

## Min Max Planning at Purchase Requisition: -

### Setup for Min Max Planning at PR

- Set Price for item
- Assign Item to Subinventory
- Run Min Max Planning Report
- INV\_MINMAX\_REORDER\_APPROVED
- Set Requisition Preferences

#### 1. Create an item and Set Price for the item

The screenshot shows the Oracle 'Create Item' dialog box. The background is the 'Product Information Management' page with a 'Create Item' tab. The dialog box has the following fields and sections:

- Organization:** A dropdown menu showing '000'.
- Create New / Create from Copy:** Two radio buttons, with 'Create New' selected.
- Number of Items:** A text input field containing '1'.
- Item Class:** A dropdown menu showing 'Root Item Class'.
- Item Class Description:** A text field showing 'Root Item Class'.
- Templates:**
  - Available List:** A list box containing 'Phantom Item', 'Planning Item', 'Product Family', 'Reference Item', 'S1 - ATO Model Mtg', 'S1 - ATO Options', and 'S1 - Assemblies'.
  - Selected List:** A list box containing 'Purchased Item'.
- Buttons:** 'OK' and 'Cancel' buttons at the bottom right.

Product Information Management **Create Item** x

**Create Item** ?

Actions | Save | Cancel

\* Item: Min\_max-PR

\* Description: Min\_max-PR

Item Class: Root Item Class

Approval Status: Approved

Completeness Score:

Created By: FSCM10.STUDENT

Item Status: Active

Lifecycle Phase: Production

User Item Type: Purchased Item

Pack Type: Base Unit or Each

Revision: A

Creation Date: 3/16/25 5:32 AM

No items to display

Item Organization: Purchasing

Transactional Attributes

Product Details

Product Development demo CLASS

**Item Revision**

Additional Attributes

**Item Organization**

Manufacturing

Service

Inventory

Physical Attributes

Sales and Order Management

Planning

Purchasing

Purchased: Yes

Use Approved Supplier: No

Negotiation Required:

Input Tax Classification Code:

Unit of Issue:

Invoice Close Tolerance Percentage:

Hazard Class:

Asset Category:

Pricing

Purchase Price: 150

Price Tolerance Percentage:

Market Price:

Outside Processing Item

Outside Processing Service: No

Purchasable: Yes

Allow Purchasing Document Description Update: Yes

Taxable: No

Default Buyer:

Receipt Close Tolerance Percentage:

UN Number:

Rounding Factor:

Last Contract Price:

Invoice Matching ?

Match Approval Level:

fa-eqne-dev26-saasfadem01.ds-fa.oraclepdemos.com/fscmUI/faces/FuseWelcome?\_adf.ctrl-state=bj98qapf\_1&\_adf.no-new-window-redirect=true&\_afLoop=27921498903476392&...

\* Description: Min\_max-PR

Item Class: Root Item Class

Approval Status: Approved

Completeness Score:

Created By: FSCM10.STUDENT

Lifecycle Phase: Production

User Item Type: Purchased Item

Pack Type: Base Unit or Each

Revision: A

Creation Date: 3/16/25 5:32 AM

No items to display

None

Overview Specifications Structures Attachments **Associations** Relationships Categories Quality

