

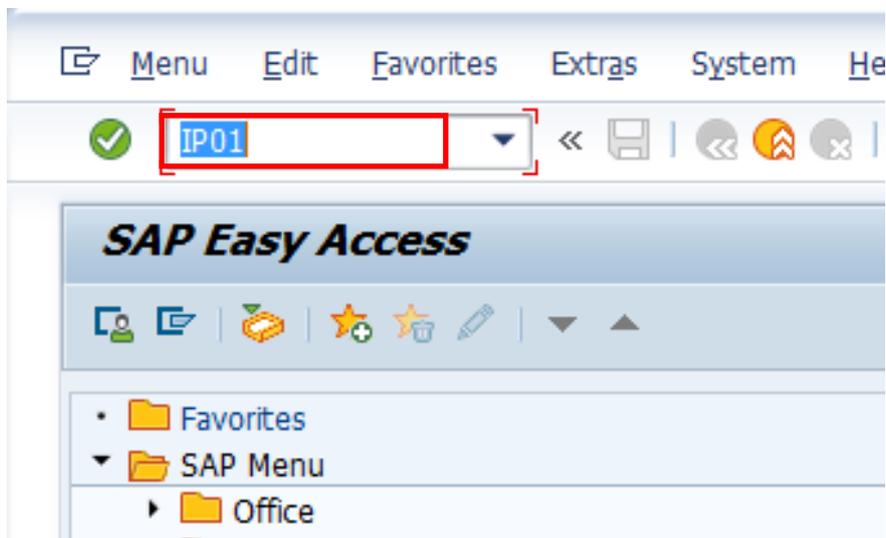


## 1.1. Calibration order(schedule In House)

**Note:** Maintenance plan will be created to schedule calibration for testing equipment.

### 1.1.1. Create Maintenance Plan: Initial

SAP Menu	Logistics → Plant Maintenance → Preventive maintenance Maintenance Planning Maintenance Plan Create
Transaction code	IP01



Step	Action
(1)	Enter IP01 and press Enter.



### 1.1.2. Create Maintenance Plan: Initial

Maintenance plan:

Maint. plan cat.: **PM Maintenance Order**

Strategy: **BSPTCL**

Multiple cntr

Cycle set:

Step	Action
(1)	Clicking the Maint. plan cat. button opens a dropdown list. Select Maintenance Order
(2)	Clicking Input Help Strategy opens a dropdown list with valid values. Select required strategy
(3)	Click enter

### 1.1.3. Create Maintenance Plan: Strategy plan

Maintenance plan: **Calibration of test equipment**

Maint. plan header:

Maintenance plan cycle: 06.03.2019

Cycle	Unit	Maintenance cycle text	Offset

Item:

Maintenance Item:

Reference object:

Functional loc.:

Equipment: **10000016**

Assembly:



**Project – SUGAM(BSPTCL)  
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Step	Action
(1)	Maintenance plan field is filled
(2)	Clicking Input Help Equipment opens a dropdown list with valid values. Select w.r.t equipment category, planning plant and planner group.
(3)	Click Enter and scroll down

### 1.1.4. Create Maintenance Plan: Strategy plan

The screenshot shows the SAP S/4HANA 'Create Maintenance Plan: Strategy plan' interface. The 'Order Type' field is highlighted with a red box and contains the value 'ZM05'. The 'MaintActivityType' field is also highlighted with a red box and contains the value 'CAL'. Other visible fields include 'Planning Plant' (1100), 'Main WorkCtr' (O&M / 1100), and 'Maint. Planner Group' (M08). The 'Equipment' field in the 'Reference object' section contains the value '10000016'.

Step	Action
(1)	Clicking Input Help Order Type opens a dropdown list with valid values., Select ZM05
(2)	Clicking Input Help MaintActivityType opens a dropdown list with valid values. Select 'CAL' activity type.
(3)	Press Enter



### 1.1.5. Create Maintenance Plan: Strategy plan

Step	Action
(1)	Click Select task list  .



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### 1.1.6. Display Task Lists: Task List Selection

Program Edit Goto System Help

Display Task Lists: Task List Selection

Task List Type

FunctLoc. Task List       Equip.Task List       Gen.Task List

Task List Selection

Functional Location	FB-KHAG-132KV			
Equipment	10000016	to		
Group		to		
Group Counter		to		
External Ident.		to		
Key Date	06.03.2019			
Class Selection	FunctLoc		Equipment	
<input type="checkbox"/> Hierarch. TaskList				

Header Data

Usage		to		
Plant	1100	to		
Work center		to		
Overall Status	2	to		
Planner Group		to		
Maintenance Strategy	BSPTCL	to		
Assembly		to		
Description		to		

Step	Action
(1)	Click Execute  . You can also press F8.



### 1.1.7. Display Task Lists: List of Task Lists

Sel.	T	Group	GrC	Description
	A	CB	1	Circuit breaker task list
	A	CTPTCVT	1	Maintenance of CT
	A	GENERAL	1	General Maintenance
	A	ISOLATOR	1	Maintenance of Isolators
	A	LA	1	Maintenance of Lightning Arrestors
	A	OUT-YARD	1	Maintenance of Outdoor Yard
	A	PM_CAL	1	Calibration task list
	A	T/LINE	1	Patrolling of Transmission line
	A	TR	1	Transformer PM task list

Step	Action
(1)	Click Task list description PM_CAL Calibration task list

### 1.1.8. Create Maintenance Plan: Strategy plan

Cycle	Unit	Maintenance cycle text	Offset
	3 MON	QUARTERLY	0



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Step	Action
(1)	Clicking the Maintenance plan scheduling parameters <b>Maintenance plan scheduling parameters</b> tab selects it.

### 1.1.9. Create Maintenance Plan: Strategy plan

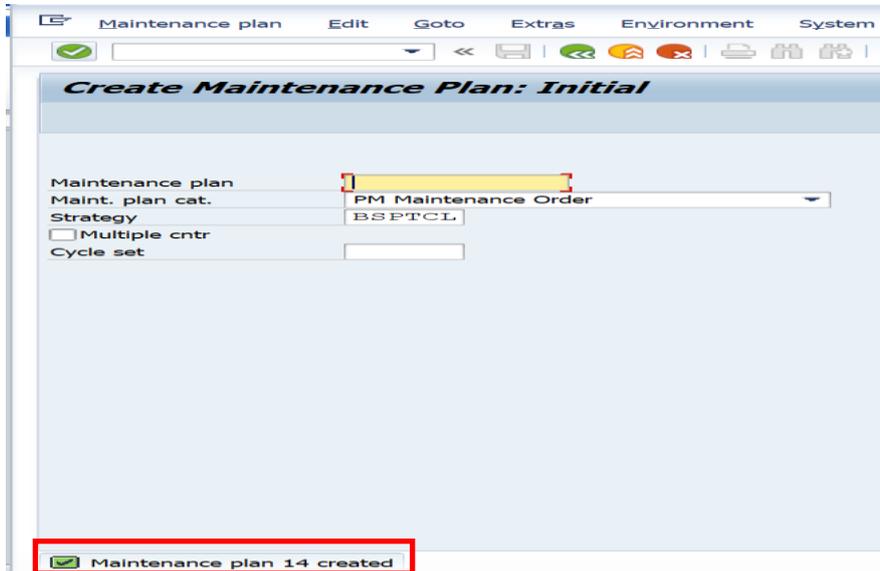
The screenshot shows the SAP 'Create Maintenance Plan: Strategy plan' screen. The 'Maintenance plan scheduling parameters' tab is selected. The following fields are highlighted with red boxes:

- Call horizon:** 100 %
- Scheduling period:** 1 YR
- Start of cycle:** 01.01.2019
- Save icon:** Located in the top toolbar.

Step	Action
(1)	Enter Call Horizon
(2)	The Scheduling period field is filled out.
(3)	Clicking Input Help Scheduling period opens a dropdown list with valid values. Select required like days, years, etc
(4)	Click Save  . You can also press Ctrl+S.



