the t code

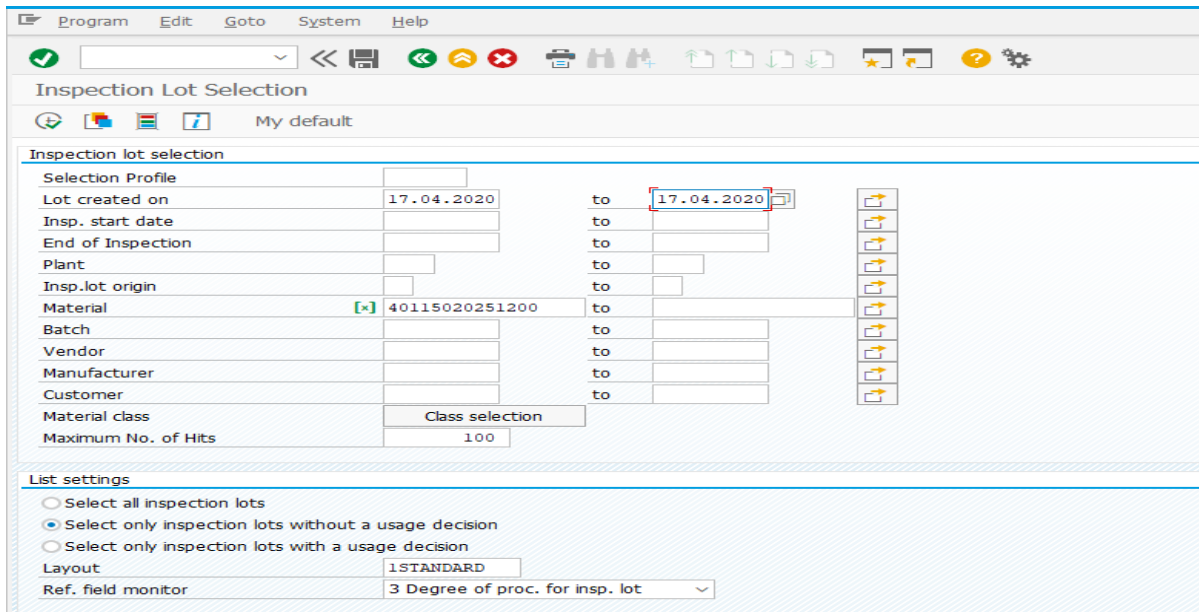
The end row should be given



The material automatically moves to defined storage locations

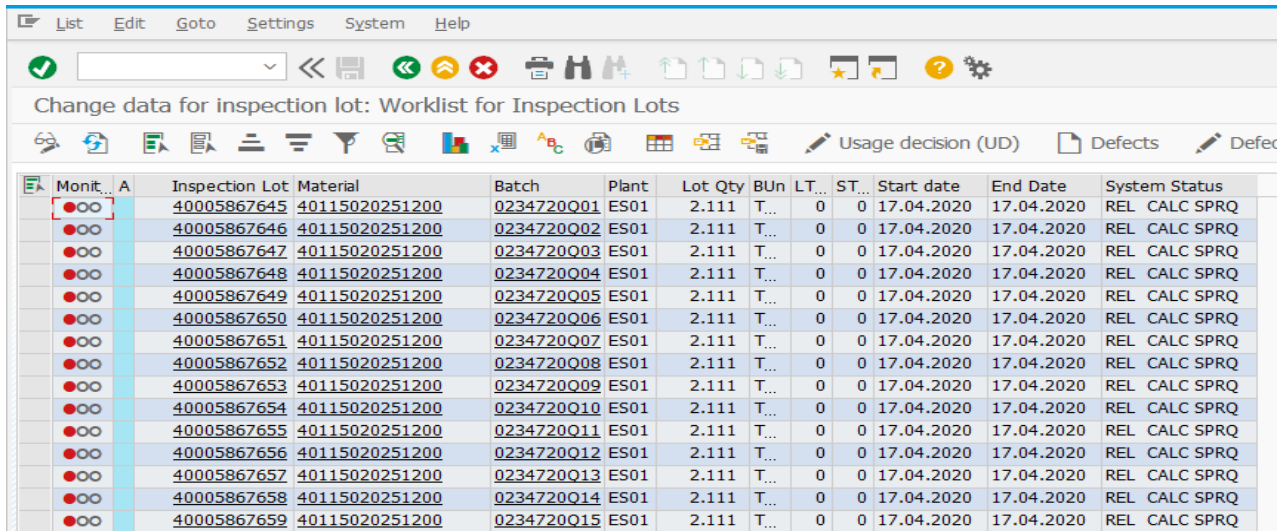
SMS – QUALITY

TCODE – QA32



Press On Execute Button.

RESULT RECORDING



Monit... A	Inspection Lot	Material	Batch	Plant	Lot Qty	BUn	LT...	ST...	Start date	End Date	System Status
●○○	40005867645	40115020251200	0234720Q01	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○	40005867646	40115020251200	0234720Q02	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○	40005867647	40115020251200	0234720Q03	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○	40005867648	40115020251200	0234720Q04	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○	40005867649	40115020251200	0234720Q05	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○	40005867650	40115020251200	0234720Q06	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○	40005867651	40115020251200	0234720Q07	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○	40005867652	40115020251200	0234720Q08	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○	40005867653	40115020251200	0234720Q09	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○	40005867654	40115020251200	0234720Q10	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○	40005867655	40115020251200	0234720Q11	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○	40005867656	40115020251200	0234720Q12	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○	40005867657	40115020251200	0234720Q13	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○	40005867658	40115020251200	0234720Q14	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○	40005867659	40115020251200	0234720Q15	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ

Change data for inspection lot: Worklist for Inspection Lots

Monit...	A	Inspection Lot	Material	Batch	Plant	Lot Qty	BUn	LT...	ST...	Start date	End Date	System Status
●○○		40005867645	40115020251200	0234720001	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867646	40115020251200	0234720002	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867647	40115020251200	0234720003	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867648	40115020251200	0234720004	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867649	40115020251200	0234720005	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867650	40115020251200	0234720006	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867651	40115020251200	0234720007	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867652	40115020251200	0234720008	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867653	40115020251200	0234720009	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867654	40115020251200	0234720010	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867655	40115020251200	0234720011	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867656	40115020251200	0234720012	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867657	40115020251200	0234720013	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867658	40115020251200	0234720014	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867659	40115020251200	0234720015	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ

Select the inspection lot and click on "Result".

Change data for inspection lot: Worklist for

Current node no. (1) 2 Entries found

Restrictions

Op...	Short text	Insp.-rel. Work Ctr	Plnt	Seq.
0010	PHYSICAL PROPERTIES	▲		0
0020	CHEMICAL PROPERTIES	▲		0

Monit...	A	Inspection Lot	Material
●○○		40005867645	40115020251200
●○○		40005867646	40115020251200
●○○		40005867647	40115020251200
●○○		40005867648	40115020251200
●○○		40005867649	40115020251200
●○○		40005867650	40115020251200
●○○		40005867651	40115020251200
●○○		40005867652	40115020251200
●○○		40005867653	40115020251200
●○○		40005867654	40115020251200
●○○		40005867655	40115020251200
●○○		40005867656	40115020251200
●○○		40005867657	40115020251200
●○○		40005867658	40115020251200
●○○		40005867659	40115020251200

Select "CHEMICAL PROPERTIES" and fill result.

Results Edit Goto Extras Settings Environment System Help

Record Results: Characteristic Overview

Defects... Inspection Method Control chart Histogram Run values (run chart) Results history Valuation parameter...

Material 40115020251200 Billet 150X150 4 SP 12mtr Batch 0234720Q01

Insp. Lot 40005867645

Oper./Act. 0020 CHEMICAL PROPERTIES PInt ES01

Order 200001249

General Summarized Indicators

A...	R...	S...	Short text for the i...	Specifications	Inspect	Inspected	Si...	Result	Original Va...	V...	Defect ...	Attribute	Insp.descriptn	L...	C...	Char
	2		Carbon	0.100 .. 0.250 %	1	1		0.1000	0.1							11
	2		Manganese	0.400 .. 1.200 %	1	1		0.4000	0.4							21
	2		Sulphur	0.001 .. 0.040 %	1	1		0.0010	0.001							31
	2		Phosphorus	0.001 .. 0.040 %	1	1		0.0010	0.001							41
	2		Silicon	0.100 .. 0.400 %	1	1		0.1000	0.1							51
	2		Copper	0.001 .. 0.020 %	1	1		0.0010	0.001							61
	2		Chromium	0.001 .. 0.100 %	1	1		0.0010	0.001							71
	2		MOLYBDENUM	0.0001 .. 0.0010 %	1	1		0.00010	0.0001							81
	2		VANADIUM	0.001 .. 0.010 %	1	1		0.0010	0.001							91
	2		Nickel	0.001 .. 0.010 %	1	1		0.0010	0.001							101
	0		Carbon Equivalent	0.280 .. 0.420 %	1	0										111
	0		MICRO ALLOYING EL...	%	1											121
	0		Nb	0.000 .. 0.000 %	1											131
	2		Boron	0.0001 .. 0.0010 %	1	1		0.00010	0.0001							141

Results Edit Goto Extras Settings Environment System Help

Record Results: Characteristic Overview

Defects... Inspection Method Control chart Histogram Run values (run chart) Results history Valuation parameter...

