

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 'Organization' field is set to '000'. The 'Number of Items' field is set to '1'. The 'Item Class' dropdown is set to 'Root Item Class'. Below these fields, there are two lists: 'Available List' and 'Selected List'. The 'Available List' contains the following items: Phantom Item, Planning Item, Product Family, Reference Item, S1 - ATO Model Mtg, S1 - ATO Options, and S1 - Assemblies. The 'Selected List' contains the item 'Purchased Item'. The dialog box has '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

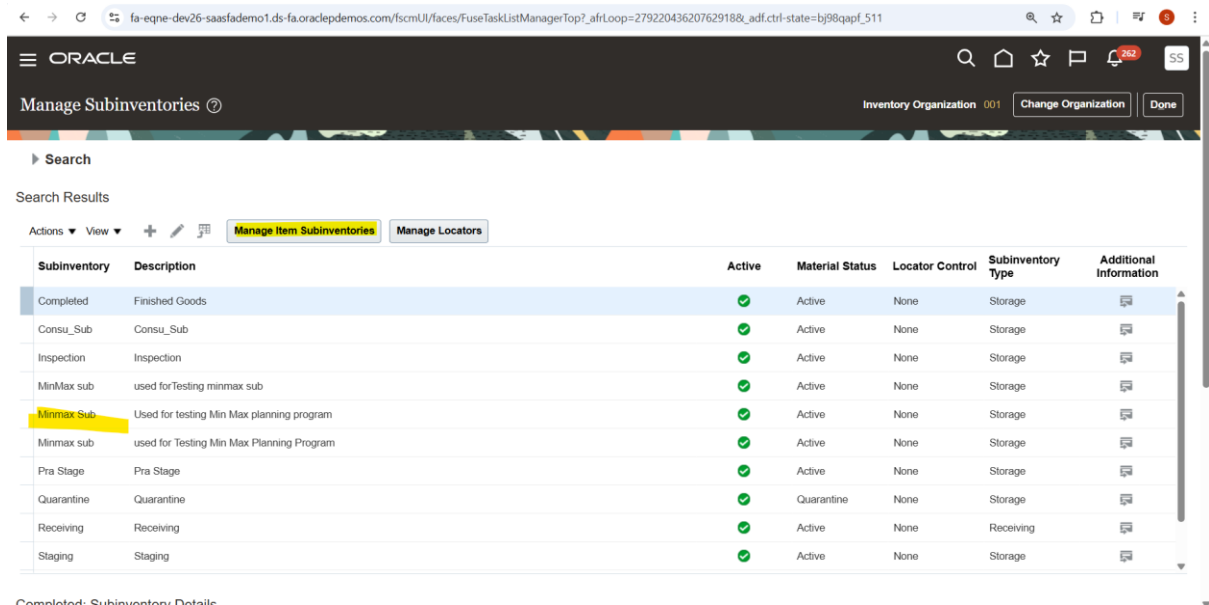
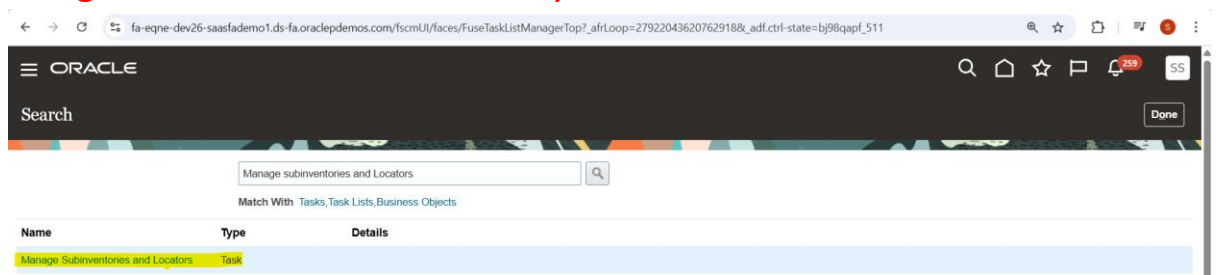
Organizations Supplier Organizations