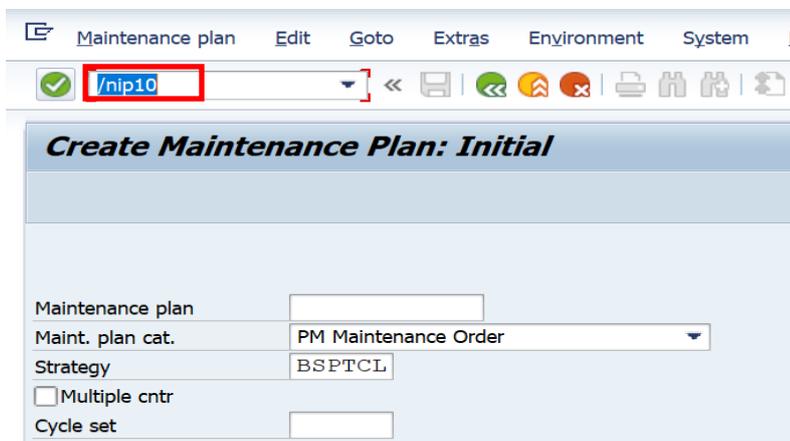
### 1.1.10. Create Maintenance Plan: Initial



Step	Action
(1)	Maintenance plan 14 created

### 1.1.11. Schedule Maintenance Plan: Initial Screen

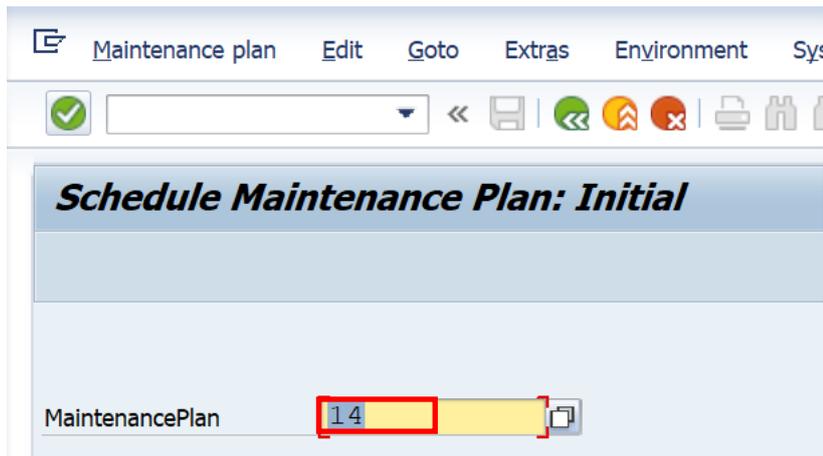
<b>SAP Menu</b>	<b>Logistics → Plant Maintenance → Preventive maintenance → Maintenance Planning → Scheduling for maintenance Plan → Schedule</b>
<b>Transaction code</b>	<b>IP10</b>





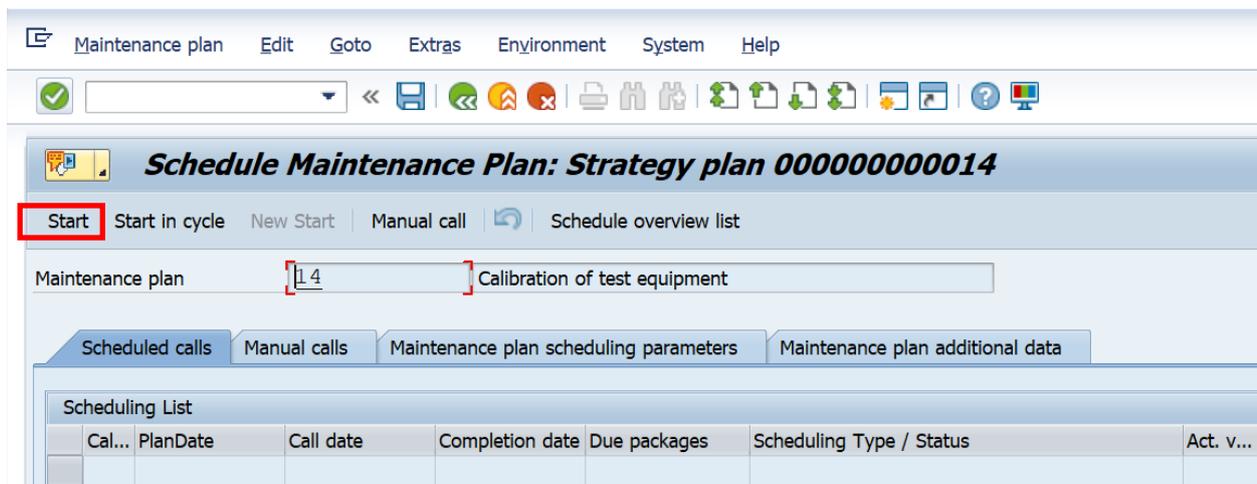
Step	Action
(1)	Input /nIP10
(2)	Click Enter

### 1.1.12. Schedule Maintenance Plan: Initial



Step	Action
(1)	Enter Maintenance plan number.
(2)	Press Enter

### 1.1.13. Schedule Maintenance Plan: Strategy plan 000000000121



Step	Action
------	--------



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Step	Action
(1)	Click Start  . You can also press F9.

### 1.1.14. Start Date

Step	Action
(1)	The Start of cycle field is filled out.
(2)	Click Continue  . You can also press Enter.

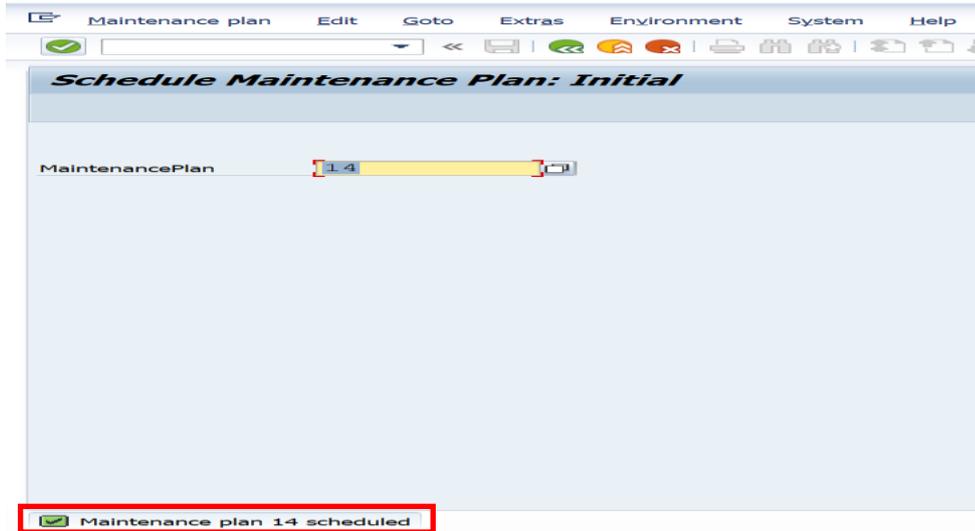
### 1.1.15. Schedule Maintenance Plan: Strategy plan 14

Cal...	PlanDate	Call date	Completion date	Due packages	Scheduling Type / Status
1	01.03.2019			3M	New start Save to call
2	30.05.2019	30.05.2019		3M	Scheduled Hold
3	28.08.2019	28.08.2019		3M	Scheduled Hold
4	26.11.2019	26.11.2019		3M	Scheduled Hold
5	24.02.2020	24.02.2020		3M	Scheduled Hold
6	24.05.2020	24.05.2020		3M	Scheduled Hold



Step	Action
(1)	The PlanDate field is filled out.
(2)	Click Save  .You can also press Ctrl+S.