Material 40115020251200 Billet 150X150 4 SP 12mtr Batch 0234720Q01

Insp. Lot 40005867645

Oper./Act. 0020 CHEMICAL PROPERTIES PInt ES01

Order 200001249

General Summarized Indicators

Manual Valuation

Char. 10 Carbon

Make a decision:

Accept

Reject

A...	R...	S...	Short text for the i...	Specifications	Inspect	Inspected	Si...	Result	Original Va...	V...	Defect ...	Attribute	Insp.descriptn	L...	C...	Char
	2		Carbon	0.100 .. 0.250 %	1	1		0.1000	0.1							11
	2		Manganese	0.400 .. 1.200 %	1	1		0.4000	0.4							21
	2		Sulphur	0.001 .. 0.040 %	1	1		0.0010	0.001							31
	2		Phosphorus	0.001 .. 0.040 %	1	1		0.0010	0.001							41
	2		Silicon	0.100 .. 0.400 %	1	1		0.1000	0.1							51
	2		Copper	0.001 .. 0.020 %	1	1		0.0010	0.001							61
	2		Chromium	0.001 .. 0.100 %	1	1		0.0010	0.001							71
	2		MOLYBDENUM	0.0001 .. 0.0010 %	1	1		0.00010	0.0001							81
	2		VANADIUM	0.001 .. 0.010 %	1	1		0.0010	0.001							91
	2		Nickel	0.001 .. 0.010 %	1	1		0.0010	0.001							101
	0		Carbon Equivalent	0.280 .. 0.420 %	1	0										111
	0		MICRO ALLOYING EL...	%	1											121
	0		Nb	0.000 .. 0.000 %	1											131
	2		Boron	0.0001 .. 0.0010 %	1	1		0.00010	0.0001							141

Save the entries.

UD

Select the line and press on "Usage Decision".

Monit...	A	Inspection Lot	Material	Batch	Plant	Lot Qty	BUn	LT...	ST...	Start date	End Date	System Status
●○○		40005867645	40115020251200	0234720Q01	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	INSP RREC SPRQ
●○○		40005867646	40115020251200	0234720Q02	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867647	40115020251200	0234720Q03	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867648	40115020251200	0234720Q04	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867649	40115020251200	0234720Q05	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867650	40115020251200	0234720Q06	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867651	40115020251200	0234720Q07	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867652	40115020251200	0234720Q08	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867653	40115020251200	0234720Q09	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867654	40115020251200	0234720Q10	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867655	40115020251200	0234720Q11	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867656	40115020251200	0234720Q12	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867657	40115020251200	0234720Q13	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867658	40115020251200	0234720Q14	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●○○		40005867659	40115020251200	0234720Q15	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ

Select the UD Code (Either Accept Or Reject) accordingly.

Usage Decision for Inspection Lot

- Decision
- 01 Goods receipt (Wareneingang)
- 02 Goods issue (Warenausgang)
- 03 Production
- 04 Goods receipt from production
 - A Accept
 - A1 Other batch
 - A2 Other material
 - R Rejected
 - R1 Return Delivery
 - R2 Rework
 - R3 Scrapping
 - R4 Start 100% inspection
 - RQ Reject and start Q-activity
 - X Other usage decision (see the UD text)
 - A0 Acceptance (automatic stock posting)
- 05 Goods receipt (Wareneingang)
- 07 Vendor audit (Lieferantenaudit)
- 09 Deadline monitoring (Terminüberw.)

UD code:

Quality score: From usage decision code:

FollowUpActn:

Choose

Press on Inspected Lot Stock tab.

Usage decision Edit Goto Extras Environment Inspection processing System Help

Record Usage Decision: Stock

Stock posting log Material documents.. Stock Inspection Lot Change history...

Inspection Lot 40005867645
 Material 40115020251200 Billet 150X150 4 SP 12mtr
 Batch 0234720Q01 SMBL
 System Status UD ICCO SPRQ UserStatus
 Insp. End Date 17.04.2020
 Rake No. Vechile No.

Defects Characteristics Inspection lot stock

Insp. Lot Qty 2.111 TON Insp. stock
 Sample size 0.000 TON

Quantity posted To be posted

Total	0.000	0.000
To unrestricted use	0.000	2.111
To scrap	0.000	
To sample usage	0.000	
To blocked stock	0.000	
To new material	0.000	
To reserves	0.000	
Return Delivery	0.000	

StLoc SMBL Proposal
 Document
 Document
 Document
 Doc. Item
 Document
 Material
 Document
 Document

Save it.

After refreshing, line will be disappeared from list.

List Edit Goto Settings System Help

Change data for inspection lot: Worklist for Inspection Lots

Usage decision (UD) Defects Defec

Monit...	A	Inspection Lot	Material	Batch	Plant	Lot Qty	BUN	LT...	ST...	Start date	End Date	System Status
●●		40005867646	40115020251200	0234720Q02	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●●		40005867647	40115020251200	0234720Q03	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●●		40005867648	40115020251200	0234720Q04	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●●		40005867649	40115020251200	0234720Q05	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●●		40005867650	40115020251200	0234720Q06	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●●		40005867651	40115020251200	0234720Q07	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●●		40005867652	40115020251200	0234720Q08	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●●		40005867653	40115020251200	0234720Q09	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●●		40005867654	40115020251200	0234720Q10	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●●		40005867655	40115020251200	0234720Q11	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●●		40005867656	40115020251200	0234720Q12	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●●		40005867657	40115020251200	0234720Q13	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●●		40005867658	40115020251200	0234720Q14	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ
●●		40005867659	40115020251200	0234720Q15	ES01	2.111	T...	0	0	17.04.2020	17.04.2020	REL CALC SPRQ

END...

Rebar MILL –

Consumption of Billets –

Once Billets are transferred to bar mill storage location (BMBY)

We will run the following process

T code – ZPP_CHG_SHEET

Order number and display needs to be entered

Then we need to put the storage location (BMBY), batch (Billet batch), No of pcs – weight of Billet and weight as same weight of billet and then post the consumption

The screenshot shows the SAP Production Order Header and Material Details screen. The Production Order Header section includes fields for Production Order (1000148), Quantity (1,000.000), and Requirement qty (1,037.720). The Material Details section includes fields for Material (50110055001200), Description (REBAR IS 1786 FE500D DIA 10MM-L-12 MTR), Reservation (922), Posting Date (18.04.2020), and Shift (A). Below the details is a table with columns for Select, Stor.Locat, Billet No., No. Of Pcs., and Weight of Billet. The table contains 10 rows, each with a checkbox, a blank storage location, a blank billet number, and values of 1.000 for No. Of Pcs. and 0.000 for Weight of Billet.

Select	Stor.Locat	Billet No.	No. Of Pcs.	Weight of Billet
<input type="checkbox"/>			1.000	0.000
<input type="checkbox"/>			1.000	0.000
<input type="checkbox"/>			1.000	0.000
<input type="checkbox"/>			1.000	0.000
<input type="checkbox"/>			1.000	0.000
<input type="checkbox"/>			1.000	0.000
<input type="checkbox"/>			1.000	0.000
<input type="checkbox"/>			1.000	0.000
<input type="checkbox"/>			1.000	0.000
<input type="checkbox"/>			1.000	0.000