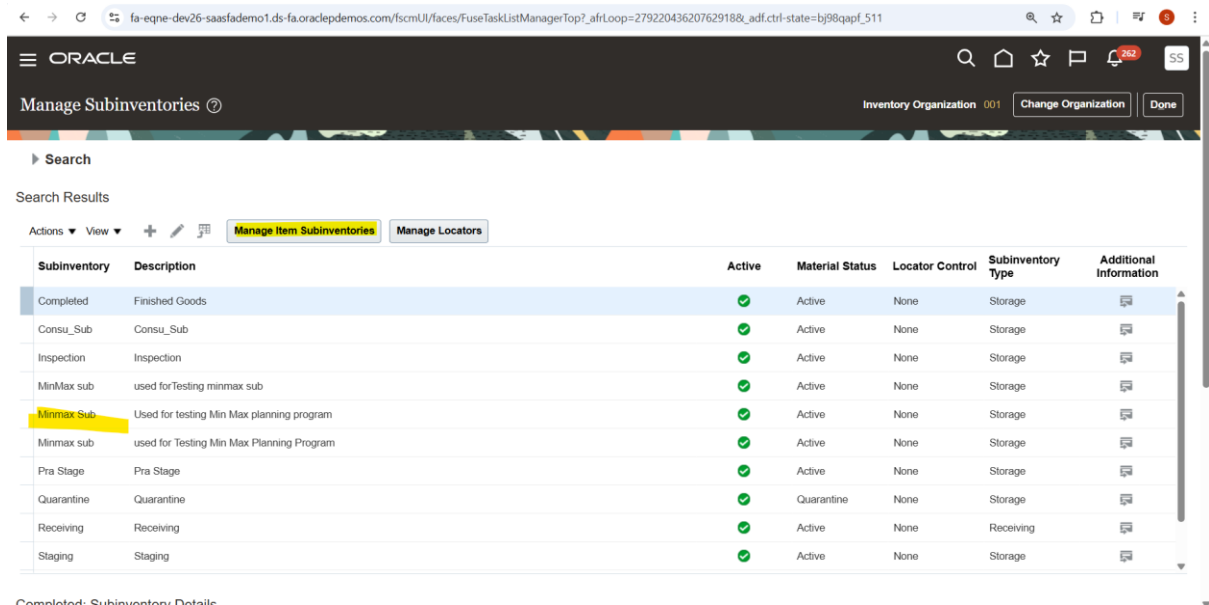
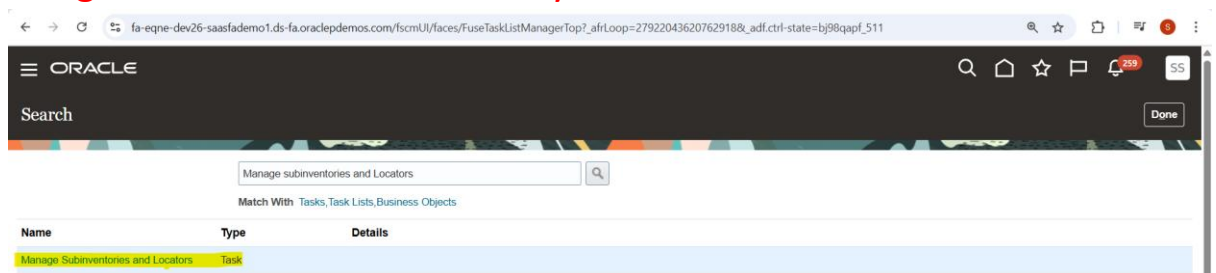
Organizations Supplier Organizations