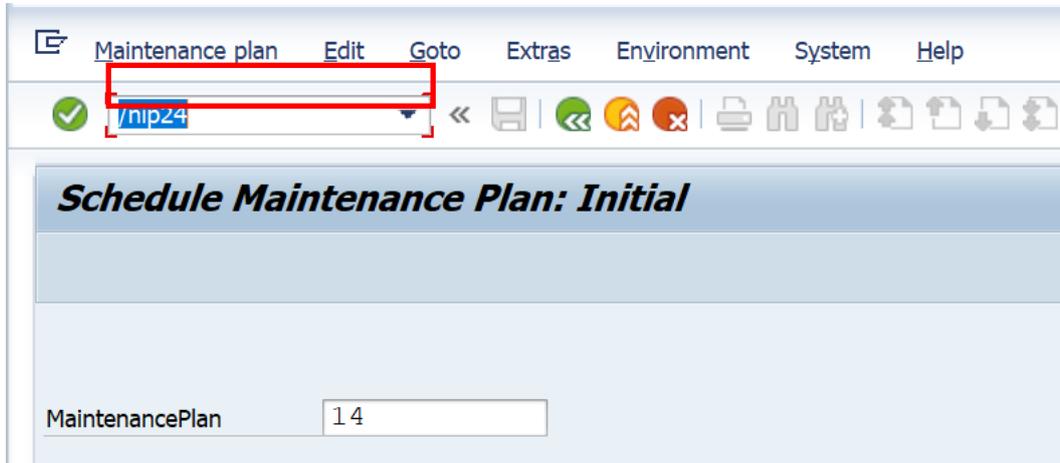
### 1.1.16. Schedule Maintenance Plan: Initial



Step	Action
(1)	Click Maintenance plan 14scheduled

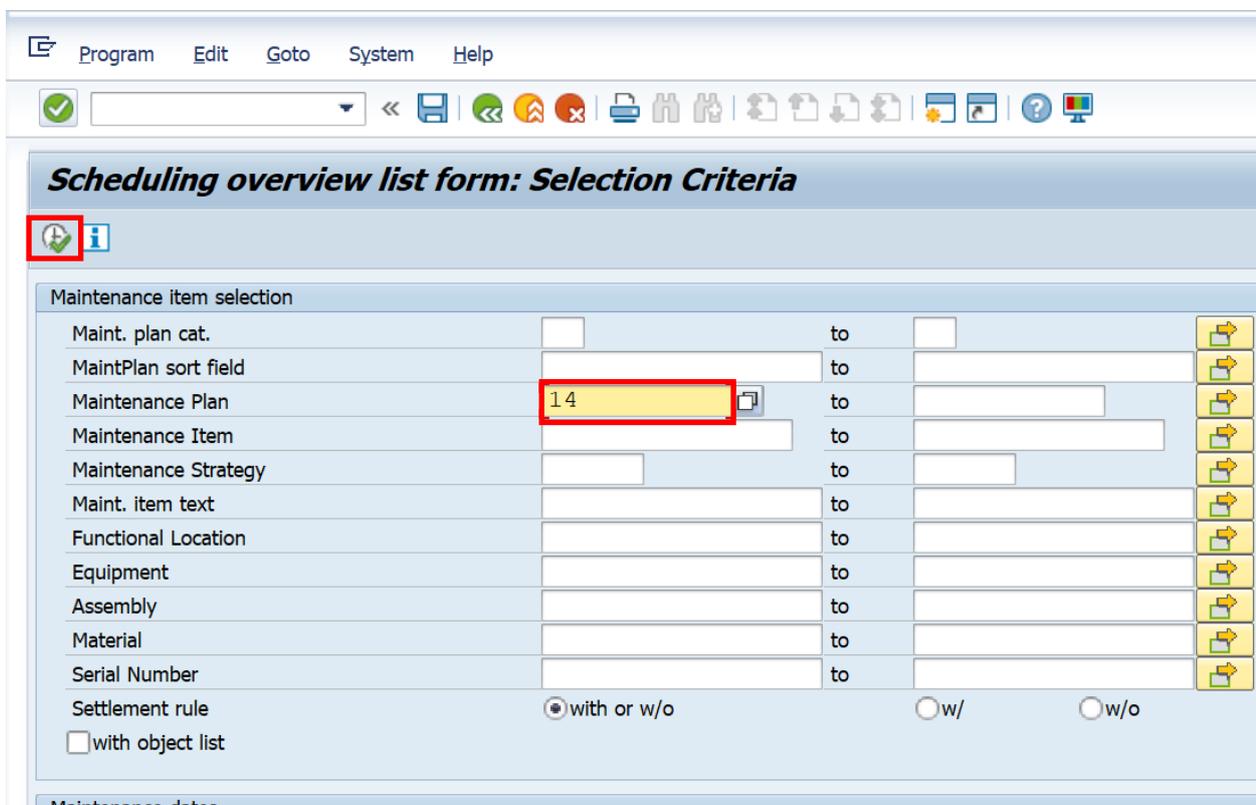
### 1.1.17. Scheduling overview list form: Selection Criteria

SAP Menu	Logistics → Plant Maintenance Preventive maintenance → Maintenance Planning → Scheduling for Maintenance Plans Scheduling Overview → list Display
Transaction code	IP24



Step	Action
(1)	/nIP24 is now entered in the Transaction box.
(2)	Press Enter

### 1.1.18. Scheduling overview list form: Selection Criteria





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Step	Action
(1)	The Maintenance Plan field is filled out.
(2)	Click Execute . You can also press F8.

### 1.1.19. Scheduling overview list form: Maintenance Scheduling Overview List

Sel.	Maintenance Item	Maintenance Plan	Strategy	Maintenance item description	Call Number	Sched.StartDate	Order
	165	14	BSPTCL	Calibration of test equipment	1	06.03.2019	500021
	165	14	BSPTCL	Calibration of test equipment	2	30.05.2019	
	165	14	BSPTCL	Calibration of test equipment	3	28.08.2019	
	165	14	BSPTCL	Calibration of test equipment	4	26.11.2019	
	165	14	BSPTCL	Calibration of test equipment	5	24.02.2020	
	165	14	BSPTCL	Calibration of test equipment	6	24.05.2020	

Step	Action
(1)	Make a note of this order

### 1.1.20. Change Calibration Order:

SAP Menu	Logistics Plant Maintenance Maintenance processing → Order → Change
Transaction code	IW32

Sel.	Maintenance Item	Maintenance Plan	Strategy	Maintenance item description	Call Number	Sched.StartDate	Order
	165	14	BSPTCL	Calibration of test equipment	1	06.03.2019	500021
	165	14	BSPTCL	Calibration of test equipment	2	30.05.2019	
	165	14	BSPTCL	Calibration of test equipment	3	28.08.2019	
	165	14	BSPTCL	Calibration of test equipment	4	26.11.2019	
	165	14	BSPTCL	Calibration of test equipment	5	24.02.2020	
	165	14	BSPTCL	Calibration of test equipment	6	24.05.2020	



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Step	Action
(1)	/nIW32 entered in transaction box
(2)	Press Enter

### 1.1.21. Change Order: Initial Screen

Step	Action
(1)	Clicking Input Help Order opens a dropdown list with valid values. select order w.r.t maintenance plan.
(2)	Press Enter

### 1.1.22. Change Calibration order 500000120: Central Header



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Step	Action
(1)	Click Inspection lot  .

**Note:** Make a note of generated Inspection lot number

### 1.1.23. Display Usage Decision: Characteristic Overview

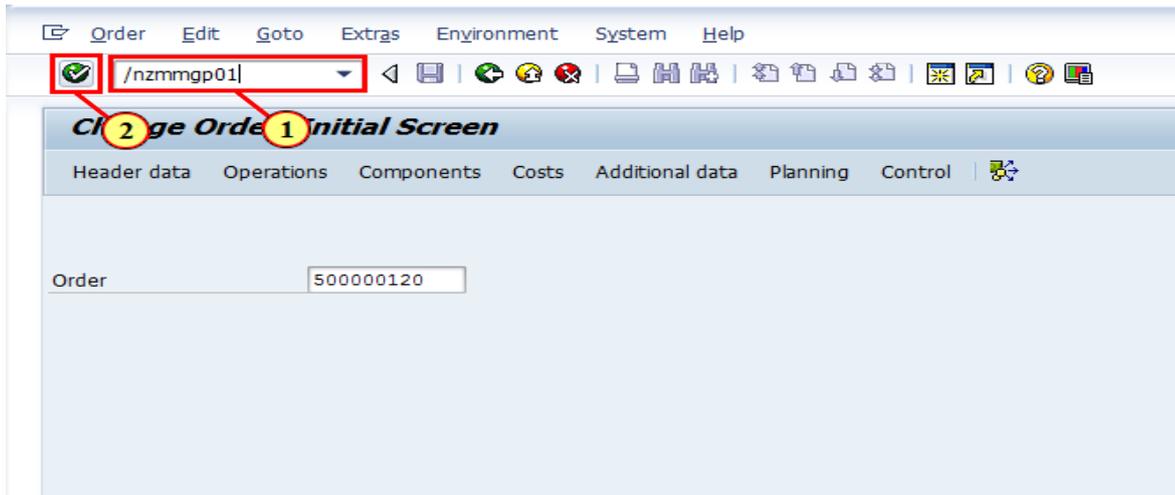
Step	Action
(1)	Clicking Back  takes you back to the previous page. You can also press F3.