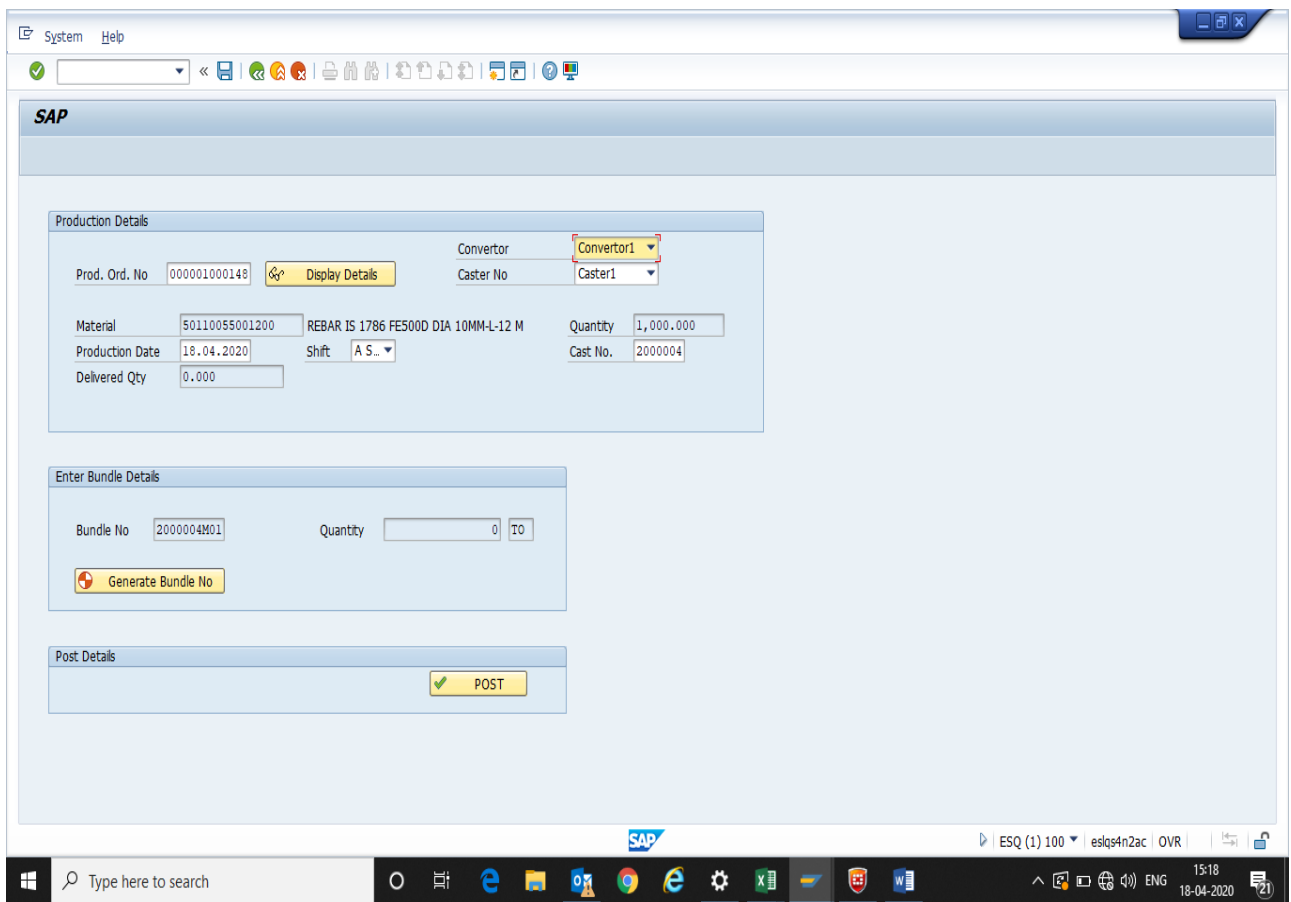
Production T code

ZPPTMT_MILL_PUR1 - Code for Production Booking TMT

We need to run the above mentioned T code and then we need to fill the input which is order no,converter and caster no and then cast no

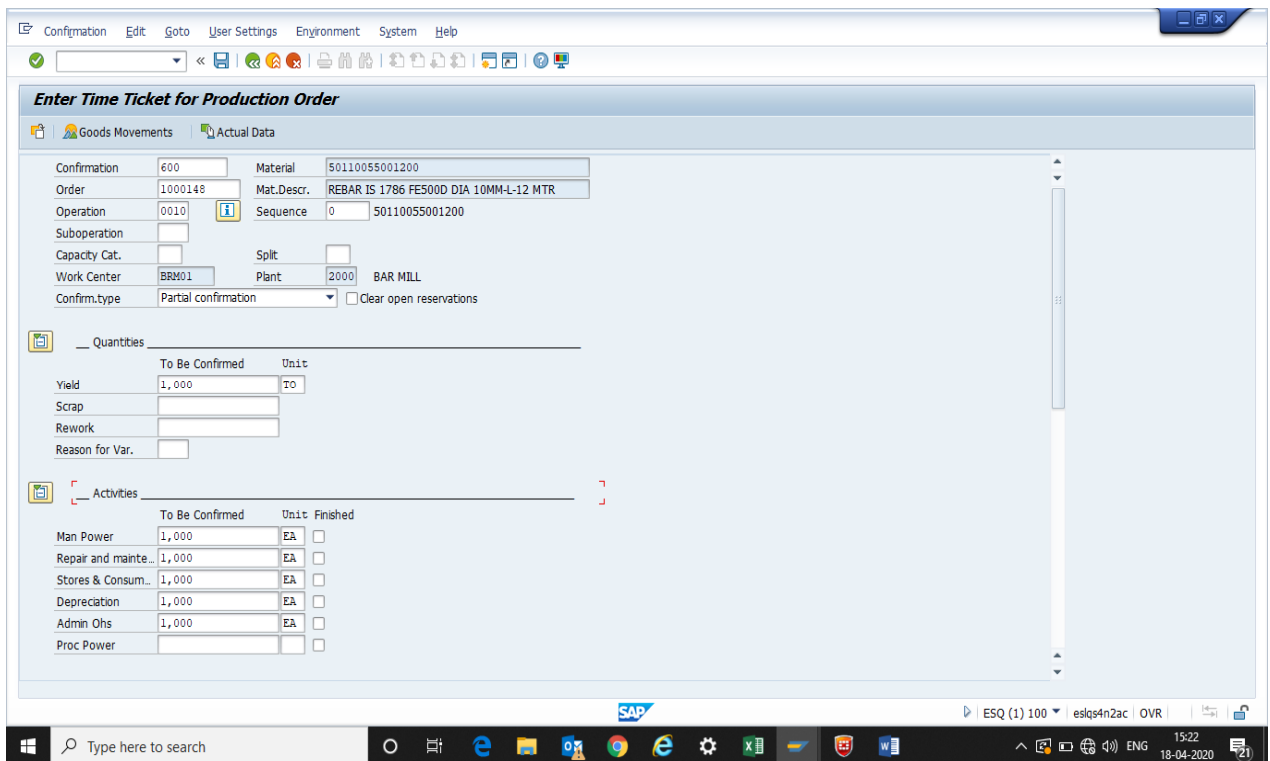
After that we can generate bundle and the weight would be captured automatically once bundle is kept in weighbridge

Once the weight of bundle comes accurately, post key will be executed



Consumption and By-Product generation capturing –

This will be done by CO11n screen in which we need to confirm the yield of the shift wise production and activities needs to be marked which will be same as yield



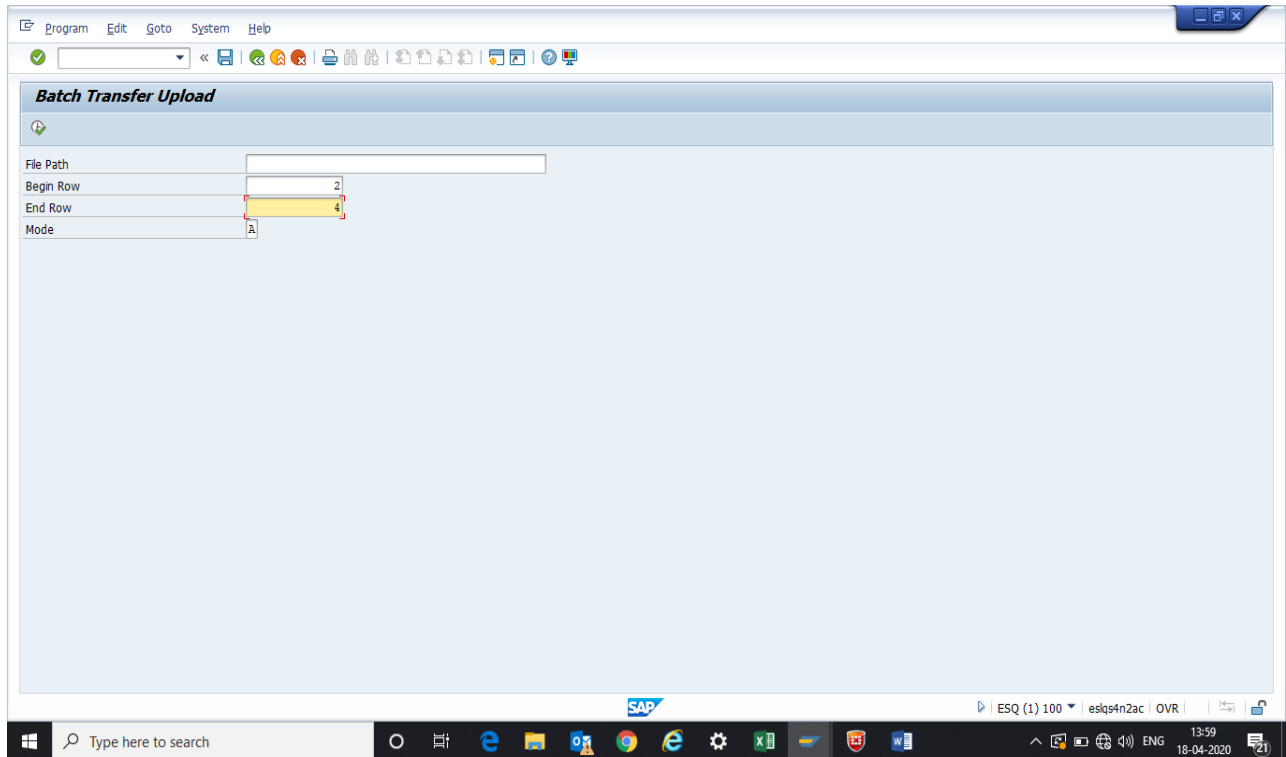
In this excel sheet we need to give **FROM** material type, plant – 2000, Storage loc – BMFY, batch of TMT, QTy of each batch – 3.5 t approx. , Movt type – 311, Unit of measure – To for ton,

