Oracle® Functional Testing Suite Advanced Pack for Oracle E-Business Suite – Discrete Manufacturing

Reference Guide

Release 12.2.8

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Oracle Functional Testing Suite Advanced Pack for Oracle E-Business Suite – Discrete Manufacturing Reference Guide, Release 12.2.8

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Note: Before sending us your comments, you might like to check that you have the latest version of the document and if any concerns are already addressed. To do this, access the new Oracle E-Business Suite Release Online Documentation CD available on My Oracle Support and www.oracle.com. It contains the most current Documentation Library plus all documents revised or released recently.

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Preface

Intended Audience

Welcome to Release 12.2.8 of the *Oracle Functional Testing Suite Advanced Pack for Oracle E-Business Suite – Discrete Manufacturing Reference Guide.*

This guide is meant for implementers and testers of Oracle E-Business Suite applications. The document can also be referenced by end users to get information about the test flows.

This guide assumes you have a working knowledge of the following:

- The principles and customary practices of your business area.

- Computer desktop application usage and terminology.

See Related Information Sources on page xii for more Oracle E-Business Suite product information.

Documentation Accessibility

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Structure

Related Information Sources

You can choose from many sources of information, including online documentation, training, and support services, to increase your knowledge and understanding of Oracle Application Testing Suite.

Online Documentation

All Oracle Application Testing Suite documentation is available online (HTML or PDF).

- **PDF** - See the Oracle E-Business Suite Documentation Library for current PDF documentation for your product with each release. The Oracle E-Business Suite Documentation Library is also available on My Oracle Support and is updated frequently

- **Release Notes** - For information about changes in this release, including new features, known issues, and other details, see the release notes for the relevant product, available on My Oracle Support.

Guides Related to This Product

Oracle E-Business Suite User's Guide

This guide explains how to navigate, enter and query data, and run concurrent requests using the user interface (UI) of Oracle E-Business Suite. It includes information on setting preferences and customizing the UI. In addition, this guide describes accessibility features and keyboard shortcuts for Oracle E-Business Suite.

Oracle Functional Testing Flow Builder Starter Pack Reference Guide for E-Business Suite Release 12.2

This guide describes each flow, thereby providing an insight about the purpose of the flow and the core setups required to execute the flow. These test flows are built using Oracle E-Business Suite of applications on Release 12.2 with a sample database, which is required to run these flows.

Oracle Functional Testing Flow Builder User's Guide

Oracle Flow Builder (OFB) is a keyword-driven testing application that business analysts and Quality Assurance engineers use to build business test automation flows. The test automation flows can be translated into executable OpenScript scripts. Technical QA engineers or IT users define or update components by making use of the keywords for Oracle E-Business Suite of applications. Functional QA engineers or business analysts then assemble the components together to define a business process, or "flow" and generate OpenScript scripts to automate testing of the application

Training and Support

Training

Oracle offers a complete set of training courses to help you master your product and reach full productivity quickly. These courses are organized into functional learning paths, so you take only those courses appropriate to your job or area of responsibility.

You have a choice of educational environments. You can attend courses offered by Oracle University at any of our many Education Centers, you can arrange for our trainers to teach at your facility, or you can use Oracle Learning Network (OLN), Oracle University's online education utility. In addition, Oracle training professionals can tailor standard courses or develop custom courses to meet your needs. For example, you may want to use your organization structure, terminology, and data as examples in a customized training session delivered at your own facility.

Support

From on-site support to central support, our team of experienced professionals provides the help and information you need to keep your product working for you. This team includes your Technical Representative, Account Manager, and Oracle's large staff of consultants and support specialists with expertise in your business area, managing an Oracle server, and your hardware and software environment.

Do Not Use Database Tools to Modify Oracle E-Business Suite Data

Oracle STRONGLY RECOMMENDS that you never use SQL*Plus, Oracle Data Browser, database triggers, or any other tool to modify Oracle E-Business Suite data unless otherwise instructed.

Oracle provides powerful tools you can use to create, store, change, retrieve, and maintain information in an Oracle database. But if you use Oracle tools such as SQL*Plus to modify Oracle E-Business Suite data, you risk destroying the integrity of your data and you lose the ability to audit changes to your data.

Because Oracle E-Business Suite tables are interrelated, any change you make using an Oracle E-Business Suite form can update many tables at once. But when you modify Oracle E-Business Suite data using anything other than Oracle E-Business Suite, you may change a row in one table without making corresponding changes in related tables. If your tables get out of synchronization with each other, you risk retrieving erroneous information and you risk unpredictable results throughout Oracle E-Business Suite.