### 1.1.24. Change Calibration order 500021: Central Header



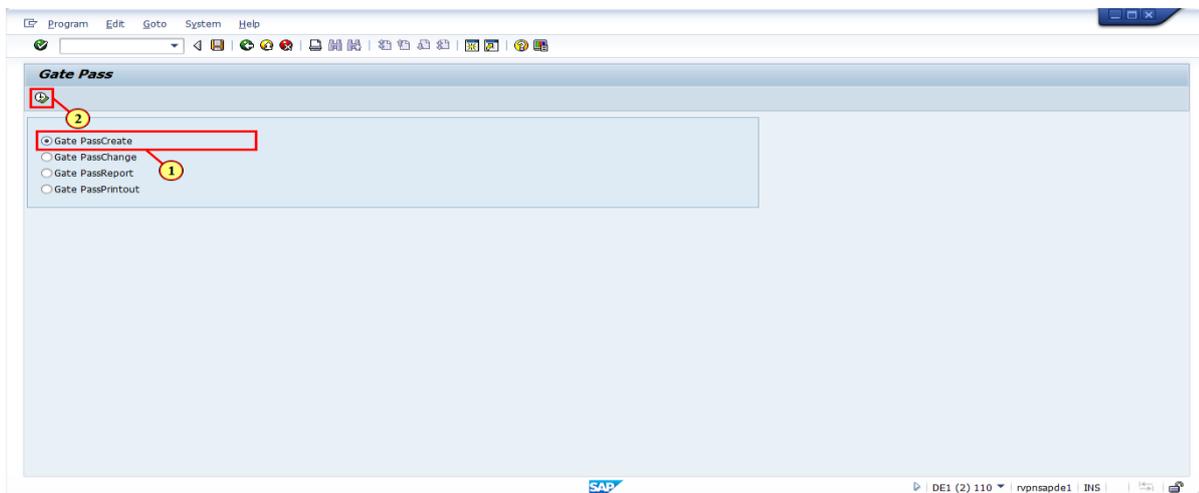
Step	Action
(1)	Click Save  . You can also press Ctrl+S.

### 1.1.25. Create Gate Pass for sending the Equipment to Testing Lab



Step	Action
(1)	/nZMMGP01 is now entered in transaction box
(2)	Click Enter  .

### 1.1.26. Gate Pass



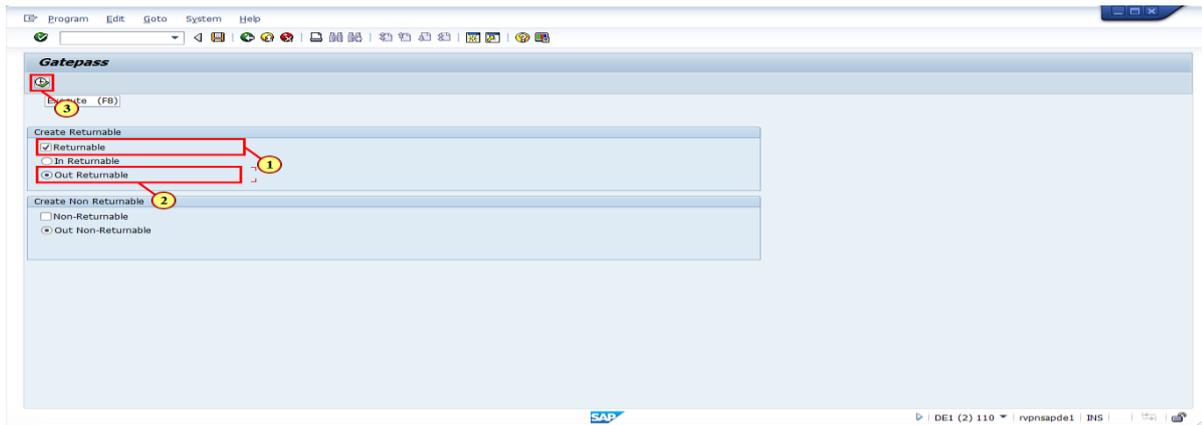


Project – SUGAM(BSPTCL)  
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Step	Action
(1)	Click Gate PassCreate <input type="radio"/> Gate PassCreate
(2)	Click Execute .You can also press F8.

### 1.1.27. Gatepass



Step	Action
(1)	Click Returnable
(2)	Click Out Returnable
(3)	Click Execute .You can also press F8.



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### 1.1.28. Gate Pass Returnable

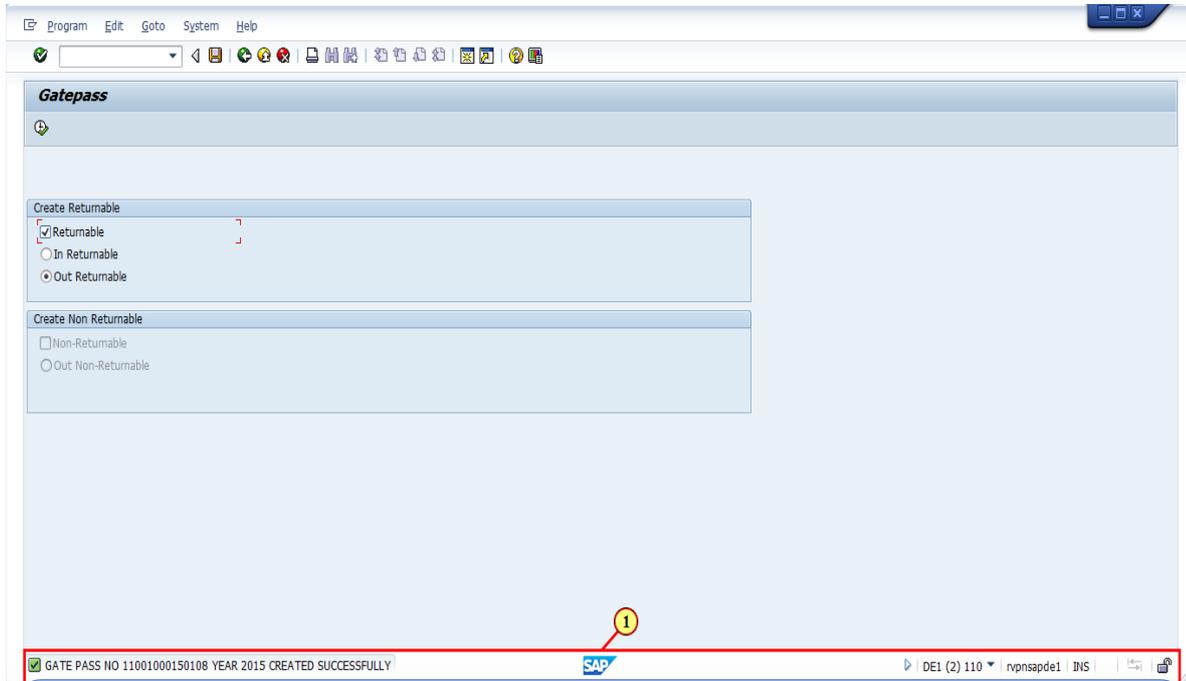
Step	Action
(1)	Select respective plant
(2)	Select respective storage location
(3)	Fill The Gate pass return Dt field .
(4)	The Created By field is filled out.
(5)	The Transporter Name field is filled out.
(6)	The Vehicle no field is filled out.
(7)	The Received By field is filled out.
(8)	Clicking Input Help Material No opens a dropdown list with valid values. Select required material by double clicking
(9)	Fill the quantity
(10)	The UOM field is filled out.
(11)	Remarks field is filled out with equipment code.
(12)	Click Save



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### 1.1.29. Gatepass



Step	Action
(1)	<b>Click GATE PASS NO 11001000150108 YEAR 2015 CREATED SUCCESSFULLY</b> 