Similarly, for

TO material – Move_mat, Move_plant, move_Sloc, Move_batch

Then we need to upload the excel sheet and then give the number of rows and then run the t code

The end row should be given



The material automatically moves to defined storage locations

QUALITY PROCESS OF TMT

TCODE – QA32

Program Edit Goto System Help

Inspection Lot Selection

My Default

Inspection Lot Selection

Selection Profile

Lot Created On 01.01.2020 to 18.04.2020

Start of Inspection to

End of Inspection to

Plant 2000 to

Insp. Lot Origin to

Material 50110055001200 to

Batch to

Vendor to

Manufacturer to

Customer to

Materials by Class

Maximum No. of Hits 100

List Settings

Select All Inspection Lots

Select Only Inspection Lots Without a Usage Decision

Select Only Inspection Lots with a Usage Decision

Layout 1STANDARD

Ref. Field Monitor 3 Degree of Proc. for Insp. Lot

Press On Execute Button.

RESULT RECORDING

List Edit Goto Settings System Help

Change Data for Inspection Lot: Worklist for Inspection Lots

Monit...	A	Insp. Lot	Material	Plant	Lot Qty	BUn	LT...	ST...	Start Date	End Date	System Status
•○○		400000...	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020	REL CALC SPRQ
•○○		400000...	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020	REL CALC SPRQ
•○○		400000...	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020	REL CALC SPRQ
•○○		400000...	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020	REL CALC SPRQ
•○○		400000...	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020	REL CALC SPRQ
•○○		400000...	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020	REL CALC SPRQ
•○○		400000...	50110055001200	2000	3.500	TO	0	0	28.03.2020	28.03.2020	LTCA CALC

Usage Decision Results

List Edit Goto Settings System Help

Change Data for Inspection Lot: Worklist for Inspection Lots

Monit...	A	Insp. Lot	Material	Plant	Lot Qty	BUn	LT...	ST...	Start Date	End Date	System Status
•○○		400000...	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020	REL CALC SPRQ
•○○		400000...	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020	REL CALC SPRQ
•○○		400000...	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020	REL CALC SPRQ
•○○		400000...	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020	REL CALC SPRQ
•○○		400000...	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020	REL CALC SPRQ
•○○		400000...	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020	REL CALC SPRQ
•○○		400000...	50110055001200	2000	3.500	TO	0	0	28.03.2020	28.03.2020	LTCA CALC

Usage Decision Results

Select the inspection lot and click on "Result".

Current Node No. (1) 3 Entries found

Restrictions

Op..	Short Text	Insp.-rel.	Work Ctr	Plnt	Seq.
0010	Billet Chemistry (Ladle Analysis)	▲	QUALITY	2000	0
0020	Product Chemical Analysis	▲	QUALITY	2000	0
0030	Product Physical Analysis	▲	QUALITY	2000	0

Monit...	A	Insp. Lot	Material	Plant	Lot Qty	BUn	LT...	ST...	Start Date	End Date
●○○		400000	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020
●○○		400000	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020
●○○		400000	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020
●○○		400000	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020
●○○		400000	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020
●○○		400000	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020
●○○		400000	50110055001200	2000	3.500	TO	0	0	28.03.2020	28.03.2020

Select one by one operations and fill result.

A...	R...	S...	Short text for the l...	Specifications	Inspect	Inspected	Si...	Result	Original Va...	V...	Defect ...	Attribute	Insp.descriptn	L...	C...	Char.
<input type="checkbox"/>	<input type="checkbox"/>	2	Carbon	0.100 .. 0.250 %	1	1		0.1000	0.1							11
<input type="checkbox"/>	<input type="checkbox"/>	2	Manganese	0.400 .. 1.200 %	1	1		0.4000	0.4							21
<input type="checkbox"/>	<input type="checkbox"/>	2	Sulphur	0.001 .. 0.040 %	1	1		0.0010	0.001							31
<input type="checkbox"/>	<input type="checkbox"/>	2	Phosphorus	0.001 .. 0.040 %	1	1		0.0010	0.001							41
<input type="checkbox"/>	<input type="checkbox"/>	2	Silicon	0.100 .. 0.400 %	1	1		0.1000	0.1							51
<input type="checkbox"/>	<input type="checkbox"/>	2	Copper	0.001 .. 0.020 %	1	1		0.0010	0.001							61
<input type="checkbox"/>	<input type="checkbox"/>	2	Chromium	0.001 .. 0.100 %	1	1		0.0010	0.001							71
<input type="checkbox"/>	<input type="checkbox"/>	2	MOLYBDENUM	0.0001 .. 0.0010 %	1	1		0.00010	0.0001							81
<input type="checkbox"/>	<input type="checkbox"/>	2	VANADIUM	0.001 .. 0.010 %	1	1		0.0010	0.001							91
<input type="checkbox"/>	<input type="checkbox"/>	2	Nickel	0.001 .. 0.010 %	1	1		0.0010	0.001							101
<input type="checkbox"/>	<input type="checkbox"/>	0	Carbon Equivalent	0.280 .. 0.420 %	1	0										111
<input type="checkbox"/>	<input type="checkbox"/>	0	MICRO ALLOYING EL...	%	1											121
<input type="checkbox"/>	<input type="checkbox"/>	0	Nb	0.000 .. 0.000 %	1											131
<input type="checkbox"/>	<input type="checkbox"/>	2	Boron	0.0001 .. 0.0010 %	1	1		0.00010	0.0001							141

Order: 200001249

Char.: 10 Carbon

Make a decision:

Accept

Reject

A...	R...	S...	Short text for the l...	Specifications	Inspect	Inspected	Si...	Result	Original Va...	V...	Defect ...	Attribute	Insp.descriptn	L...	C...	Char.
<input type="checkbox"/>	<input type="checkbox"/>	2	Carbon	0.100 .. 0.250 %	1	1		0.1000	0.1							11
<input type="checkbox"/>	<input type="checkbox"/>	2	Manganese	0.400 .. 1.200 %	1	1		0.4000	0.4							21
<input type="checkbox"/>	<input type="checkbox"/>	2	Sulphur	0.001 .. 0.040 %	1	1		0.0010	0.001							31
<input type="checkbox"/>	<input type="checkbox"/>	2	Phosphorus	0.001 .. 0.040 %	1	1		0.0010	0.001							41
<input type="checkbox"/>	<input type="checkbox"/>	2	Silicon	0.100 .. 0.400 %	1	1		0.1000	0.1							51
<input type="checkbox"/>	<input type="checkbox"/>	2	Copper	0.001 .. 0.020 %	1	1		0.0010	0.001							61
<input type="checkbox"/>	<input type="checkbox"/>	2	Chromium	0.001 .. 0.100 %	1	1		0.0010	0.001							71
<input type="checkbox"/>	<input type="checkbox"/>	2	MOLYBDENUM	0.0001 .. 0.0010 %	1	1		0.00010	0.0001							81
<input type="checkbox"/>	<input type="checkbox"/>	2	VANADIUM	0.001 .. 0.010 %	1	1		0.0010	0.001							91
<input type="checkbox"/>	<input type="checkbox"/>	2	Nickel	0.001 .. 0.010 %	1	1		0.0010	0.001							101
<input type="checkbox"/>	<input type="checkbox"/>	0	Carbon Equivalent	0.280 .. 0.420 %	1	0										111
<input type="checkbox"/>	<input type="checkbox"/>	0	MICRO ALLOYING EL...	%	1											121
<input type="checkbox"/>	<input type="checkbox"/>	0	Nb	0.000 .. 0.000 %	1											131
<input type="checkbox"/>	<input type="checkbox"/>	2	Boron	0.0001 .. 0.0010 %	1	1		0.00010	0.0001							141

Save the entries.