Actions View Format Reassign Freeze Detach Wrap

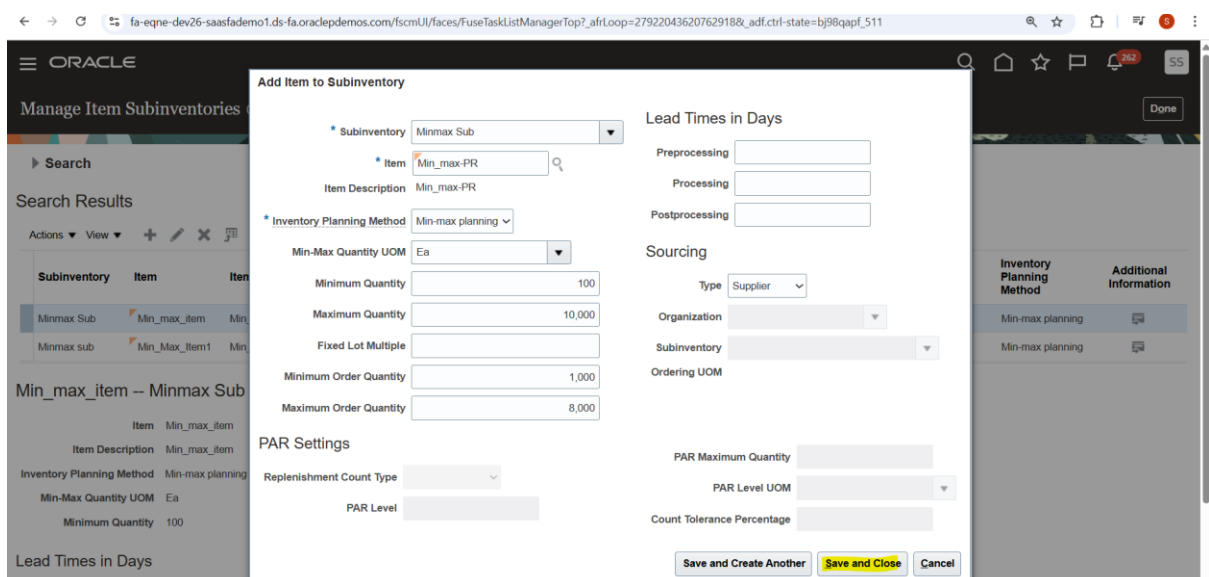
Organization	Organization Name	Item Status	Primary Unit of Measure	Tracking Unit of Measure	Pricing	Secondary Unit of Measure	Defaulting Control	Positive Deviation Factor	Negative Deviation Factor	Approval Status
000	Operations	Active	Ea	Primary	Primary			0	0	Approved
001	Seattle	Active	Ea	Primary	Primary			0	0	Approved

Save and close the item

## 2. Assign the Item to Sub inventory



Select the Sub inventory and Click on +



Type: supplier

Click on Done

## 3. Run Min-Max Planning Report

Oracle Fusion SCM Overview

Search Results

View: Flat List | Hierarchy

Actions: View | Schedule New Process

Name	Metadata Name
Resubmit Undelivered Signals	ResubmitUndelivered
Resubmit Undelivered Signals	ResubmitUndelivered
Refresh Access Control Data	RefreshAccessCo
Resubmit Undelivered Signals	ResubmitUndelivered

**Schedule New Process**  
Type: ☒ Job ☐ Job Set  
Name: **Print Min-Max Planning Report**  
Description: Calculates min-max planning replenishment levels for items.  
**OK** **Cancel**

Submitted By	Submission Notes
FUSION_APPS_CRM...	Resubmit Undelivered...
FUSION_APPS_CRM...	Resubmit Undelivered...
FUSION_APPS_CRM...	Refresh Access Data ...
FUSION_APPS_CRM...	Resubmit Undelivered...

Oracle Fusion SCM Overview

Search Results

View: Flat List | Hierarchy

Actions: View | Schedule New Process

Name	Metadata Name
Resubmit Undelivered Signals	ResubmitUndelivered
Resubmit Undelivered Signals	ResubmitUndelivered
Refresh Access Control Data	RefreshAccessControl
Resubmit Undelivered Signals	ResubmitUndelivered

**Process Details**  
This process will be queued up for submission at position 1  
**Process Options** **Advanced** **Submit** **Cancel**  
Name: Print Min-Max Planning Report  
Description: Calculates min-max planning replenishment level...  
Schedule: As soon as possible  
Submission Notes:  
**Basic Options**  
Parameters:  
\* Organization: 001  
\* Sort By: Inventory Item  
From Item: Min\_max-PR  
To Item: Min\_max-PR  
\* Planning Level: Subinventory  
\* Item Selection: All min-max planned items  
Subinventory:  
Batch Prefix:  
Lot Control: Include both lot and not lot controlled items  
Demand Cutoff Date: m/d/yy

Submitted By	Submission Notes
FUSION_APPS_CRM...	Resubmit Undelivered...
FUSION_APPS_CRM...	Resubmit Undelivered...
FUSION_APPS_CRM...	Refresh Access Data ...
FUSION_APPS_CRM...	Resubmit Undelivered...