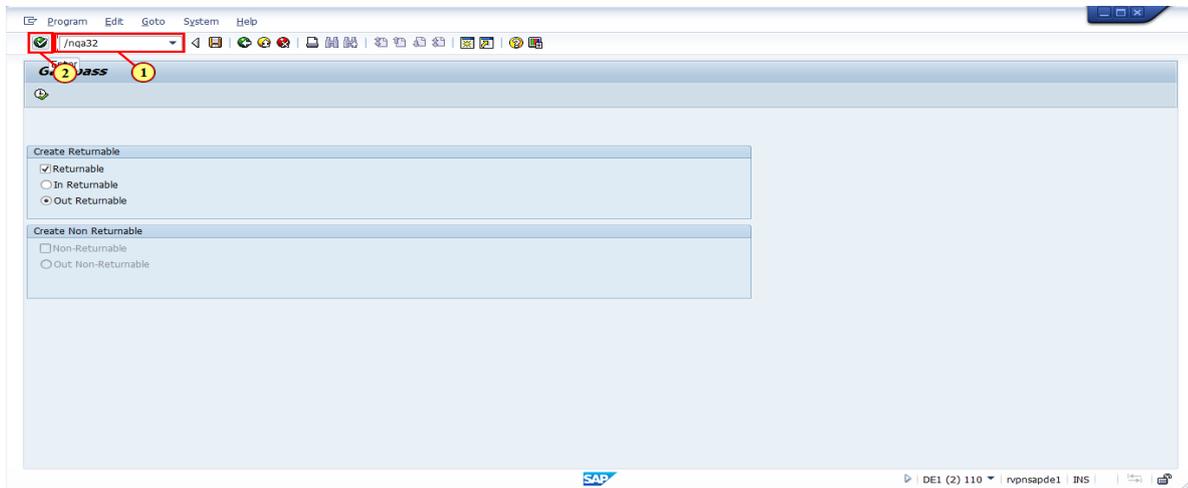


**Testing Lab user will do following entry**

**1.1.30. Inspection Lot Selection**

**Note:** Inspection lot selection is processed to record results and usage decision

<b>SAP Menu</b>	Logistics → Plant Maintenance Maintenance processing → Order → Inspection Processing → Inspection lot → <del>worklist</del>
<b>Transaction code</b>	QA32



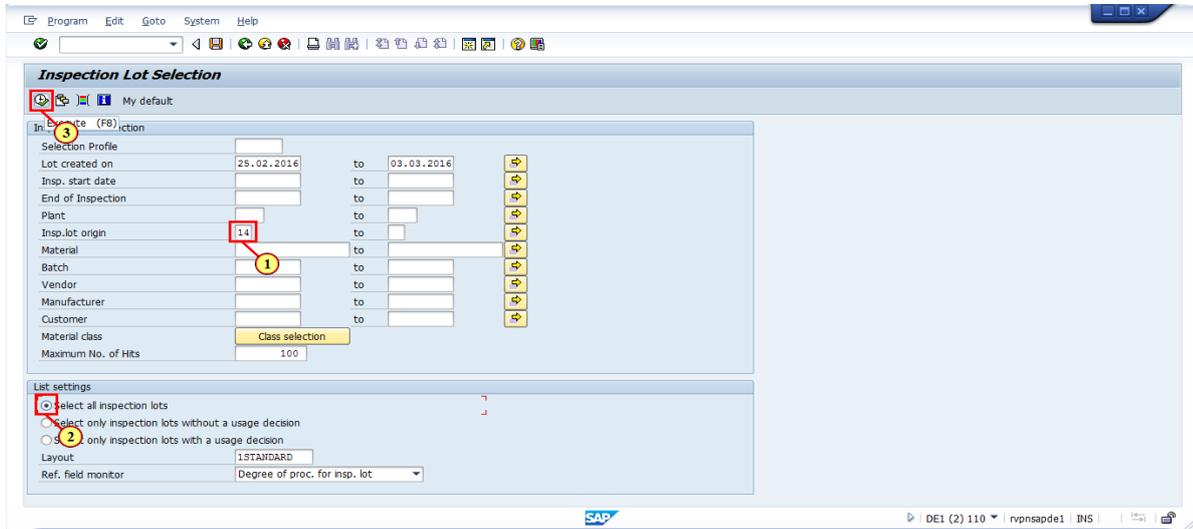
Step	Action
(1)	Enter /nQA32. in transaction box
(2)	Press Enter



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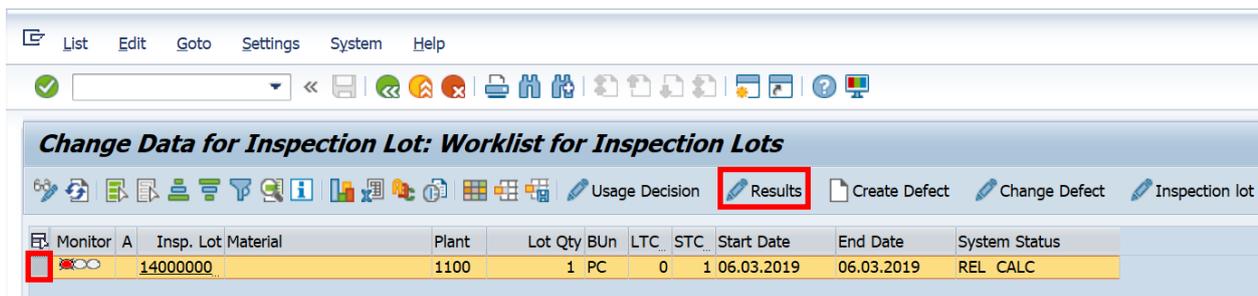


### 1.1.31. Inspection Lot Selection



Step	Action
(1)	Clicking Input Help Insp.lot origin opens a dropdown list with valid values. Select '14' plant maintenance.
(2)	Select all inspection lots is now selected.
(3)	Click Execute . You can also press F8.

### 1.1.32. Change data for inspection lot: Worklist for Inspection Lots



Step	Action
(1)	Click .
(2)	Click Results . You can also press Ctrl+Shift+F8.



### 1.1.33. Inspection Point

Step	Action
(1)	Clicking Input Help opens a dropdown list with valid values. Select required equipment
(2)	Click Continue . You can also press Enter.

### 1.1.34. Record Results: Characteristic Overview

Step	Action
(1)	Enter 0 in result field and then press enter



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### 1.1.35. Catalog Selection

Step	Action
(1)	Click Accept.
(2)	Click Choose  . You can also press Enter.

### 1.1.36. Record Results: Characteristic Overview

Step	Action
(1)	Click  .
(2)	Click Select a char.  .



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### 1.1.37. Record Results for 000001: Characteristic Single Screen

Step	Action
(1)	Click Close . You can also press F8.

### 1.1.38. Manual Valuation

Step	Action
(1)	Click Continue . You can also press Enter.



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### 1.1.39. Record Results for 000001: Characteristic Single Screen

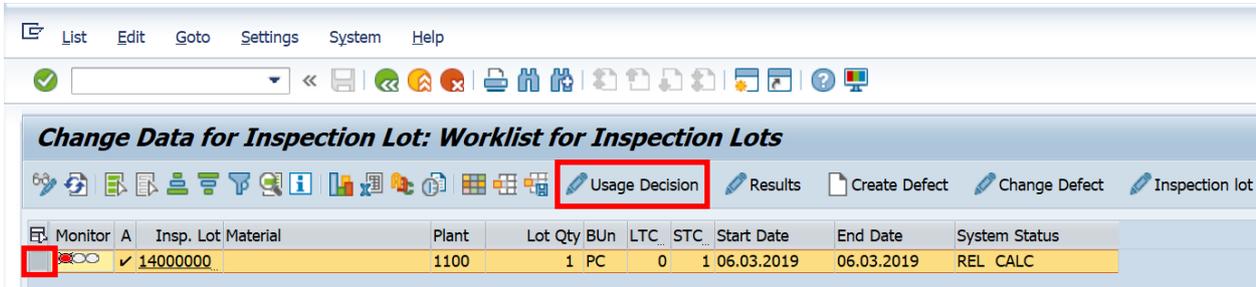
Step	Action
(1)	Click Save . You can also press Ctrl+S.

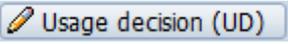
### 1.1.40. Valuation

Step	Action
(1)	Click Continue . You can also press Enter.