When you use Oracle E-Business Suite to modify your data, Oracle E-Business Suite automatically checks that your changes are valid. Oracle E-Business Suite also keeps track of who changes information. If you enter information into database tables using database tools, you may store invalid information. You also lose the ability to track who has changed your information because SQL*Plus and other database tools do not keep a record of changes.

1

Introduction

This chapter covers the following topics:

- Overview
- Oracle Discrete Manufacturing Attributes

Overview

Oracle Discrete Manufacturing helps firms manage their production operations to achieve fulfillment excellence. Factories in all industries and of all sizes can benefit from improved information management during the entire production cycle, from research to design, to work in process through to cost and quality management. Flexible production can be achieved with mixed mode manufacturing, build-to-order (Engineer to Order (ETO) or Cost to Order (CTO)) and project-based and other complex manufacturing models.

The Oracle Functional Testing Suite Advanced Pack for Oracle E-Business Suite, referred to as advanced pack in this guide, provides components for testing features of different products delivered as part of the Oracle E-Business Suite Release 12.2. The components delivered in the advanced pack for the following Oracle Discrete Manufacturing products are documented cumulatively in this guide:

- Oracle Bills of Material

- Oracle Configure to Order

- Oracle Cost Management

- Oracle Discrete Manufacturing Execution Systems

- Oracle Engineering

- Oracle Flow Manufacturing

- Oracle Item Master

- Oracle Project Manufacturing

- Oracle Quality

- Oracle Shop Floor Management

- Oracle Work in Process

These flows are available over the Oracle Flow Builder Starter Pack in Release 12.4.0.2 of the Oracle Application Testing Suite for Oracle E-Business Suite.

For information about the components delivered in the Oracle Flow Builder Starter Pack, see the Oracle Functional Testing Flow Builder Starter Pack Reference Guide for E-Business Suite Release 12.2.

Oracle Discrete Manufacturing Attributes

This section provides information on the common prerequisites, profile options, and data setups required for executing the flows in Oracle Discrete Manufacturing products. Flow specific requirements are documented along with the flow in subsequent chapters.

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

Not applicable.

Setup Data

Not applicable.

2

Oracle Bills of Material Flows

This chapter covers the following topics:

- Oracle Bills of Material Overview
- Oracle Bills of Material Attributes
- Create Bills of Material, Substitute Component and Reference Designator
- Create and Copy Routing
- Delete Item, Component, Operation, Routing and Bill of Material

Oracle Bills of Material Overview

Oracle Bills of Material enables users to manage bills of material that store lists of items associated with a parent item and information on how each item is related to its parent.

Oracle Bills of Material Attributes

This section provides information on the common prerequisites, profile options, and data setups required for executing the Oracle Bills of Material flows. Flow specific requirements are documented along with the flow in the subsequent sections.

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Page Name	Field Name	Field Value
User	User Name	plmmgr
	Password	welcome
Responsibility	Responsibility Name	Manufacturing and Distribution Manager

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Organization	Organization	V1, M1
Organization Hierarchy	Organization Hierarchy	M1 is the child organization of V1

Create Bills of Material, Substitute Component and Reference Designator

This flow creates bill and adds substitute component and reference designator to it.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Create Bills of Material, Substitute Component and Reference Designator flow.

Technical Name

Create_BOM_With_Ref_Desig_Subst_Comp_And_Bill_Revision

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

Not.applicable.

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Master Items	Item	RT_Bill_header1
Master Items	Item	RT_Bill_COMP1
Master Items	Item	RT_Bill_COMP2
Master Items	Item	RT_Bill_COMP3

Create and Copy Routing

This flow creates resource, department, and items. It also creates standard operations for routing, alternative routing and common routing. A routing can be copied to another organization.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Create and Copy Routing flow.

Technical Name

Create_Item_Common_And_Copy_Routing_To_Another_Org

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Item template	Template	Finished Good

Setup Data

Not.applicable.

Delete Item, Component, Operation, Routing and Bill of Material

This flow tests item, component, operation, routing and bills of material deletion.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Delete Item, Component, Operation, Routing and Bill of Material flow.

Technical Name

Create_BOM_Routing_And_Delete_Group

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Item template	Template	Finished Good
Item template	Template	Purchased Item

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Departments	Department	RT_DEPT01

3

Oracle Configure to Order Flows

This chapter covers the following topics:

- Oracle Configure to Order Overview
- Oracle Configure to Order Attributes
- Execute Assembly to Order Activities for Flow Manufacturing
- Multi Level Assembly to Order Model Item Using Discrete Job
- Automatically Create Requisition with Buy Sourcing Rule
- Assembly to Order Basic Flow for Discrete Manufacturing

Oracle Configure to Order Overview

A Configure to Order environment is one where the product or service is assembled on receipt of the sales order. Oracle Applications supports the Configure to Order environment with a range of features in order entry, demand forecasting, master scheduling, production, shipping, and financial accounting.