Actions View Format Reassign Freeze Detach Wrap

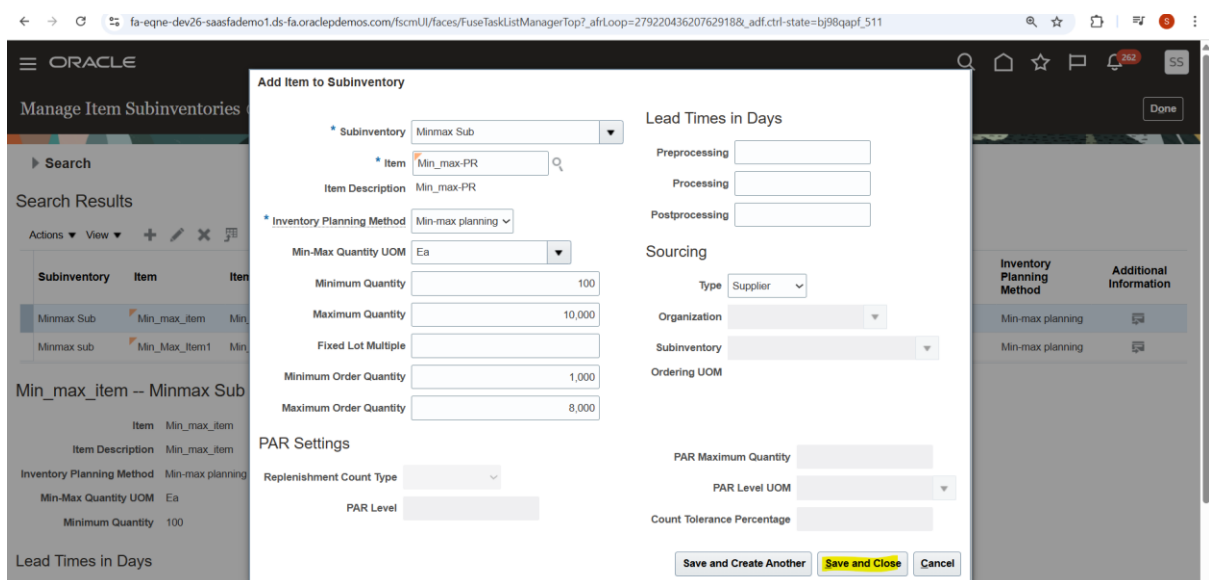
Organization	Organization Name	Item Status	Primary Unit of Measure	Tracking Unit of Measure	Pricing	Secondary Unit of Measure	Defaulting Control	Positive Deviation Factor	Negative Deviation Factor	Approval Status
000	Operations	Active	Ea	Primary	Primary			0	0	Approved
001	Seattle	Active	Ea	Primary	Primary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