Oracle Fusion SCM Overview

Search Results

View: Flat List | Hierarchy

Actions: View | Schedule New Process

Name	Metadata Name
Resubmit Undelivered Signals	ResubmitUndelivered
Resubmit Undelivered Signals	ResubmitUndelivered
Refresh Access Control Data	RefreshAccessControl
Resubmit Undelivered Signals	ResubmitUndelivered

**Process Details**  
This process will be queued up for submission at position 1  
**Process Options** **Advanced** **Submit** **Cancel**  
Name: Print Min-Max Planning Report  
Description: Calculates min-max planning replenishment level...  
Schedule: As soon as possible  
Submission Notes:  
**Basic Options**  
Parameters:  
Supply Cutoff Date Offset:  
\* Restock: Yes  
Ship-to Location:  
\* Net Unreserved Orders: Yes  
\* Include Interface Supply: Yes  
\* Net Reserved Orders: Yes  
Include Nonnettable Subinventories: Yes  
\* Display Format: Display all information  
\* Display Item Description: Yes  
\* Include PO Supply: Yes  
From Category:


Submitted By	Submission Notes
FUSION_APPS_CRM...	Resubmit Undelivered...
FUSION_APPS_CRM...	Resubmit Undelivered...
FUSION_APPS_CRM...	Refresh Access Data ...
FUSION_APPS_CRM...	Resubmit Undelivered...

[illegible]


C:\Users\meets\Downloads\Min-MaxPlanningReport\_Redwood%20(5).pdf

Min-MaxPlanningReport\_Redwood (5).pdf

1 / 2 - 100% +



1



2

### ORACLE

### Seattle

### Min-Max Report

Report Date 3/16/25 6:08 AM

Report Parameters	
Organization	Seattle
Planning Level	Subinventory
Subinventory	
Item Selection	All min-max planned items
From Category	To Category
From Item	Min_max-PR
To item	Min_max-PR
From Buyer	To Buyer
Sort By	Inventory item
Demand Cutoff Date	3/16/25
Supply Cutoff Date	3/16/25
	Restock Yes
Ship-to Location	
Net Unreserved Orders	Yes
Net Reserved Orders	Yes
Include PO Supply	Yes
Include Move Order Supply	Yes
Include Interface Supply	Yes
Include Nonnettable Subinventories	Yes
Lot Control	Include both lot and not lot controlled items
Display Format	Display all information
Display Item Description	Yes
From Planner	To Planner
Net WIP Demand	Yes
Include WIP Supply	Yes
Include Subinventories	Yes
Without On-Hand Quantities	
Batch Name	MINMAX7677032

Oracle Min-Max Report

Seattle

Report Date: 3/16/25 6:08 AM  
Page 1 of 1

Item	Item Description	Sort By	Minimum Quantity	Maximum Quantity	On-Hand Quantity	Supply Quantity	Demand Quantity	Available Quantity	Order Quantity	Reorder Quantity	
									Minimum	Maximum	Multiple
Min_max-PR/											
Min_max-PR			100	10,000	0	0	0	0	1,000	8,000	10,000

End of Report

Min max planning program completed successfully, we can able to see the output, Reorder Quantity is 10,000

#### 4. Change the Profile options:

Goto Setup and Maintenance>Mange administrator profile values  
Search with INV MINMAX REORDER APPROVED

Manage Administrator Profile Values

Search : Profile Option

Profile Option Code: INV\_MINMAX\_REORDER\_APPROVED Application: Inventory Management

Profile Display Name: Min-Max Replenishment Reorder A... Module: Material Availability

Category: 4/13/18

Search Results

Search Results : Profile Options

Profile Option Code	Profile Display Name	Application	Module	Start Date	End Date	Description
INV_MINMAX_REORDER_APPROVED	Min-Max Replenishment Reorder A...	Inventory Management	Material Availability	4/13/18		Enable automatic approval of min-max replenishment reorders for purchase...

INV\_MINMAX\_REORDER\_APPROVED: Profile Values

Actions View

Profile Option Code	Profile Display Name	Application	Module	Start Date	End Date	Description
INV_MINMAX_REORDER_APPROVED	Min-Max Replenishment Reorder A...	Inventory Management	Material Availability	4/13/18		Enable automatic approval of min-max replenishment reorders for purchase...