Oracle Configure to Order Attributes

This section provides information on the common prerequisites, profile options, and data setups required for executing the Oracle Configure to Order flows. Flow specific requirements are documented along with the flow in the subsequent sections.

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Page Name	Field Name	Field Value
User	User Name	plmmgr
	Password	welcome
Responsibility	Responsibility Name	Manufacturing and Distribution Manager

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Organization	Organization	V1, M1
Organization Hierarchy	Organization Hierarchy	M1 is the child organization of V1

Execute Assembly to Order Activities for Flow Manufacturing

This flow creates and books sales order for flow assembly. It schedules a flow using the sales order, performs work-order-less completion for the flow, schedules picks, releases, and ships the sales order.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Execute Assembly to Order Activities for Flow Manufacturing flow.

Technical Name

ATO_Model_Item_In_Flow_Manufacturing

Prerequisites

None.

Profile Options

The following profile options must be set:

Profile Option Name	Profile Option Value
OM: Use Configurator	yes
BOM: Match to Existing Configurations	no

Predefined Data

Not.applicable.

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value	Comments
Organization	Organization Name	V1 – Master org	
Organization	Organization Name	M1 – Child org	
Item master	Item name	CHA_ATO_MODEL	Use item template: ATO Model
Item master	Item name	CHA_ATO_OPTION _CLASS1	Use item template: ATO Option class
Item master	Item name	CHA_ATO_OPTION _CLASS2	Use item template: ATO Option class
Item master	Item name	CHA_RAM1	Use item template: Purchasing item
Item master	Item name	CHA_RAM2	Use item template: Purchasing item

Window Name	Field Name	Field Value	Comments
Item master	Item name	CHA_HD_DRV1	Use item template: Purchasing item
Item master	Item name	CHA_HD_DRV2s	Use item template: Purchasing item
Sales order	Customer Number	1005	
Sales order	Order Type	Mixed	

Multi Level Assembly to Order Model Item Using Discrete Job

This flow creates and books sales order for multiple levels assembly to order model, displays the progress on the sales order, and creates a discrete job for the parent and child model items. The flow also picks up the items and ships the sales order.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Multi Level Assembly to Order Model Item Using Discrete Job flow.

Technical Name

Multilevel_ATO_Model_Single_Org_Flow

Prerequisites

None.

Profile Options

The following profile options must be set:

Profile Option Name	Profile Option Value
OM: Use Configurator	yes
BOM: Match to Existing Configurations	no

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
BOM parameters	Append with sequence	Yes
BOM parameters	Create Lower Level Supply	Auto Created Configuration Items and ATO Items

Setup Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Organization	Organization Name	M1 – Child org
Subinventories	Name	Stores
Sales order	Customer number	1001
Sales order	Order Type	Mixed
Item master	Item name	CN62441

Automatically Create Requisition with Buy Sourcing Rule

This flow creates sourcing rules and assigns the source rule to the item and organization. It then creates and books sales order for the assembly to order model item, displays the progress on the sales order, and verifies the requisition. After verifying the requisition, the flow creates a purchase order, and receives the PO and ships the sales order.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Automatically Create Requisition with Buy Sourcing Rule flow.

Technical Name

ATO_Flow_With_Buy_From_Sourcing_Rule

Prerequisites

None.

Profile Options

The following profile option must be set:

Profile Option Name	Profile Option Value
OM: Use Configurator	no

Predefined Data

Not applicable.

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Organization	Organization Name	V1 - Master org
Organization	Organization Name	S1 - Child org
Master Item	Item	CN92777
		Use item template: ATO model
Subinventories	Name	FGI
Sales order	Customer number	1001
Sales order	Order Type	Mixed
Suppliers	Supplier name	Bigmart

Assembly to Order Basic Flow for Discrete Manufacturing

This flow creates and books a sales order with configuration model, and displays progress on the sales order to create a discrete job. Finally, it moves and completes the job, and picks, releases and ships the order.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Assembly to Order Basic Flow for Discrete Manufacturing flow.

Technical Name

ATO_Basic_Flow

Prerequisites

None.

Profile Options

The following profile option must be set:

Profile Option Name	Profile Option Value
OM: Use Configurator	yes
BOM: Match to Existing Configurations	no
CZ: Generic Configurator UI Type	HTML Hierarchical Table

Predefined Data

Not applicable.