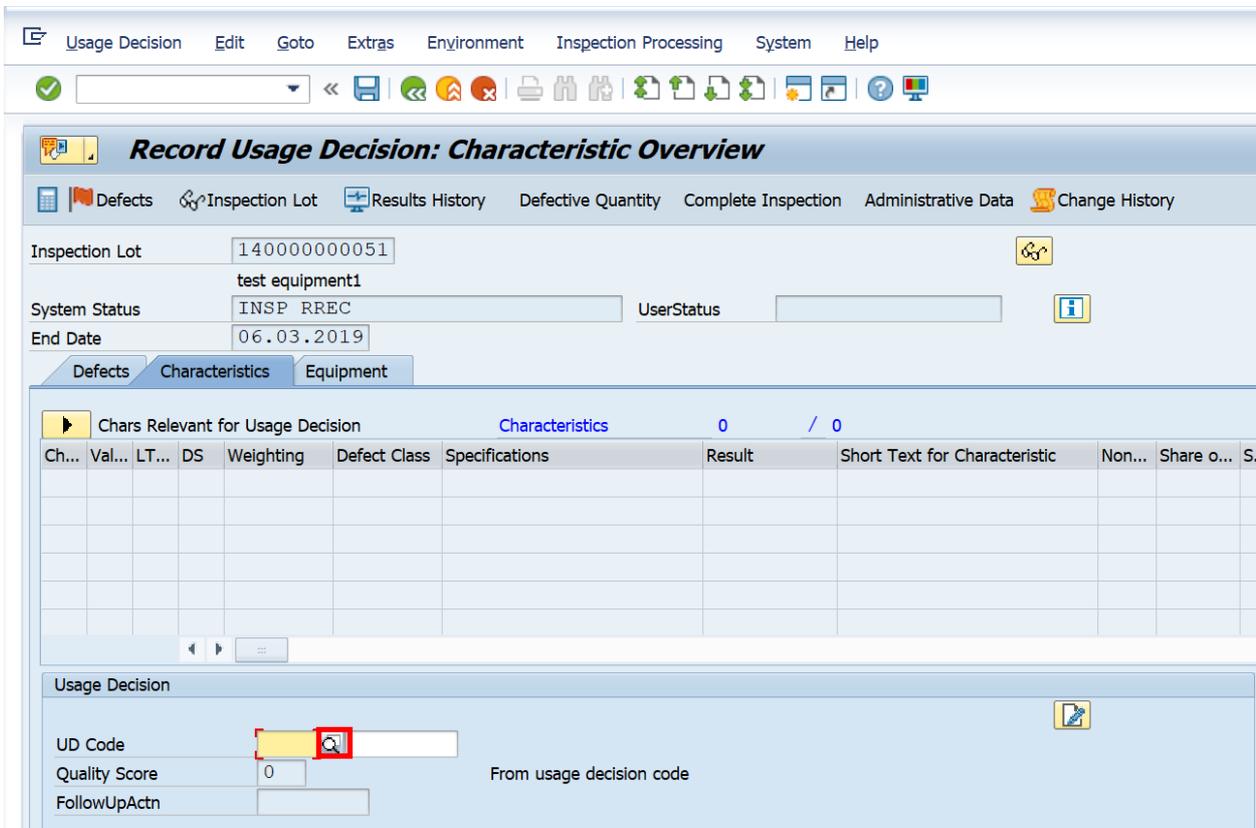


### 1.1.41. Change data for inspection lot: Worklist for Inspection Lots



Step	Action
(1)	Click  .
(2)	Click Usage decision (UD)  . You can also press Ctrl+Shift+F5.

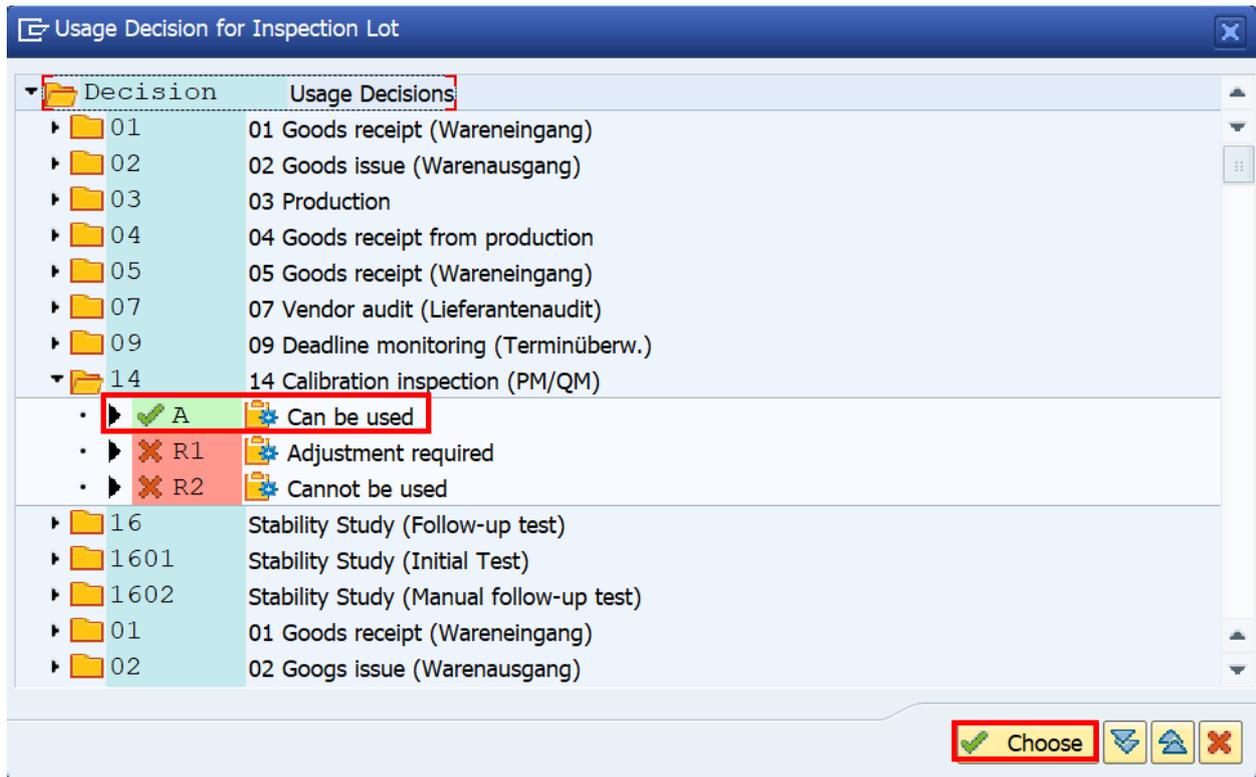
### 1.1.42. Record Usage Decision: Characteristic Overview





Step	Action
(1)	Clicking Input Help UD code  opens a dropdown list with valid values.

### 1.1.43. Usage Decision for Inspection Lot



Step	Action
(1)	Clicking the Open folder icon opens the folder PM-CAL.
(2)	Click A  A .
(3)	Click Choose  . You can also press Enter.



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### 1.1.44. Record Usage Decision: Characteristic Overview

Usage Decision

UD Code   CAN BE USED

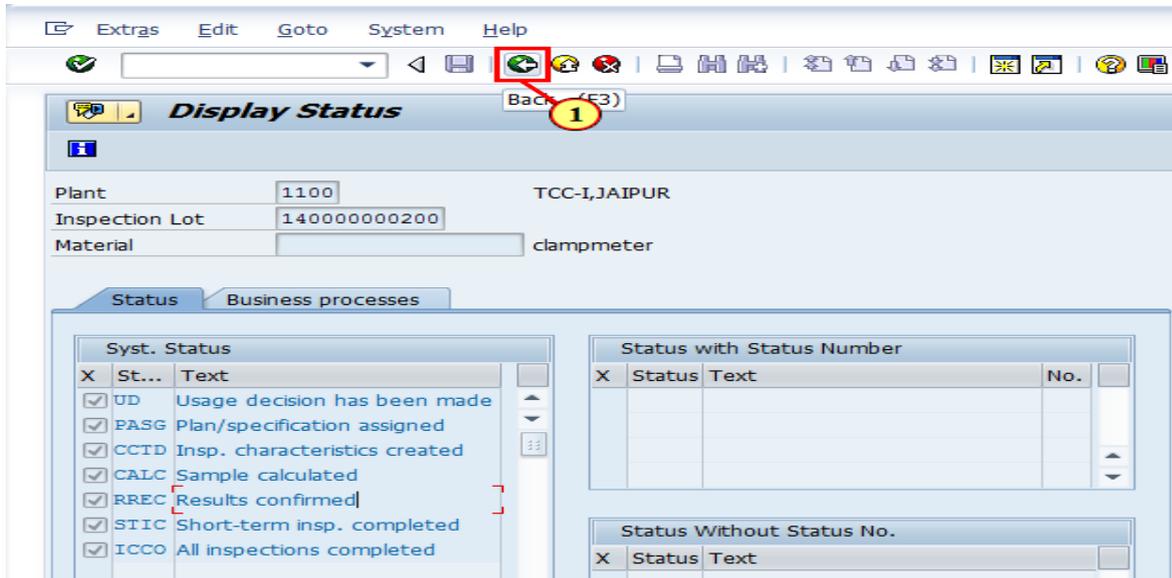
Quality Score  From usage decision code

FollowUpActn

Step	Action
(1)	Click Save  .You can also press Ctrl+S.