Save and close the item

2. Assign the Item to Sub inventory



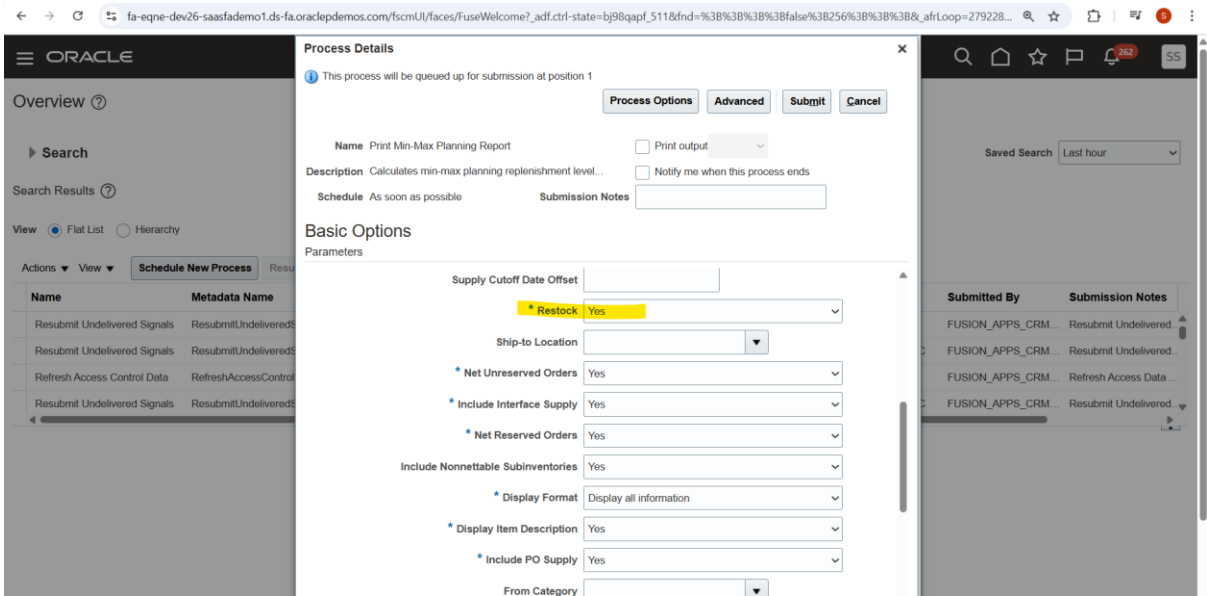
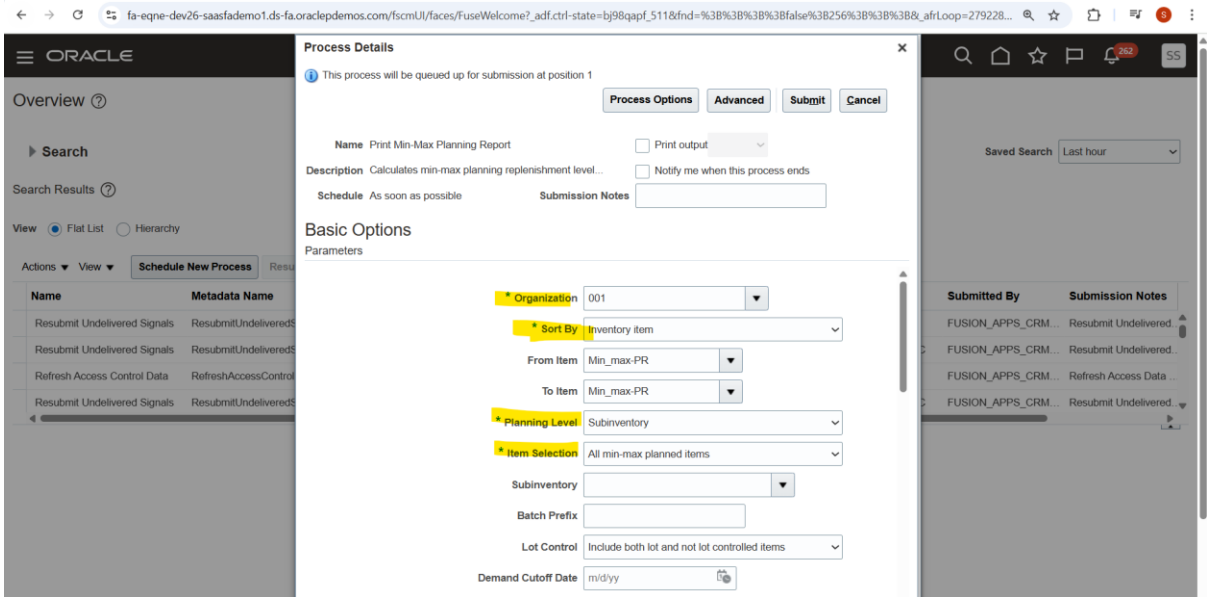
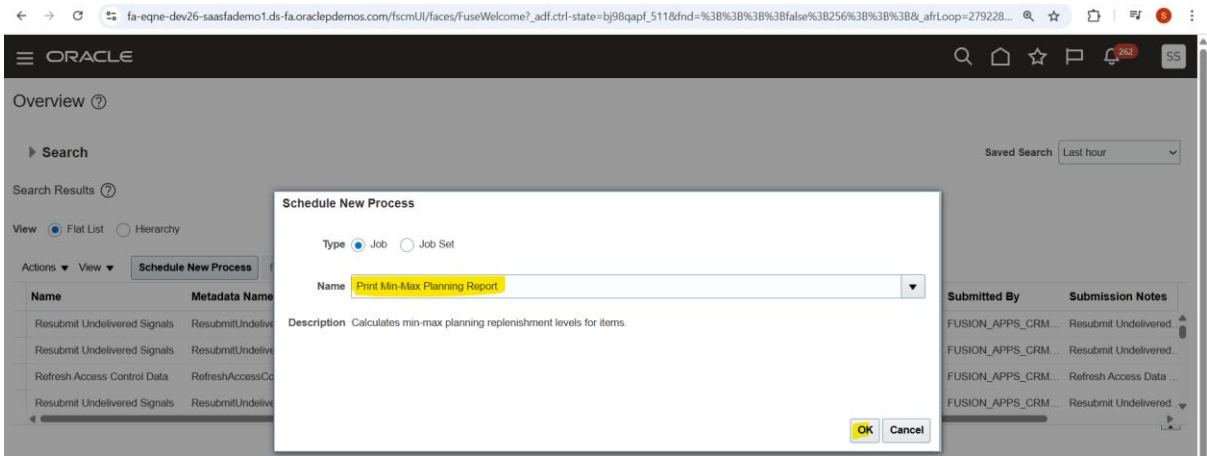
Select the Sub inventory and Click on +