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Organization	Organization Name	V1 - Master org

Window Name	Field Name	Field Value
Organization	Organization Name	M1 - Child org
Item master	Item code	CN97444
		Use item template: ATO model
Sales order	Customer number	1001
Sales order	Order Type	Mixed

4

Oracle Cost Management Flows

This chapter covers the following topics:

- Oracle Cost Management Overview
- Oracle Cost Management Attributes
- Global Procurement Purchase Process between Operating Units
- Purchase Order Receipt and Invoice - Outside Processing (OSP) Item with Shop Floor Destination
- Purchase Order Receipt – Landed Cost Management (LCM) Enabled Organization
- Purchase Order Receipt and Invoice with Price Variance - Asset and Expense Item - Average Costing Organization
- Purchase Order Receipt and Invoice - Encumbrance Enabled - FIFO Costing Organization
- Standard Discrete Job - Lot Based Material - Yield - Phantom-Standard Costing Organization
- Sales Order Shipment – Pick to Order (PTO Model) - Standard Costing Organization
- Internal Drops Shipment Flow between Operating Units
- External Drop Shipment Flow between Operating Units
- Internal Sales Order Flow - FOB Receipt- PAC Organization

Oracle Cost Management Overview

Oracle Cost Management is a comprehensive solution that helps organizations project costs and perform cost accounting for supply chain transactions. These activities serve as a key component for complying with regulatory reporting and accounting requirements, streamlining the use of working capital in organizations, and improving profitability for businesses.

Oracle Cost Management Attributes

This section provides information on the common prerequisites, profile options, and data setups required for executing the Oracle Cost Management flows. Flow specific requirements are documented along with the flow in the subsequent sections.

Prerequisites

The following is a prerequisite for executing the Oracle Cost Management flows:

- The following accounting periods are open:

    1. Inventory

    2. General Ledger

    3. Payables

    4. Purchase Order

    5. Receivables

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Page Name	Field Name	Field Value
Responsibility	Responsibility Name	Manufacturing and Distribution Manager
GL - Accounting Setup Manager -Ledger	Ledger Name	Vision Operations
GL - Accounting Setup Manager -Ledger	Ledger Name	Singapore Distribution Center
Item Costs	Cost Element	Material

Page Name	Field Name	Field Value
Item Template	Template	Purchased Item
Item Template	Template	Finished Good
Sub-Inventory	Sub-Inventory Code	Store

Setup Data

Not applicable.

Global Procurement Purchase Process between Operating Units

A global procurement (centralized) purchase process is one where one operating unit purchases the material on behalf of another operating unit.

The Global Procurement Purchase Process between Operating Units flow creates on-hand stock through global procurement purchase order receipts and verifies its distribution.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Global Procurement Purchase Process between Operating Units flow.

Technical Name

PO_Global_Procurement_Asset_Item_Asset_SubInv

Prerequisites

The following are the prerequisites for executing this flow:

- Organizations are Standard and Average costing organizations

- There are at least two operating units

- Sub-inventory is Asset Subinventory

- There are daily currency conversion rates

- The tax setup is disabled

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Organization Parameters	Costing Method	Standard and Average

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Organization	Operating Unit	Vision Operations
Organization	Organization	AVG - Average Costing Organization (Average costing enabled org
Organization	Operating Unit	Singapore Distribution Center
Organization	Organization	SNG – Singapore Distribution Center (Standard costing enabled org)
Master Items	Template	Purchased Item Template
Supplier	Supplier Name	Office Supplies, Inc.

Window Name	Field Name	Field Value
Intercompany Transaction Flow	• Start Operating Unit	• Vision Operations
	• End Operating Unit	• Singapore Distribution Center
	• Type	• Procuring
	• Ship Form/To Organization	• SNG
	• Nodes Tab – From Organization	• AVG
	• Advanced Pricing	• Yes
	• Item Pricing Option – Asset	• PO

Purchase Order Receipt and Invoice - Outside Processing (OSP) Item with Shop Floor Destination

This flow performs the following:

• Creates a bill of material (BOM) and routing with outside processing (OSP) operation

• Releases a standard discrete job

• Raises a purchase order for the OSP operation

• Moves transactions and issues the material

• Completes and closes the job

• Verifies distributions for all transactions in a standard costing organization

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Purchase Order Receipt and Invoice – Outside Processing (OSP) Item with Shop Floor Destination flow.