INV\_MINMAX\_REORDER\_APPROVED: Profile Values

Actions View

Profile Level	Product Name	User Name	Profile Value
Site			Preapproved
User			

Preapproved → if we don't want approvals, keep it as Preapproved at site level

Incomplete → If we want approvals, we can keep it as incomplete at site level

Manage Administrator Profile Values

Search : Profile Option

Profile Option Code: INV\_MINMAX\_REORDER\_APPROVED Application: Inventory Management

Profile Display Name: Min-Max Replenishment Reorder A... Module: Material Availability

Category: 4/13/18

Search Results

Search Results : Profile Options

Profile Option Code	Profile Display Name	Application	Module	Start Date	End Date	Description
INV_MINMAX_REORDER_APPROVED	Min-Max Replenishment Reorder A...	Inventory Management	Material Availability	4/13/18		Enable automatic approval of min-max replenishment reorders for purchase requests.

INV\_MINMAX\_REORDER\_APPROVED: Profile Values

Actions View

Profile Level	Product Name	User Name	Profile Value
Site			Incomplete
User			

Keep it as incomplete, we will go through the approvals.

## 5. Update the Requisition Preferences

**Requisitions**

Shop by Category Search

### Recent Requisitions

PR10156	Alliance Business Software
PR10155	Item description
PR10154	mango
PR10153	two stage
PR10152	Rsk

Activators & Appliers Amazon

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### Edit Requisition Preferences

Requisitioning BU US1 Business Unit

#### Shipping and Delivery

\* Requester student\_scm10

Deliver-to Location Type Internal

\* Deliver-to Location Seattle

Deliver-to Address 411 University Street, Seattle, WA 98101, King, United States

Destination Type Inventory

Subinventory Minmax Sub

#### Billing

#### Projects

Project Number

Task Number

Expenditure Type

Expenditure Organization

Contract Number

Funding Source

#### Favorite Charge Accounts

Primary	Nickname	Charge Account	Delete
No data to display.			

Save a and close

The screenshot shows the Oracle APEX 'Schedule New Process' dialog box. The dialog is titled 'Schedule New Process' and has two radio buttons for 'Type': 'Job' (selected) and 'Job Set'. Below this is a dropdown menu for 'Name' with the selected value 'Process Supply Chain Orchestration Interface'. The 'Description' field contains the text 'Creates supply orders based on Supply Chain Orchestration Interface records'. At the bottom right are 'OK' and 'Cancel' buttons. The background shows the Oracle APEX 'Overview' page with a table of processes.

Name	Metadata Name	Submission Notes	Start Time
Print Min-Max Planning Report	InvMinMaxPlanningReportL		3/16/25 6:07 AM UTC
Index Active Meta Model Vers...	IndexActiveMetaModelVers	oracle apps crm Com...	3/16/25 6:05 AM UTC
Update References for Entity	UpdateDocumentsWhoseR	IndexActiveMetaMod...	3/16/25 6:05 AM UTC
Update References for Entity	UpdateDocumentsWhoseR	IndexActiveMetaMod...	3/16/25 6:05 AM UTC

The screenshot displays the Oracle Fusion SCM user interface. In the foreground, a 'Process Details' dialog box is open for the 'Process Supply Chain Orchestration Interface'. The dialog contains the following information:

- Process Details:**
  - Name:** Process Supply Chain Orchestration Interface
  - Description:** Creates supply orders based on Supply Chain Or...
  - Schedule:** As soon as possible
  - Submission Notes:** (Empty text box)
- Basic Options:**
  - Parameters:**
    - System:** Oracle Fusion Inventory Management (selected from a dropdown)
    - Organization:** (Empty text box)
    - From Supply Request Batch Number:** (Empty text box)
    - To Supply Request Batch Number:** (Empty text box)
    - From Supply Request Date:** m/d/yyyy h:mm a (with a calendar icon)
    - To Supply Request Date:** m/d/yyyy h:mm a (with a calendar icon)
    - Batch Size:** (Empty text box)

The background shows the 'Overview' page with a table of reports:

Name	Metadata Name	Process
Print Min-Max Planning Report	InvMinMaxPlanningReportJob	767
Index Active Meta Model Vers...	IndexActiveMetaModelVersi...	767
Update References for Entity	UpdateDocumentsWhoseR...	767
Update References for Entity	UpdateDocumentsWhoseR...	767

Enter the Supply Request System and click on Submit

The screenshot shows the Oracle Supply Request System interface. At the top, there is a search bar and a 'Saved Search' dropdown set to 'Last hour'. Below the search bar, there are tabs for 'View' (Flat List, Hierarchy) and 'Actions' (Schedule New Process, Resubmit, Put On Hold, Cancel Process, Release Process, View Log). A table lists several processes:

Name	Metadata Name	Process ID	Status	Scheduled Time	Submission Time	Completion Time	Submitted By	Submission Notes	Start Time
Process Supply Chain Orche...	ProcessSupplyOrderInterface	7677075	Succeeded	3/16/25 6:30 AM UTC	3/16/25 6:30 AM UTC	3/16/25 6:31 AM UTC	SCM10 STUDENT		3/16/25 6:31 AM UTC
Refresh Access Control Data	RefreshAccessControlData...	7677074	Wait	3/16/25 7:30 AM UTC	3/16/25 6:30 AM UTC		FUSION_APPS_CRM...	Refresh Access Data ...	
Resubmit Undelivered Signals	ResubmitUndeliveredSignal...	7677070	Wait	3/16/25 6:39 AM UTC	3/16/25 6:29 AM UTC		FUSION_APPS_CRM...	Resubmit Undelivered...	
Generate Relevancy Feed	UserContextRelevancyFee...	7677069	Wait	3/16/25 7:28 AM UTC	3/16/25 6:29 AM UTC		JOHN DUNBAR	Generate Relevancy ...	

Below the table, the 'Process Details' section for 'Process Supply Chain Orchestration Interface, 7677075' is shown. It indicates the status is 'Succeeded' and the 'Schedule Start' is '3/16/25 6:31 AM UTC'. The 'Log and Output' section shows an attachment 'ESS\_L\_7677075'. Under 'Parameters', there are sections for 'Parameter Names with Values' and 'All Parameter Values'.

It got succeeded.

The screenshot shows the Oracle Supply Request System interface with the 'Process Details' section for 'Process Supply Chain Orchestration Interface, 7677075'. The status is 'Succeeded'. The 'Log and Output' section shows an attachment 'ESS\_L\_7677075'. A log output window is open, displaying the following information:

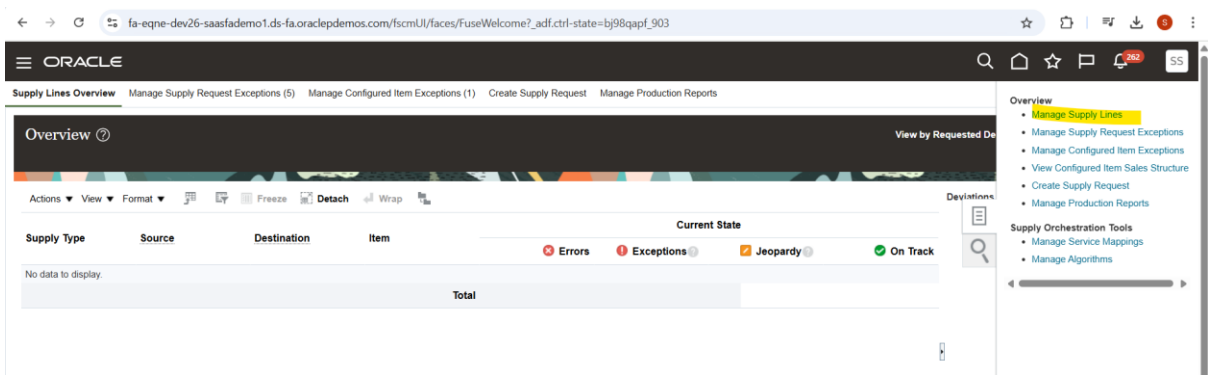
```
####[2025-03-16T06:31:06.431+00:00] [INFO] Input Parameters -->
  supplyOrderSource= INV
  organization=null
  fromBatchNumber= null
  toBatchNumber= null
  fromSupplyRequestDate= null
  toSupplyRequestDate= null
  batchSize= 0
LoadSupplyOrderService invoked successfully

####[2025-03-16T06:31:14.392+00:00] [INFO] List of Interface Batch Numbers Processed: [MINMAX7677032]
*****Response from the LoadSupplyOrderService*****
<env:Body xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <ns0:prepareProcessBatchAsyncResponse xmlns:ns0
    ="http://xmlns.oracle.com/anns/scm/dos/supplyRequestDecomposition/supplyRequestInterface/supplyInterfaceService/tvnes/">
```