UD

Select the line and press on "Usage Decision".

The screenshot shows the SAP 'Change Data for Inspection Lot: Worklist for Inspection Lots' interface. The table below contains the data for the inspection lots.

Monit...	A	Insp. Lot	Material	Plant	Lot Qty	BUn	LT...	ST...	Start Date	End Date	System Status
●○○	✓	400000	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020	REL CALC SPRQ
●○○		400000	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020	REL CALC SPRQ
●○○		400000	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020	REL CALC SPRQ
●○○		400000	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020	REL CALC SPRQ
●○○		400000	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020	REL CALC SPRQ
●○○		400000	50110055001200	2000	3.500	TO	0	0	28.03.2020	28.03.2020	LTCA CALC

Select the UD Code (Either Accept Or Reject) accordingly.

The screenshot shows the SAP 'Record Usage Decision: Characteristic Overview' interface. A dialog box titled 'Usage Decision for Inspection Lot' is open, displaying a list of usage decision codes and their descriptions. The 'Accept' code (A) is selected.

Inspection Lot: 40000000361
Material: 50110055001200
Batch: 2000052M01
System Status: REL CALC SPRQ
End Date: 18.03.2020

Usage Decision for Inspection Lot

- 01 Goods receipt (Wareneingang)
- 02 Goods issue (Warenausgang)
- 03 Production
- 04 Goods receipt from production
 - A Accept
 - A1 Other batch
 - A2 Other material
 - R Rejected
 - R1 Return Delivery
 - R2 Rework
 - R3 Scrapping
 - R4 Start 100% inspection
 - RQ Reject and start Q-activity
 - X Other usage decision (see the UD text)
 - A0 Acceptance (automatic stock posting)
- 05 Goods receipt (Wareneingang)
- 07 Vendor audit (Lieferantenaudit)
- 09 Deadline monitoring (Terminüberw.)

UD Code:
Quality Score: 0
FollowUpActn:

Press on Inspected Lot Stock tab.

Usage Decision Edit Goto Extras Environment Inspection Processing System Help

Record Usage Decision: Stock

Stock Posting Log Material Documents... Stock Inspection Lot Change History

Inspection Lot: 4000000361
 Material: 50110055001200
 Batch: 2000052M01 BMFY
 System Status: UD ICCO SPRQ UserStatus:
 End Date: 18.03.2020

Defects Characteristics Inspection Lot Stock

Insp. Lot Qty: 3.200 TO Insp. Stock:
 Sample Size: 0 TO

Doc...

Quantity posted		To be posted	
Total	0	0	
To Unrestricted Use	0	3.200	
To Scrap	0		
To Sample Consump	0		
To Blocked Stock	0		
To New Material	0		
To Reserves	0		
Return Posting	0		

StLoc	Proposal
BMFY	Document
	Document
	Document
BMFY	Document
BMFY	Material
	Document
	Document

Save it.

After refreshing, line will be disappeared from list.

List Edit Goto Settings System Help

Change Data for Inspection Lot: Worklist for Inspection Lots

Usage Decision Result

Monit...	A	Insp. Lot	Material	Plant	Lot Qty	BUN	LT...	ST...	Start Date	End Date	System Status
●○○		400000...	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020	REL CALC SPRQ
●○○		400000...	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020	REL CALC SPRQ
●○○		400000...	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020	REL CALC SPRQ
●○○		400000...	50110055001200	2000	3.200	TO	0	0	18.03.2020	18.03.2020	REL CALC SPRQ
●○○		400000...	50110055001200	2000	3.500	TO	0	0	28.03.2020	28.03.2020	LTCA CALC

END--

Wire Rod MILL –

Consumption of Billets –

Once Billets are transferred to bar mill storage location (WRBY)

We will run the following process

T code – ZPP_CHG_SHEET

Order number and display needs to be entered

Then we need to put the storage location (WRBY), batch (Billet batch), No of pcs – weight of Billet and weight as same weight of billet and then post the consumption

The screenshot shows the SAP Production Order Header and Material Details screen. The Production Order Header section displays the following information:

Field	Value
Production Order	1000148
Quantity	1,000.000
Requirement qty	1,037.720

The Material Details section displays the following information:

Field	Value
Material	50110055001200
Description	REBAR IS 1786 FE500D DIA 10MM-L12 MTR
Reservation	922
Posting Date	18.04.2020
Shift	A

Below the Material Details section, there is a table with the following columns: Select, Stor.Locat, Billet No., No. Of Pcs., and Weight of Billet. The table contains 10 rows of data, all with a quantity of 1.000 and a weight of 0.000.

Select	Stor.Locat	Billet No.	No. Of Pcs.	Weight of Billet
<input type="checkbox"/>			1.000	0.000
<input type="checkbox"/>			1.000	0.000
<input type="checkbox"/>			1.000	0.000
<input type="checkbox"/>			1.000	0.000
<input type="checkbox"/>			1.000	0.000
<input type="checkbox"/>			1.000	0.000
<input type="checkbox"/>			1.000	0.000
<input type="checkbox"/>			1.000	0.000
<input type="checkbox"/>			1.000	0.000
<input type="checkbox"/>			1.000	0.000

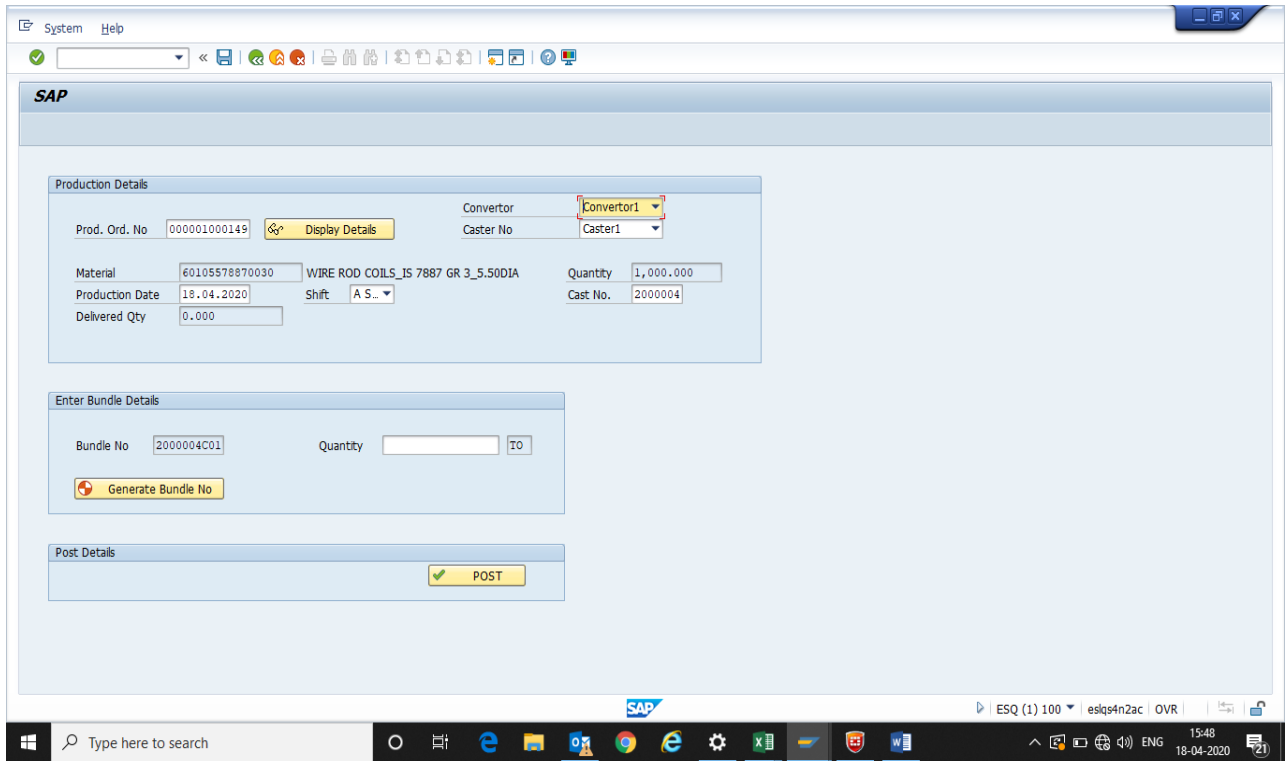
Production T code

ZPPWRM - Code for Production Booking WRM

We need to run the above mentioned T code and then we need to fill the input which is order no,converter and caster no and then cast no