Technical Name

PO_OSP_Item_Shopfloor_Destination_STD_CST_ORG

Prerequisites

The following are the prerequisites for executing this flow:

- Organization is an Average Costing enabled organization

- Subinventory is Asset Subinventory

- The tax setup is disabled

- Moves transactions and issues the material

- Completes and closes the job

- Verifies distributions for all transactions in a standard costing organization

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Organization Parameters	Costing Method	Standard

Setup Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Organization	Organization	M1- Seattle Manufacturing (Standard Costing Enabled org.)
Master Items	Components	Template - Purchased Item

Window Name	Field Name	Field Value
Master Items	Assembly	Template - Finished good
Master Items	Outside Processing Item (OSP)	Template - Outside Processing
Supplier	Supplier Name	Office Supplies, Inc.
	Site	NEW YORK

Purchase Order Receipt – Landed Cost Management (LCM) Enabled Organization

This flow creates on-hand stock through purchase order receipts, and verifies the distributions in an LCM-enabled, Average Costing organization.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Purchase Order Receipt – Landed Cost Management (LCM) Enabled Organization flow.

Technical Name

Purchase_Order_Receipt_LCM_Average_Costing_ORG

Prerequisites

The following are the prerequisites for executing this flow:

• Organization is an Average Costing enabled organization

• Subinventory is Asset Subinventory

• The tax setup is disabled

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Organization Parameters	Costing Method	Average

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Organization	Organization	Average Costing with LCM Enabled – <Organization Name>
Master Item	Template	Template - Purchased Item
Supplier	Supplier Name	Office Supplies, Inc.
	Site	NEW YORK
Landed Cost Management	Shipment Type	ST-01
Landed Cost Management	Charges Lines Tab – Type	Insurance

Purchase Order Receipt and Invoice with Price Variance - Asset and Expense Item - Average Costing Organization

This flow creates on-hand stock through purchase order receipts and accounting of purchase invoice with quantity and value difference. It also verifies the distributions in an average costing organization.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Purchase Order Receipt and Invoice with Price Variance - Asset and Expense Item - Average Costing Organization flow.

Technical Name

PO_Receipt_IPV_Invoice_Average_Costing_ORG

Prerequisites

The following are the prerequisites for executing this flow:

- Organization is an Average Costing enabled organization

- Subinventory is Asset Subinventory

- The tax setup is disabled

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Organization Parameters	Costing Method	Average
Purchase Order	Type	Standard Purchase Order

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Organization	Organization	AVG – Average Organization (Average Costing enabled organization)
Master Item	Template	Template - Purchased Item
Supplier	Supplier Name	Office Supplies, Inc.
	Site	NEW YORK

Purchase Order Receipt and Invoice - Encumbrance Enabled - FIFO Costing Organization

This flow creates on-hand stock through purchase order receipts, accounts for purchase invoices, and verifies the distribution in an encumbrance enabled, standard costing organization. The primary purpose of the encumbrance is to avoid overspending on a budget.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Purchase Order Receipt and Invoice - Encumbrance Enabled - FIFO Costing Organization flow.

Technical Name

PO_Receipt_Invoice_Asset_Item_Encumbrance_FIFO_CST_ORG

Prerequisites

The following are the prerequisites for executing this flow:

- Organization is an Average Costing enabled organization

- Subinventory is Asset Subinventory

- The budget amounts are defined

- The tax setup is disabled

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Organization Parameters	Costing Method	FIFOFO
Purchase Order	Type	Standard Purchase Order

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Organization	Operating Unit	Vision ENC
Organization	Organization	EN4
Master Items	Template	Template - Purchased Item
Financials Options, Encumbrance Tab	• User Requisition Encumbrance	• Yes
	• Reserve at Completion	• Yes
	• Use PO Encumbrance	• Yes
Supplier	Supplier Name	Office Supplies, Inc.
	Site	NEW YORK
Define Budget	Budget	ENC Budget

Standard Discrete Job - Lot Based Material - Yield - Phantom-Standard Costing Organization

This flow performs the following activities:

• Creates on-hand stock for the components through purchase order receipts

• Creates bills with phantom items, lot based item, and yield quantity

• Releases and moves the standard discrete job

• Issues material and completes the work in process

• Closes the job

• Verifies distributions for all transactions in a Standard Costing organization

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Standard Discrete Job - Lot Based Material - Yield - Phantom-Standard Costing Organization flow.