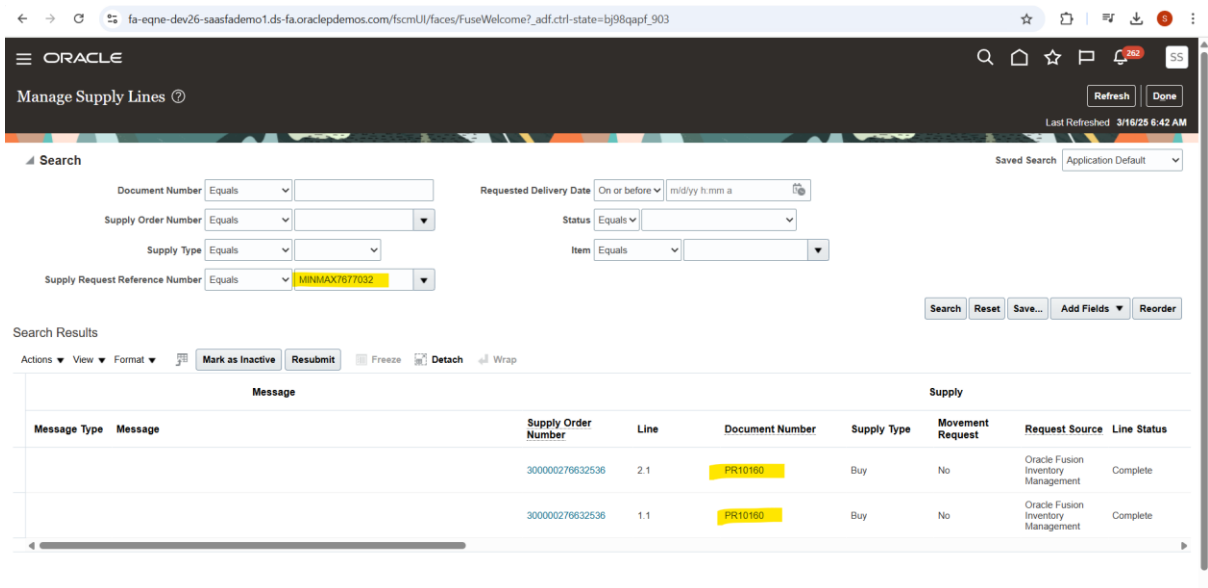
We can able to see the Batch number in the attachment