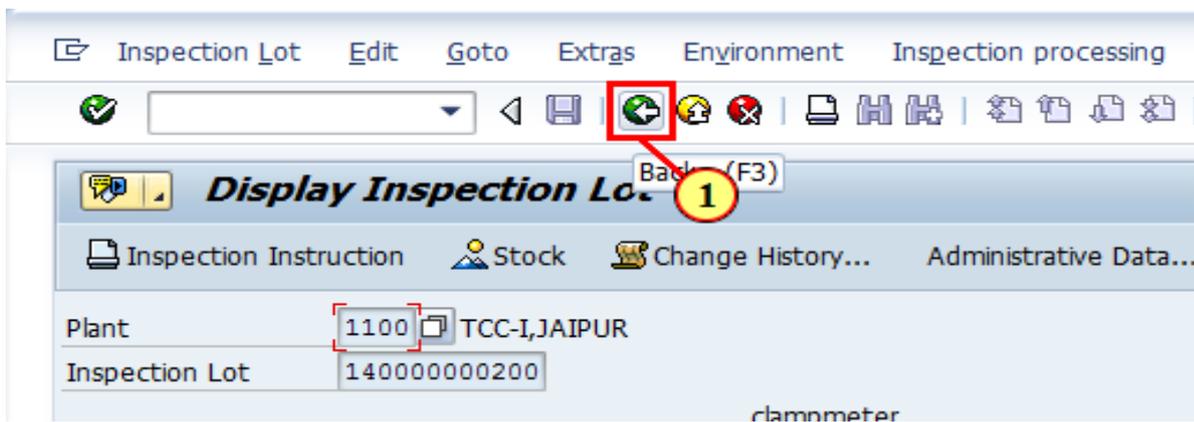


### 1.1.45. Display Status



Step	Action
(1)	Clicking Back  takes you back to the previous page. You can also press F3.

### 1.1.46. Display Inspection Lot



Step	Action
(1)	Clicking Back  takes you back to the previous page. You can also press F3.



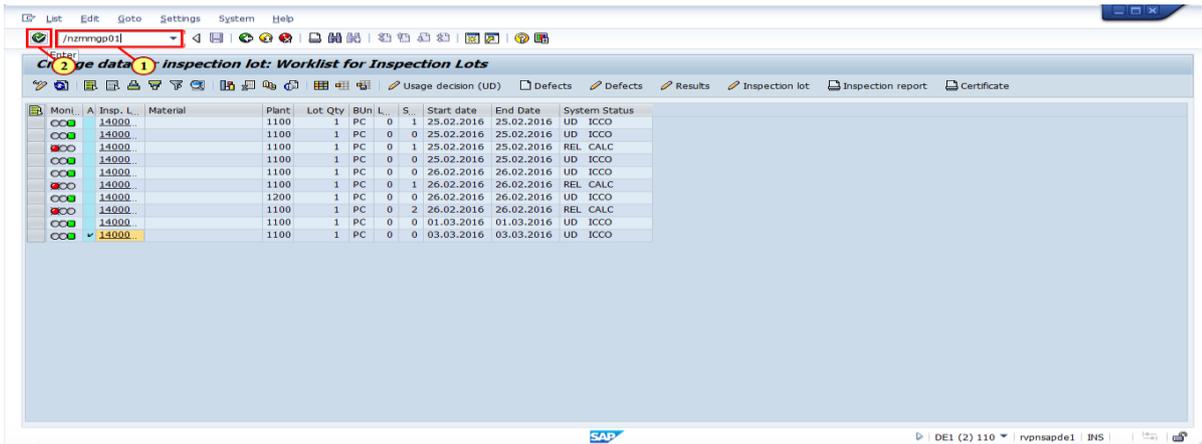
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**After Testing GSS user will received Equipment**

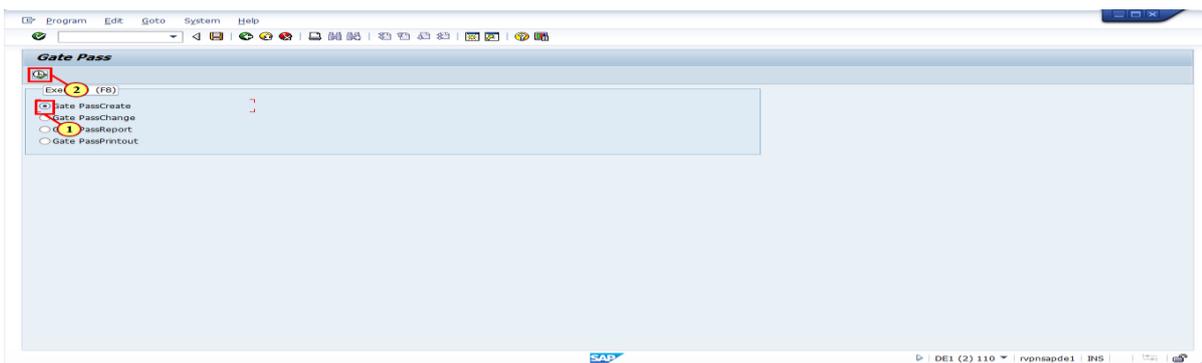
**1.1.47. Gate Pass**

**Note:**After receiving the tested equipment-material from testing lab, GSS user will update in Gate pass receiving quantity.



Step	Action
(1)	Input /nZMMGP01 in transaction box
(2)	Click Enter  .

**1.1.48. Gate Pass**



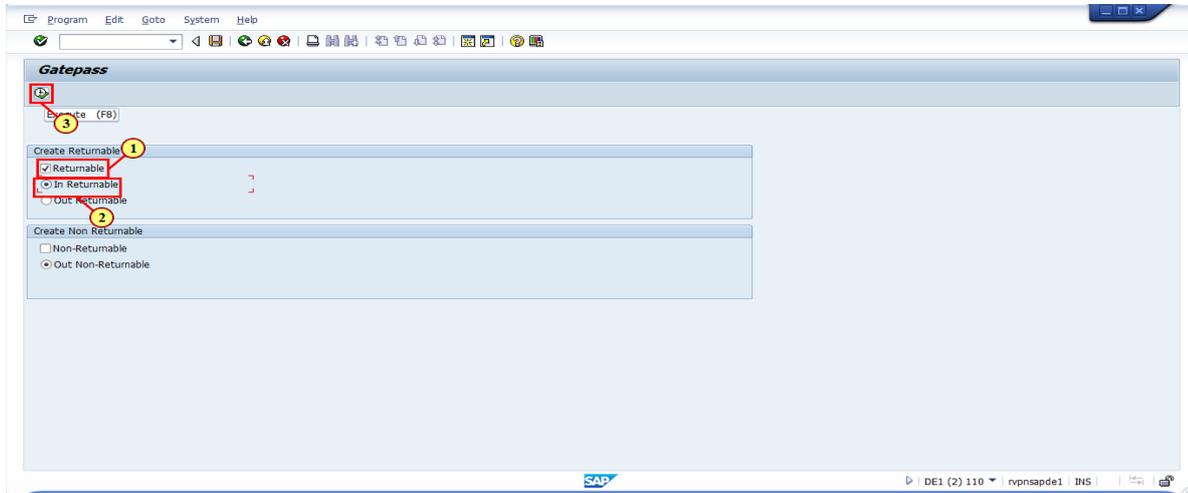
Step	Action
(1)	Select Gate Pass Create
(2)	Click Execute  . You can also press F8.