Technical Name

WIP_Flow_LBM_Yield_Phantom_STD_CST_ORG

Prerequisites

The following are the prerequisites for executing this flow:

- Organization is a Standard Costing enabled organization

- Subinventory is Asset Subinventory

- The discrete job type is Standard

- There are at least three components and one assembly

- There are at least three resources and departments

- Bills with the Basis as LOT and Yield as percent are created

- The tax setup is disabled

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Purchase Order	Type	Standard Purchase Order

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Organization	Organization	M1 – Seattle Manufacturing (Standard Costing Enabled org.)
Master Items	Components	Template - Purchased Item
Master Items	Assembly	Template - Finished Good
Supplier	Supplier Name	Office Supplies, Inc.
	Site	NEW YORK
WIP Accounting Classes	Define Ledger Accounts	Discrete

Sales Order Shipment – Pick to Order (PTO Model) - Standard Costing Organization

This flow books a sales order and ships the material to a customer, with a pick to order (PTO) item in a standard costing enabled organization. This flow also verifies distribution for all transactions.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Sales Order Shipment – Pick to Order (PTO Model) – Standard Costing Organization flow.

Technical Name

Sales_Shipment_RMA_PTO_Model_STD_Costing_ORG

Prerequisites

The following are the prerequisites for executing this flow:

• Organization is a Standard Costing enabled organization

• Subinventory is Asset Subinventory

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Organization Parameters	Costing Method	Standard
Purchase Order	Type	Standard Purchase Order

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Organization	Organization	M1 – Seattle Manufacturing (Standard Costing Enabled org)
Master Items	Model Item	Template - PTO Model
Master Items	Optional Item	Template - PTO Option Class
Master Items	Inclusive Item	Template - Purchased Item

Internal Drops Shipment Flow between Operating Units

Internal drop shipment is an order fulfillment method where the order taking organization does not maintain its own inventory, but the goods are directly delivered through the stocking operating unit to the customer.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Internal Drops Shipment Flow between Operating Units flow.

Technical Name

SO_RMA_Internal_Dropship_To_Customer_Across_ORGS

Prerequisites

The following are the prerequisites for executing this flow:

- Organizations are Average and Standard Costing organizations

- Subinventory is Asset Subinventory

- The Inter-company Transaction Flow is set up

- The daily exchange rate is defined

- The price list is defined

Profile Options

The following profile option must be set:

Profile Option Name	Profile Option Value
INV:Advanced Pricing for Intercompany	No

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Item Template	Template	Finished Good
Enter Price List	Price List Name	Corporate
Workflow	Concurrent Request	Workflow process
Auto Invoice	Concurrent Request	Auto Invoice Master Program
Revenue Recognition	Concurrent Request	Revenue Recognition Master Program

Window Name	Field Name	Field Value
COGS Recognition	Concurrent Requests	Execute the following concurrent requests: • Record Order Management Transactions • Collect Revenue Recognition Information • Generate COGS Recognition Events
Intercompany AR Invoice	Concurrent Requests	Execute the following concurrent requests: • Workflow process • Create Intercompany AR Invoice • Auto Invoice Master program
Intercompany AP Invoice	Concurrent Requests	Execute the following concurrent requests: • Workflow process • Create Intercompany AP Invoice • Auto Invoice Master program

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Organization	Operating Unit	Vision Operations
Organization	Organization	AVG – Average Organization (Average Costing enabled organization)
Organization	Operating Unit	Singapore Distribution Center
Organization	Organization	SNG – Singapore Distribution Center (Standard Costing enabled Organization)
Master Items	Assembly	Template – Finished Good
Purchase Order	Type	Standard Purchase Order
Supplier	Supplier Name	Office Supplies, Inc.
	Site	NEW YORK
Customer	Customer Name	Computer Service and Rentals (to create a sales order).
Unit of Measure	Code	EA
Intercompany Transaction Flow	• Start Operating Unit • End Operating Unit • Type • Ship Form/To Organization • Nodes Tab – To Organization • Advanced Pricing	• Singapore Distribution Center • Vision Operations • Shipping • SNG • AVG • Yes

External Drop Shipment Flow between Operating Units

The external drop shipment is an order fulfillment method where the order taking organization does not maintain its own inventory, but fulfills the order through a third party vendor who directly ships to the end customer and verifies distributions for all transactions.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the External Drop Shipment Flow between Operating Units flow.