Type: supplier

Click on Done

3. Run Min-Max Planning Report




[illegible]

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

Min-MaxPlanningReport_Redwood (5).pdf

1 / 2 - 100% +



Report Parameters	
Organization	Seattle
Planning Level	Subinventory
Item Selection	All min-max planned items
From Category	To Category
To Buyer	Min_max-PR
Sort By	Inventory item
Demand Cutoff Date	3/16/25
Supply Cutoff Date	3/16/25
Ship-to Location	Restock
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	Yes
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
Subinventory											
Minmax Sub											
Ea											
Min_max-PR/			100	10,000	0	0	0	0	1,000	8,000	
Min_max-PR											Ea 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

ORACLE

Requisitions ②

Shop by Category ▾

Search

Recent Requisitions

PR10156

Alliance Business Software

PR10155

Item description

PR10154

mango

PR10153

two stage

PR10152

Rsk

Activators & Appliers

amazon.business
The business you know.
For your business.

Amazon

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'. A '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

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'. The 'Parameters' section lists '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/ans/scm/dos/supplyRequestDecomposition/supplyRequestInterface/supplyInterfaceService/tvnes/">
```

We can able to see the Batch number in the attachment

MINMAX7677032

Oracle Supply Lines Overview

Manage Supply Request Exceptions (5) | Manage Configured Item Exceptions (1) | Create Supply Request | Manage Production Reports

Overview

- Manage Supply Lines
- Manage Supply Request Exceptions
- Manage Configured Item Exceptions
- View Configured Item Sales Structure
- Create Supply Request
- Manage Production Reports

Supply Orchestration Tools

- Manage Service Mappings
- Manage Algorithms

Current State

Errors | Exceptions | Jeopardy | On Track

No data to display.

Click on manage Supply lines

Oracle Manage Supply Lines

Search

Document Number | Supply Order Number | Supply Type | Supply Request Reference Number

Requested Delivery Date | Status | Item

Search Results

Message Type	Message	Supply Order Number	Line	Document Number	Supply Type	Movement Request	Request Source	Line Status
		300000276632536	2.1	PR10160	Buy	No	Oracle Fusion Inventory Management	Complete
		300000276632536	1.1	PR10160	Buy	No	Oracle Fusion Inventory Management	Complete

PR is Created

PR10160

Supply Order Details: 300000276632536

Request Source: Oracle Fusion Inventory Management | Status: Closed

Request Reference: MINMAX7677032 | Attachments: None

Request Date: 3/16/25 6:07 AM | Notes

Supply Lines

Line	Supply Type	Item	Item Category	Description	Requested Quantity	Fulfilled Quantity	UOM	Status	Supply Source	Supply Destination	Requested Delivery Date	Customer	Sales Order
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		

1.1: 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		2,000	Ea	Created

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:

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	Min_max-PR	2,000		Ea	Closed			4/1/25 11:59 PM		
1.1	Buy	Min_max-PR	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	Min_max-PR	8,000		Ea	Closed			4/1/25 11:59 PM		
2.1	Buy	Min_max-PR	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:
Supplier Item:
PO_Date:

Billing

Requisition created successfully through Min-Max Planning program