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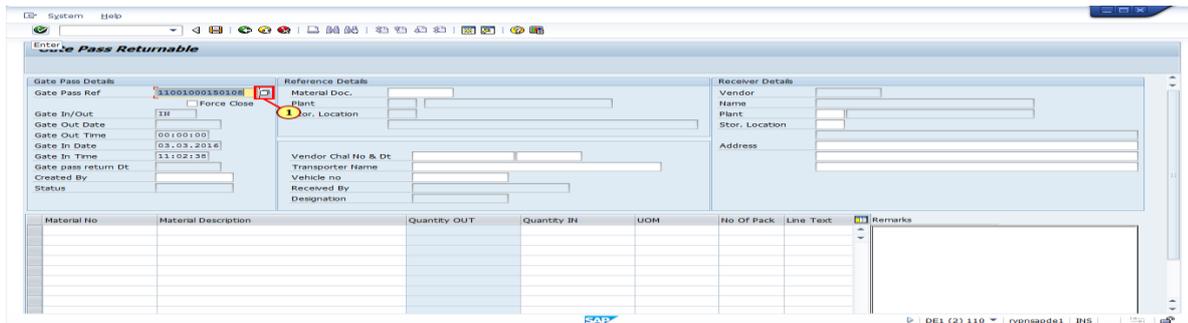


### 1.1.49. Gatepass



Step	Action
(1)	Select Reetrunable
(2)	Select In Returnable
(3)	Click Execute  .You can also press F8.

### 1.1.50. Gate Pass Returnable



Step	Action
(1)	Clicking Input Help Gate Pass Ref opens a dropdown list with valid values w.r.t plant.
	Press Enter



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### 1.1.51. Gate Pass Returnable

Step	Action
(1)	The Plant field is filled out.
(2)	The Stor. Location field is filled out.
(3)	The Quantity IN field is filled out.
(4)	Click Save  . You can also press Ctrl+S.

### 1.1.52. Gatepass



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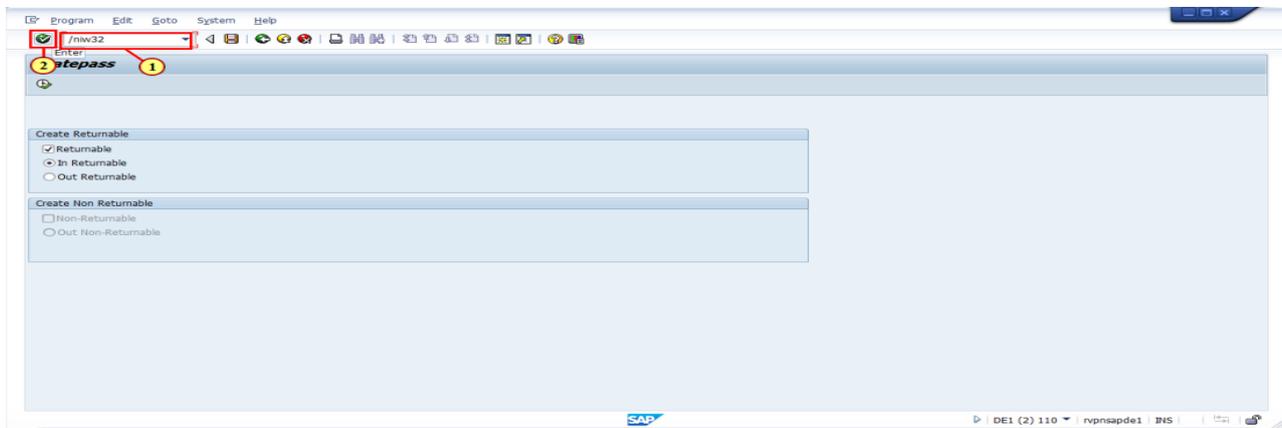


**GSS user will do following steps**

**Note:** Technically complete all respective equipment shutdown maintenance orders.

**1.1.53. Complete Calibration Order**

SAP Menu	Logistics Plant Maintenance Maintenance → processing <del>Order</del> Change
Transaction code	IW32



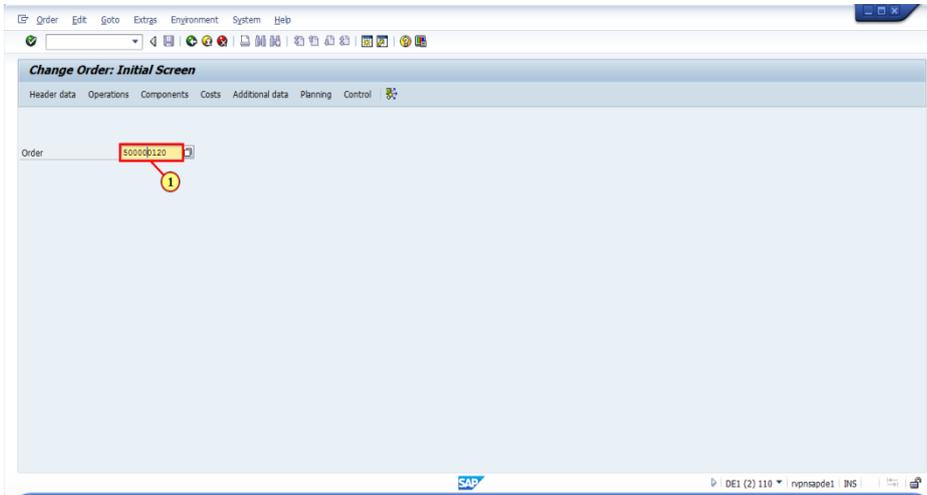
Step	Action
(1)	Enter IW32
(2)	Click Enter  .



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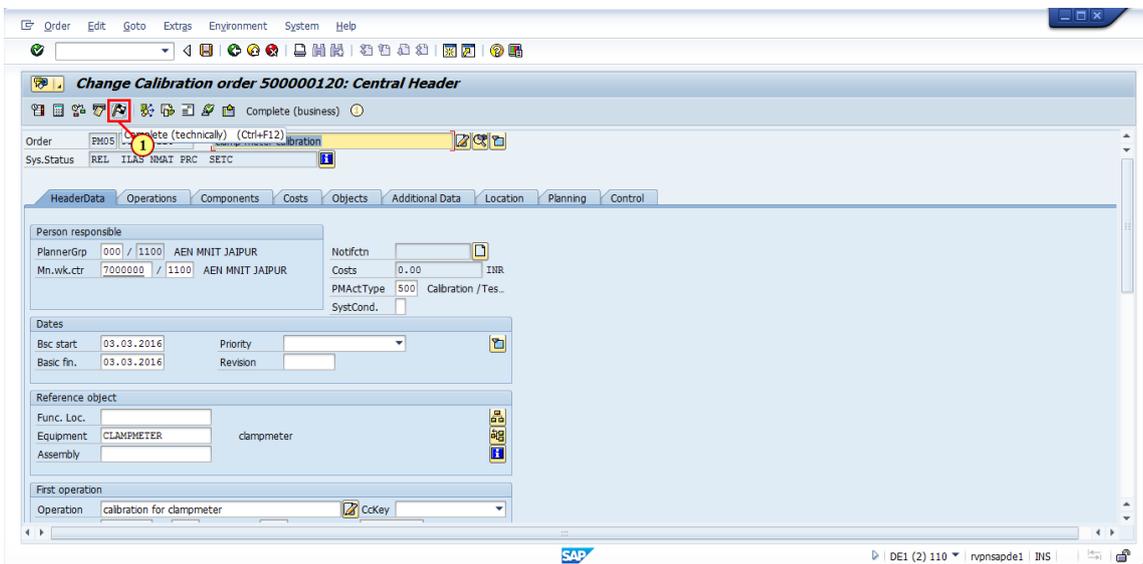


### 1.1.54. Change Order: Initial Screen



Step	Action
(1)	Enter Order number.
	Press Enter

### 1.1.55. Change Calibration order 50000120: Central Header



Step	Action
(1)	Click Complete  . You can also press Ctrl+F12.



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### 1.1.56. Complete

Step	Action
(1)	The Reference time field is filled out.
(2)	Click Continue . You can also press Enter.

### 1.1.57. Change Calibration order 500000120: Central Header

Step	Action
(1)	Click Complete (business) . You can also press Ctrl+Shift+F12.