Technical Name

SO_RMA_External_Dropship_To_Customer_Across_ORGS

Prerequisites

The following are the prerequisites for executing this flow:

- Organizations are Average and Standard Costing organizations

- Subinventory is Asset Subinventory

- The Inter-company Transaction Flow is set up

- The daily exchange rate is defined

- The price list is defined

Profile Options

The following profile option must be set:

Profile Option Name	Profile Option Value
INV:Advanced Pricing for Intercompany	No

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Item Template	Template	Finished Good
Enter Price List	Price List Name	Corporate
Workflow	Concurrent Request	Workflow process
Auto Invoice	Concurrent Request	Auto Invoice Master Program
Revenue Recognition	Concurrent Request	Revenue Recognition Master Program
COGS Recognition	Concurrent Requests	Execute the following concurrent requests: • Record Order Management Transactions • Collect Revenue Recognition Information • Generate COGS Recognition Events
Intercompany AR Invoice	Concurrent Requests	Execute the following concurrent requests: • Workflow process • Create Intercompany AR Invoice • Auto Invoice Master program

Window Name	Field Name	Field Value
Intercompany AP Invoice	Concurrent Requests	Execute the following concurrent requests: • Workflow process • Create Intercompany AP Invoice • Auto Invoice Master program

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Organization	Operating Unit	Vision Operations
Organization	Organization	AVG – Average Organization (Average Costing enabled organization)
Organization	Operating Unit	Singapore Distribution Center
Organization	Organization	SNG – Singapore Distribution Center (Standard Costing enabled Organization)
Master Items	Assembly	Template – Finished Good
Purchase Order	Type	Standard Purchase Order
Supplier	Supplier Name	Office Supplies, Inc.
	Site	NEW YORK
Customer	Customer Name	Computer Service and Rentals (to create a sales order).

Window Name	Field Name	Field Value
Unit of Measure	Code	EA
Intercompany Transaction Flow	• Start Operating Unit • End Operating Unit • Type • Ship Form/To Organization • Nodes Tab – To Organization • Advanced Pricing	• Singapore Distribution Center • Vision Operations • Shipping • SNG • AVG • Yes

Internal Sales Order Flow - FOB Receipt- PAC Organization

This flow transfers materials from an Average inventory organization to a Standard Costing organization through an internal sales order, and verifies distribution for all transactions. The inventory organization is a different operating unit and the shipping network is FOB-Receipt.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Internal Sales Order Flow - FOB Receipt- PAC Organization flow.

Technical Name

ISO_FOB_Receipt_PAC

Prerequisites

The following are the prerequisites for executing this flow:

• Organizations are Average and Standard Costing organizations

• Subinventory is Asset Subinventory

• A shipping network exists between the two organizations

- The daily exchange rate is defined

- The price list is defined

- The periodic accounting period is open

Profile Options

The following profile option must be set:

Profile Option Name	Profile Option Value
INV:Advanced Pricing for Intercompany Invoice	No
CST: Transfer Pricing Option	Yes, Price As Incoming Cost
INV:Intercompany Invoice for Internal Orders	Yes

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Item Template	Template	Finished Good
Enter Price List	Price List Name	Corporate

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Organization	Organization	M1- Seattle Manufacturing (Standard Costing enabled org)

Window Name	Field Name	Field Value
Organization	Organization	M1 - Child orgAVG – Average Organization (Average Costing enabled org)
Master Items	Assembly	Template - Purchased Item
Purchase Order	Type	Standard Purchase Order
Supplier	Supplier Name	Office Supplies, Inc.
	Site	NEW YORK
Unit of Measure	Code	EA
Cost Type	Code	CG

5

Oracle Discrete Manufacturing Execution Systems Flows

This chapter covers the following topics:

- Oracle Discrete Manufacturing Execution Systems Overview
- Oracle Discrete Manufacturing Execution Systems Attributes
- Component Shortage and Exception Resolution for Manufacturing Execution Systems - Material Issue and Assembly Transactions
- Job Operations Action in Manufacturing Execution Systems Workstation
- Plain Assembly Transactions with Pull Components
- Outside Processing Job Transactions in Manufacturing Execution Systems
- Operator Skill Check Parameter Validation
- Operator Skill Check for a Plain Assembly Transaction
- Operator Skill Check for a Serialized Assembly Transaction
- Operator Skill Check Validation in Express Move for a Plain Assembly Transaction
- Operator Skill Check Validation for Reject, Scrap, and Return Assembly Transactions
- Serial Transactions from Dispatch List Page
- Serial Transactions from Search Job Page
- Exception Handling in Manufacturing Execution Systems for Plain Assembly
- Exception Handling in Manufacturing Execution Systems for Serialized Assembly
- Report My Time for Job Operation by Manufacturing Execution Systems Operator
- Operator Actual Time Recording by Clock In and Clock Out
- Closed Work Order Dekitting

Oracle Discrete Manufacturing Execution Systems Overview

Oracle Manufacturing Execution System for Discrete Manufacturing (MES for Discrete) provides "enhanced" shop floor execution capabilities to enable discrete manufacturers to deploy directly as the Manufacturing Execution System (MES) on their shop floor. Focusing on improving the productivity of the shop floor operator and supervisor, MES for Discrete Manufacturing provides rich, out of the box capabilities to perform their daily tasks. The product enables shop floor operators and supervisors to perform, record, and monitor shop floor activities in a highly efficient and effective manner in addition to providing key performance and status indicators for the shop floor. Most importantly, the MES for Discrete Manufacturing application facilitates the removal of non value-added activities on the shop floor and helps maximize shop floor productivity.