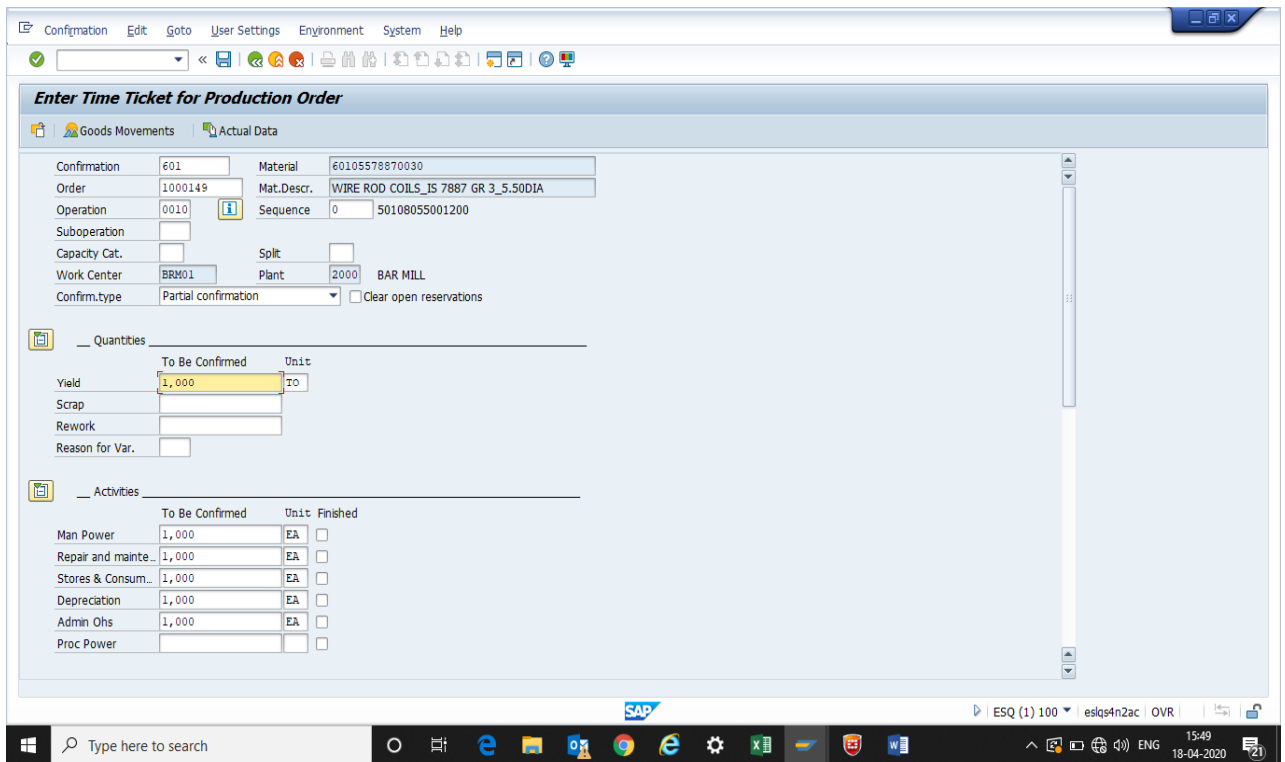
After that we can generate bundle and the weight would be captured automatically once bundle is kept in weighbridge

Once the weight of bundle comes accurately, post key will be executed



Consumption and By-Product generation capturing –

This will be done by CO11n screen in which we need to confirm the yield of the shift wise production and activities needs to be marked which will be same as yield



Then we will move to Goods movement and delete the 1st column which is for production since we have already booked the production through other T code
By products, BF gas, rolls and other utilities needs to be booked accordingly through CO11n

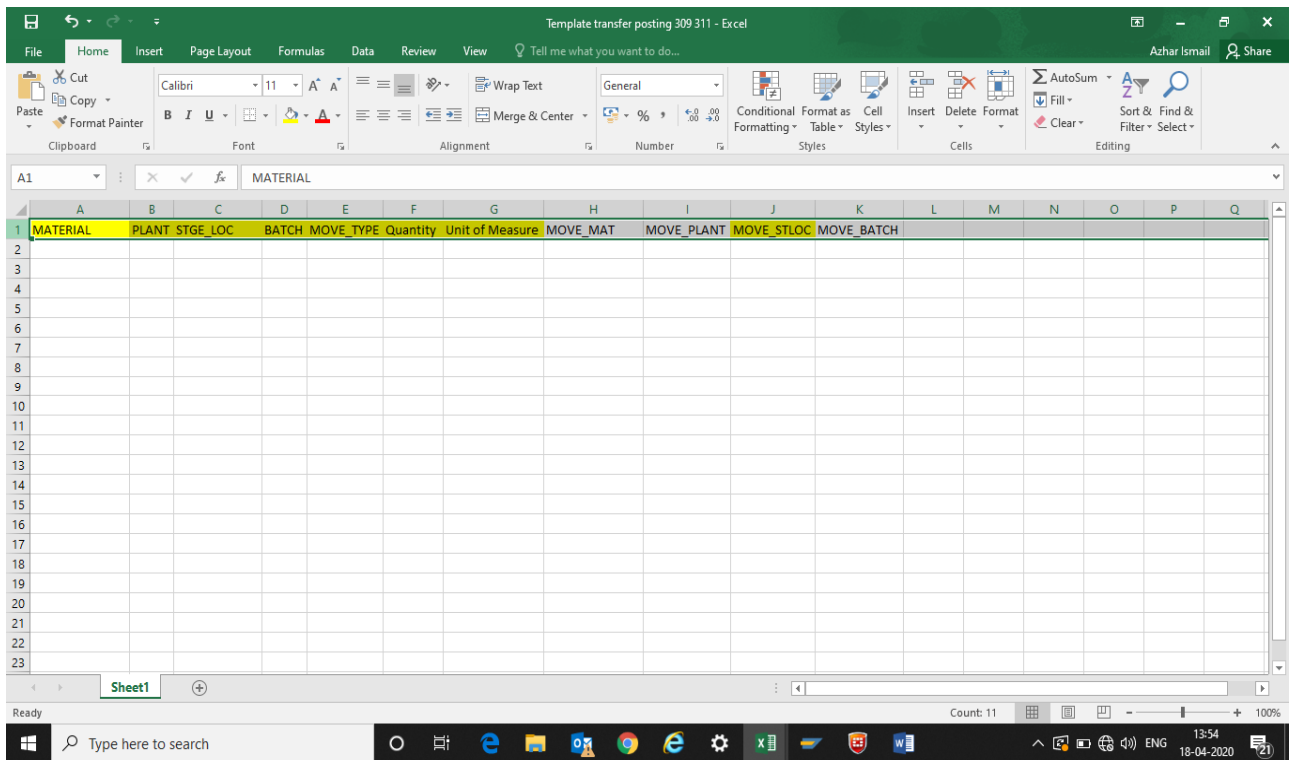
Order: 1000149 Status: PRT REL
Material: 60105578870030 WIRE ROD COILS_IS 7887 GR 3_5_50D1A
Activity: 0010 Sequence: 0 50108055001200
Confirmation: 601 Plant: 2000 Work center: BRM01

Batch Determination Stock Determination Entry 1/ 11(11)

Material	Delete	Quantity	U...	Plant	St...	Reqmnt Segment	Stock Segment	Batch	Valuation ...	D...
60105578870030		1,000	TO	2000	WREY					S 1
40115078871213		1,031.990	TO	2000						H 2
60100000000001		1.860	TO	2000	WRSC					S 5
60100000000002		5.160	TO	2000	WRSC					S 5
60100000000003		13.620	TO	2000	WRSC					S 5
60100000000004		11.350	TO	2000	WRSC					S 5
20620000000002		161,950	M	2000						H 2
30100000000025		476,000	M3	2000						H 2
2040022110001		5,010.000	NM3	2000						H 2
20600000000004		70,000.000	NM3	2000						H 2
20600000000003		710	M3	2000						H 2

Once production is booked and if we need to transfer WRC to yards we need to use the following process