MINMAX7677032



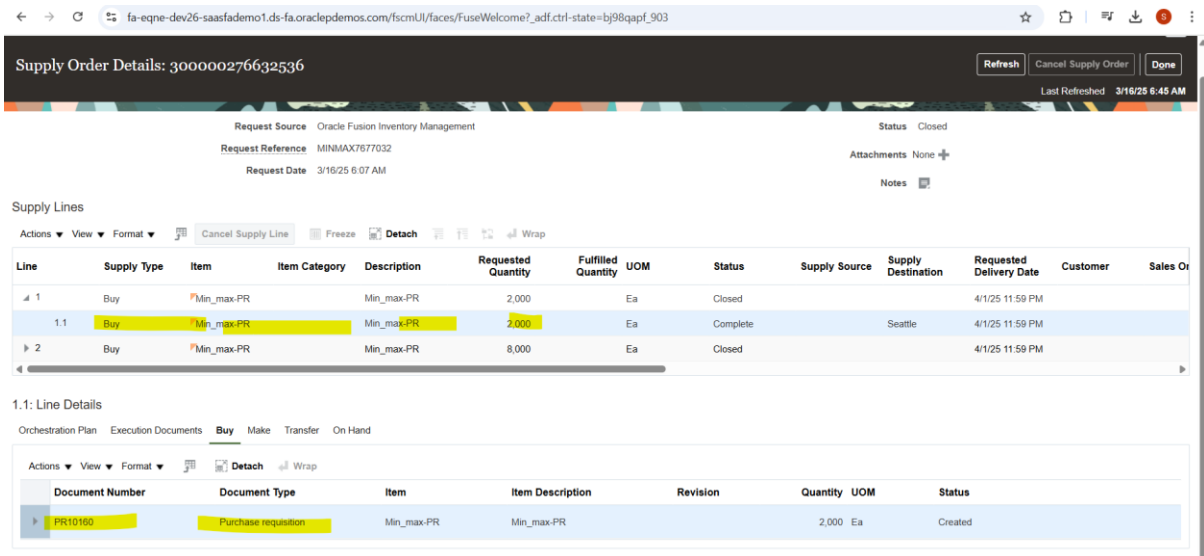


Click on manage Supply lines



PR is Created

PR10160



Supply Order Details: 300000276632536

Request Source: Oracle Fusion Inventory Management  
Request Reference: MINMAX767032  
Request Date: 3/16/25 6:07 AM

Status: Closed  
Attachments: None  
Notes: [Icon]

Supply Lines

Line	Supply Type	Item	Item Category	Description	Requested Quantity	Fulfilled Quantity	UOM	Status	Supply Source	Supply Destination	Requested Delivery Date	Customer	Sales Or
1	Buy	Min_max-PR		Min_max-PR	2,000		Ea	Closed			4/1/25 11:59 PM		
1.1	Buy	Min_max-PR		Min_max-PR	2,000		Ea	Complete		Seattle	4/1/25 11:59 PM		
2	Buy	Min_max-PR		Min_max-PR	8,000		Ea	Closed			4/1/25 11:59 PM		
2.1	Buy	Min_max-PR		Min_max-PR	8,000		Ea	Complete		Seattle	4/1/25 11:59 PM		

2.1: Line Details

Orchestration Plan Execution Documents Buy Make Transfer On Hand

Document Number	Document Type	Item	Item Description	Revision	Quantity	UOM	Status
PR10160	Purchase requisition	Min_max-PR	Min_max-PR		8,000	Ea	Created

This is the way we can find the purchase requisition number.

Manage Requisitions

Search

Advanced Manage Watchlist Saved Search Requisitions | Entered

Search Results

Requisitioning BU	Requisition	Description	Entered By	Creation Date	Approval Amount	Status	Funds Status	Procurement Card	Order	Order Status	Emergency Purchase Order
US1 Business Unit	PR10160	300000276632536	student, scm10	3/16/25	1,642,500.00 USD	Approved					

Requisitioning BU: US1 Business Unit  
Entered By: scm10 student  
Description: 300000276632536  
RT\_Category: Office City

Creation Date: 3/16/25  
Status: Approved  
Justification: Import Source: SCO

Requisition Amount: 1,500,000.00 USD  
Approval Amount: 1,642,500.00 USD  
Attachments: None  
RT\_Category: Office City

Requisition Lines

Line	Line Type	Item	Revision	Description	Category Name	Cost Center	UNSPSC	Quantity	UOM	Secondary Quantity	Secondary UOM	Price	Pric
1	Goods	Min_max-PR		Min_max-PR	Miscellaneous	000		8,000	Ea			150.00 USD	
2	Goods	Min_max-PR		Min_max-PR	Miscellaneous	000		2,000	Ea			150.00 USD	

Rows Selected: 1

Line 1: Details

Requester: scm10 student  
Requested Delivery Date: 4/1/25  
Deliver-to Location Type: Internal  
Deliver-to Location: Seattle

Destination Type: Inventory  
Subinventory: Minmax Sub  
Buyer: Calvin Roth  
Suggested Supplier: PO\_Date

Billing

Requisition created successfully through Min-Max Planning program