T code – ZMB1B_UPLD1



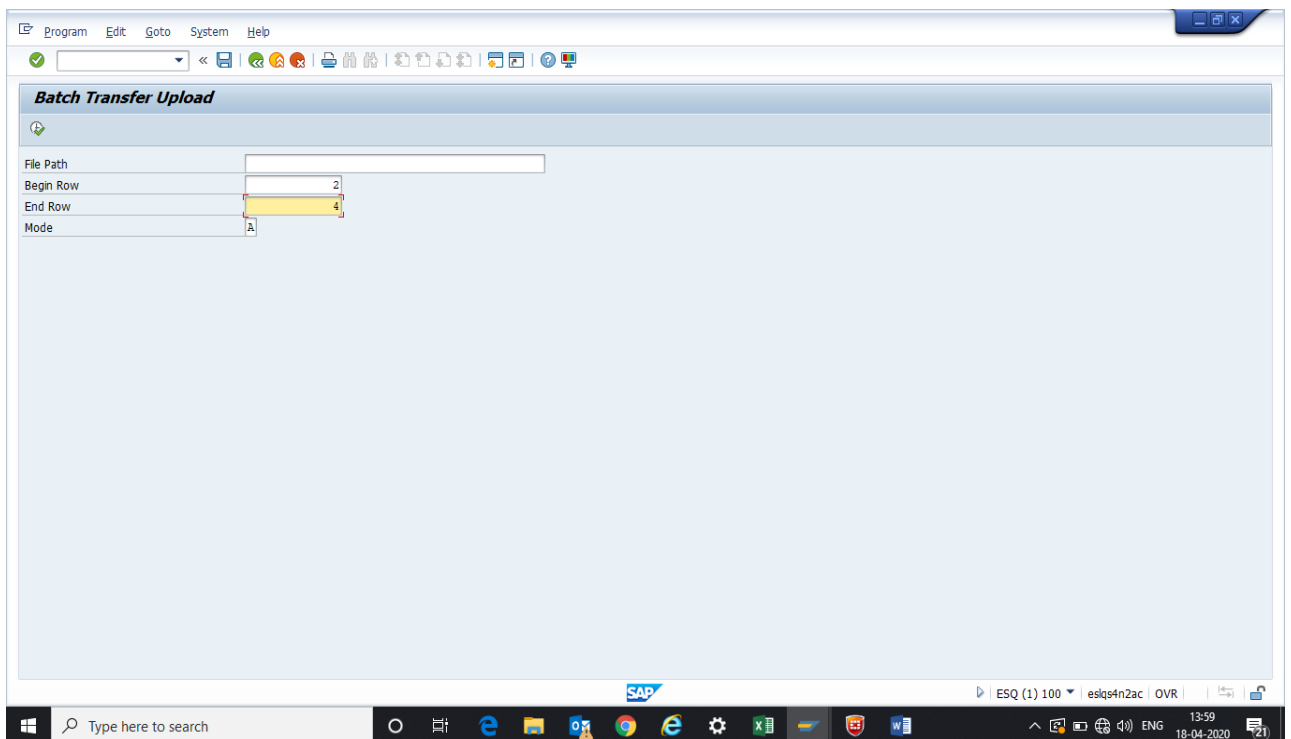
In this excel sheet we need to give **FROM** material type, plant – 2000, Storage loc – WRFY, batch of WRC, Qty of each batch – 2.03 t approx. ,Movt type – 311, Unit of measure – To for ton,

Similarly, for

TO material – Move_mat, Move_plant, move_Sloc, Move_batch

Then we need to upload the excel sheet and then give the number of rows and then run the t code

The end row should be given



The material automatically moves to defined storage locations

QUALITY PROCESS OF WRM

TCODE – QA32

Inspection Lot Selection

Selection Profile: []

Lot Created On: 01.01.2020 to 18.04.2020

Start of Inspection: [] to []

End of Inspection: [] to []

Plant: 2000 to []

Insp. Lot Origin: [] to []

Material: 60105578870030 to []

Batch: [] to []

Vendor: [] to []

Manufacturer: [] to []

Customer: [] to []

Materials by Class: []

Maximum No. of Hits: 100

List Settings

Select All Inspection Lots

Select Only Inspection Lots Without a Usage Decision

Select Only Inspection Lots with a Usage Decision

Layout: 1STANDARD

Ref. Field Monitor: 3 Degree of Proc. for Insp. Lot

Press On Execute Button.

RESULT RECORDING

Monit...	A	Insp. Lot	Material	Plant	Lot Qty	BUn	LT...	ST...	Start Date	End Date	System Status
●○○		400000...	60105578870030	2000	2.020	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.020	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.030	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.050	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.060	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.070	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.070	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.070	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.043	TO	0	0	28.03.2020	28.03.2020	LTCA CALC
●○○		400000...	60105578870030	2000	2.043	TO	0	0	28.03.2020	28.03.2020	LTCA CALC
●○○		400000...	60105578870030	2000	4	TO	0	0	03.04.2020	03.04.2020	REL CALC SPRQ

Monit...	A	Insp. Lot	Material	Plant	Lot Qty	BUn	LT...	ST...	Start Date	End Date	System Status
●○○		400000...	60105578870030	2000	2.020	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.020	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.030	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.050	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.060	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.070	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.070	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.070	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.043	TO	0	0	28.03.2020	28.03.2020	LTCA CALC
●○○		400000...	60105578870030	2000	2.043	TO	0	0	28.03.2020	28.03.2020	LTCA CALC
●○○		400000...	60105578870030	2000	4	TO	0	0	03.04.2020	03.04.2020	REL CALC SPRQ

Select the inspection lot and click on "Result".

Change Data for Inspection Lot: Worklist for Inspection Lots

Monit...	Insp. Lot	Material	Plant	Lot Qty	BUn	LT...	ST...	Start Date	End Date
●○○	400000	60105578870030	2000	2.020	TO	0	0	19.03.2020	19.03.2020
●○○	400000	60105578870030	2000	2.020	TO	0	0	19.03.2020	19.03.2020
●○○	400000	60105578870030	2000	2.030	TO	0	0	19.03.2020	19.03.2020
●○○	400000	60105578870030	2000	2.050	TO	0	0	19.03.2020	19.03.2020
●○○	400000	60105578870030	2000	2.060	TO	0	0	19.03.2020	19.03.2020
●○○	400000	60105578870030	2000	2.070	TO	0	0	19.03.2020	19.03.2020
●○○	400000	60105578870030	2000	2.070	TO	0	0	19.03.2020	19.03.2020
●○○	400000	60105578870030	2000	2.070	TO	0	0	19.03.2020	19.03.2020
●○○	400000	60105578870030	2000	2.043	TO	0	0	28.03.2020	28.03.2020
●○○	400000	60105578870030	2000	2.043	TO	0	0	28.03.2020	28.03.2020
●○○	400000	60105578870030	2000	4	TO	0	0	03.04.2020	03.04.2020

Op...	Short Text	Insp.-rel.	Work Ctr	Plnt	Seq.
0010	chemical analysis	▲	QUALITY	2000	0
0020	Mechanical properties	▲	QUALITY	2000	0
0030	Metlurgical properties	▲	QUALITY	2000	0

Select one by one operations and fill result.

A...	R...	S...	Short text for the i...	Specifications	Inspect	Inspected	Si...	Result	Original Va...	V...	Defect ...	Attribute	Insp.descriptn	L...	C...	Char...
□	2	Carbon	0.100 .. 0.250 %	1	1	0.1000	0.1									1(^
□	2	Manganese	0.400 .. 1.200 %	1	1	0.4000	0.4									2(v
□	2	Sulphur	0.001 .. 0.040 %	1	1	0.0010	0.001									3(v
□	2	Phosphorus	0.001 .. 0.040 %	1	1	0.0010	0.001									4(v
□	2	Silicon	0.100 .. 0.400 %	1	1	0.1000	0.1									5(v
□	2	Copper	0.001 .. 0.020 %	1	1	0.0010	0.001									6(v
□	2	Chromium	0.001 .. 0.100 %	1	1	0.0010	0.001									7(v
□	2	MOLYBDENUM	0.0001 .. 0.0010 %	1	1	0.00010	0.0001									8(v
□	2	VANADIUM	0.001 .. 0.010 %	1	1	0.0010	0.001									9(v
□	2	Nickel	0.001 .. 0.010 %	1	1	0.0010	0.001									10(v
□	0	Carbon Equivalent	0.280 .. 0.420 %	1	0											11(v
□	0	MICRO ALLOYING EL...	%	1												12(v
□	0	Nb	0.000 .. 0.000 %	1												13(v ^
□	2	Boron	0.0001 .. 0.0010 %	1	1	0.00010	0.0001									14(v

Char. 10 Carbon

Make a decision:

- Accept
- Reject

A...	R...	S...	Short text for the i...	Specifications	Inspe	Inspected	Si...	Result	Original Va...	V...	Defect ...	Attribute	Insp.descriptn	L...	C...	Char...
□	2	Carbon	0.100 .. 0.250 %	1	1	0.1000	0.1									1(^
□	2	Manganese	0.400 .. 1.200 %	1	1	0.4000	0.4									2(v
□	2	Sulphur	0.001 .. 0.040 %	1	1	0.0010	0.001									3(v
□	2	Phosphorus	0.001 .. 0.040 %	1	1	0.0010	0.001									4(v
□	2	Silicon	0.100 .. 0.400 %	1	1	0.1000	0.1									5(v
□	2	Copper	0.001 .. 0.020 %	1	1	0.0010	0.001									6(v
□	2	Chromium	0.001 .. 0.100 %	1	1	0.0010	0.001									7(v
□	2	MOLYBDENUM	0.0001 .. 0.0010 %	1	1	0.00010	0.0001									8(v
□	2	VANADIUM	0.001 .. 0.010 %	1	1	0.0010	0.001									9(v
□	2	Nicke	0.001 .. 0.010 %	1	1	0.0010	0.001									10(v
□	0	Carbon Equivalent	0.280 .. 0.420 %	1	0											11(v
□	0	MICRO ALLOYING EL...	%	1												12(v
□	0	Nb	0.000 .. 0.000 %	1												13(v ^
□	2	Boron	0.0001 .. 0.0010 %	1	1	0.00010	0.0001									14(v

Save the entries.

UD

Select the line and press on "Usage Decision".

Monit...	A	Insp. Lot	Material	Plant	Lot Qty	BUN	LT...	ST...	Start Date	End Date	System Status
●○○	✓	400000...	60105578870030	2000	2.020	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.020	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.030	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.050	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.060	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.070	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.070	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.070	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.043	TO	0	0	28.03.2020	28.03.2020	LTCA CALC
●○○		400000...	60105578870030	2000	2.043	TO	0	0	28.03.2020	28.03.2020	LTCA CALC
●○○		400000...	60105578870030	2000	4	TO	0	0	03.04.2020	03.04.2020	REL CALC SPRQ

Select the UD Code (Either Accept Or Reject) accordingly.

Record Usage Decision: Characteristic Overview

Inspection Lot: 40000000465
Material: 60105578870030
Batch: 2000055C03 WRFY
System Status: REL CALC SPRQ
End Date: 19.03.2020

Usage Decision for Inspection Lot

- 01 Goods receipt (Wareneingang)
- 02 Goods issue (Warenausgang)
- 03 Production
- 04 Goods receipt from production
 - A Accept
 - A1 Other batch
 - A2 Other material
 - R Rejected
 - R1 Return Delivery
 - R2 Rework
 - R3 Scrapping
 - R4 Start 100% inspection
 - RQ Reject and start Q-activity
 - X Other usage decision (see the UD text)
 - A0 Acceptance (automatic stock posting)
- 05 Goods receipt (Wareneingang)
- 07 Vendor audit (Lieferantenaudit)
- 09 Deadline monitoring (Terminüberw.)

Press on Inspected Lot Stock tab.

Record Usage Decision: Stock

Stock Posting Log

Inspection Lot: 40000000465
Material: 60105578870030
Batch: 2000055C03 WRFY
System Status: UD ICCO SPRQ
End Date: 19.03.2020

Inspected Lot Stock

Insp. Lot Qty: 2.020 TO Insp. Stock:

Sample Size: 0 TO

Quantity posted

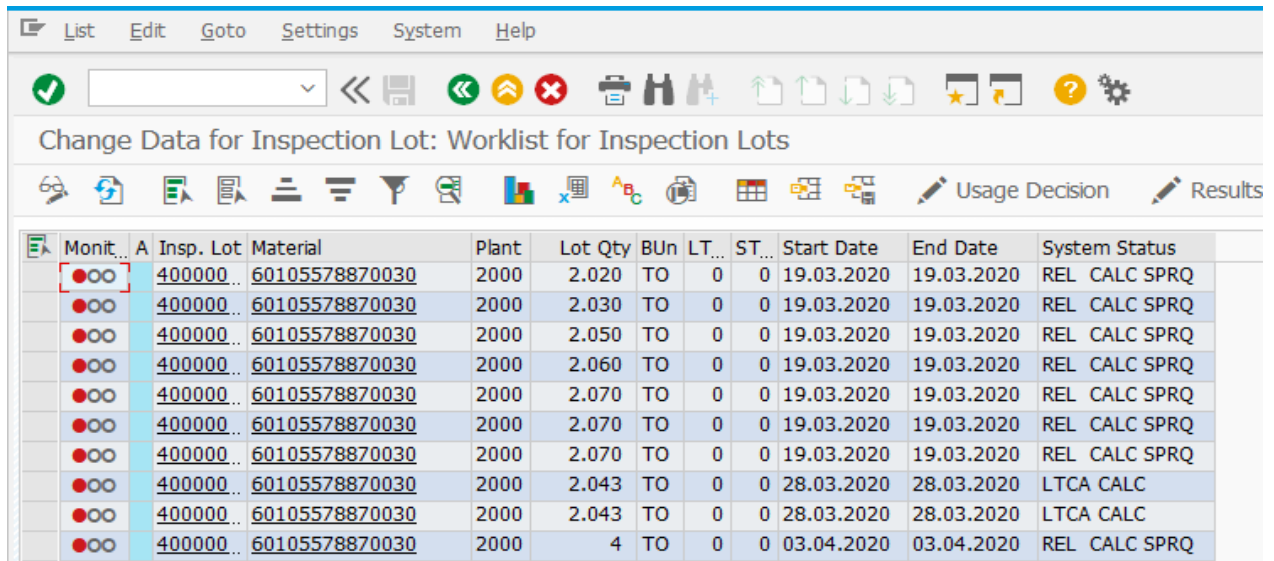
Total	0
To Unrestricted Use	0
To Scrap	0
To Sample Consumptn	0
To Blocked Stock	0
To New Material	0
To Reserves	0
Return Posting	0

To be posted

0	StLoc: WRFY	Proposal: Document
2.020	WRFY	Document
	WRFY	Document
	WRFY	Material
		Document
		Document

Save it.

After refreshing, line will be disappeared from list.



The screenshot displays the SAP 'Change Data for Inspection Lot: Worklist for Inspection Lots' interface. The table below lists inspection lots with columns for monitoring status, inspection lot number, material, plant, lot quantity, business unit, lot type, start date, end date, and system status. The first row is highlighted with a red box around the 'Monit...' column.

Monit...	A	Insp. Lot	Material	Plant	Lot Qty	BUn	LT...	ST...	Start Date	End Date	System Status
●○○		400000...	60105578870030	2000	2.020	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.030	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.050	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.060	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.070	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.070	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.070	TO	0	0	19.03.2020	19.03.2020	REL CALC SPRQ
●○○		400000...	60105578870030	2000	2.043	TO	0	0	28.03.2020	28.03.2020	LTCA CALC
●○○		400000...	60105578870030	2000	2.043	TO	0	0	28.03.2020	28.03.2020	LTCA CALC
●○○		400000...	60105578870030	2000	4	TO	0	0	03.04.2020	03.04.2020	REL CALC SPRQ

Stock Transfer Posting - ZMB1B_UPLD1

For the transfer of stock from one plant to other plant like 1000 to 2000 or 2000 to 3000 this T code will be used and this one will be the used in place of T code - mb1b just because of absolute in SAP HANA.

At a time, we can do one type of movement either 301 /309 / 343/ 311.

Zmb1b_upld1 is provided with provision to fill the data in excel & upload the file through selection of path.

For the transfer of stock through above T code. We have to fill the file in desired format.

Source Plant –

Material – Material code

Plant – Source plant

Store location – Source location

Movement type – 301 (1000 to 2000 plant), 311 (one location to other location), 343 (blocked stock to unrestricted).

Quantity – 1

Destination Plant –

Material Code of Destination material

Plant – Destination plant

Storage location – Destination location

Batch – Destination material batch

Vendor – Only for Secondary production departments.

Date of transfer posting of data.

A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	MATERIAL	PLANT	STGE_LOC	BATCH	MOVE_TYPE	Quantity	Unit of Measure	MOVE_MAT	MOVE_PLANT	MOVE_STLOC	MOVE_BATCH	Vendor	Date
2	DZH100K7	3000	DZHP	A30R6171AB	343	1		DZH100K7	3000	DZHP	A30R6171AB		01.08.2020
3													

Just after fill the data of this file.

After that you have to click on file path.

Select the start row number where data needs to be fetched. Then execute after upload of data you will get document successful posted message.

--END--