Oracle Discrete Manufacturing Execution Systems Attributes

This section provides information on the common prerequisites, profile options, and data setups required for executing the Oracle Discrete Manufacturing Execution Systems flows. Flow specific requirements are documented along with the flow in the subsequent sections.

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

Not applicable.

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
User	User name	MFG

Window Name	Field Name	Field Value
User	Password	welcome
Organization	Org	M1
WIP Parameters	Intra operation tab – Queue, Run, To Move	(Select the check box)
WIP Parameters	Default Serialization start date	(Select the check box)

Page Name	Field Name	Field Value
User	User name	MFG
User	Password	welcome
Manufacturing Execution System Parameters	Departmental Access	All (To be set at all entities)
Manufacturing Execution System Parameters	Allow Moves From Prior Operations	Yes
Manufacturing Execution System Parameters	Default Intra Op Step	Queue
Manufacturing Execution System Parameters	Enforce Sequential Move	Yes
Manufacturing Execution System Parameters	Express Move and Complete at Last Operation	No
Manufacturing Execution System Parameters	Global Actions	(Include all elements in the Choice list at Departmental level)
Manufacturing Execution System Parameters	Job Operation Actions	(Include all elements in the Choice list at Departmental level)

Page Name	Field Name	Field Value
Manufacturing Execution System Parameters	Require Badge Number for Move Transaction	Yes
Manufacturing Execution System Parameters	Search Job/Serial Operation Actions	(Include all elements in the Choice list at Departmental level)
Manufacturing Execution System Parameters	Single User Mode	No
Manufacturing Execution System Parameters	Combine Job On and Clock In Buttons	Yes (This is set to perform 'Job on and Clock in' validations)

Component Shortage and Exception Resolution for Manufacturing Execution Systems - Material Issue and Assembly Transactions

This flow creates assembly item and component item, resources, department and associate resources. It also creates routing and bill of materials, defines MES administrator setups and creates a discrete job.

The flow calculates the component shortage, reports component exception, and creates a miscellaneous receipt for the shortage component. The flow also resolves component exceptions, if any, and issues component to the job.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Component Shortage and Exception Resolution for Manufacturing Execution Systems - Material Issue and Assembly Transactions flow.

Technical Name

End_To_End_Flow_On_Component_Shortage_And_Exception_Resolving

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
WIP Parameters	Class	Discrete
Department Class	Class	Production
Discrete Job	Sub inventory	FGI

Setup Data

Not applicable.

Job Operations Action in Manufacturing Execution Systems Workstation

This flow creates assembly item and component item, resources, departments and associate resource. It also creates routing and bill of materials, defines MES administrator setup, and creates a discrete job. Finally it validates the job operation action choice list values as per setup.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Job Operations Action in Manufacturing Execution Systems Workstation flow.

Technical Name

Job_Operations_Actions_In_Manual_Workstation

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
WIP Parameters	Class	Discrete
Department Class	Class	Production

Setup Data

Not.applicable.

Plain Assembly Transactions with Pull Components

This flow creates plain assembly and serialized component items, resources, department and associate resources, and routing and bill of materials with supply type Operation Pull. It also defines MES administrator setups, creates a discrete job and completes it. Finally, it validates the job status in forms.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Plain Assembly Transactions with Pull Components flow.

Technical Name

Plain_Assembly_Transactions_With_Pull_Components

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
WIP Parameters	Class	Discrete
Department Class	Class	Production
Discrete Job	Sub inventory	FGI
Discrete Job	Supply Sub inventory	Stores

Setup Data

Not applicable.

Outside Processing Job Transactions in Manufacturing Execution Systems

This flow performs the following in the listed sequence:

1. Creates plain assembly (OSP) and serialized component items, normal resources and outside processing resources, department, and associate resources.

2. Creates routing and bill of materials.

3. Defines OSP parameters and MES administrator setups.

4. Creates a discrete job, moves the transaction, finds purchase requisition, and automatically creates a PO, WIP issue and completes the job.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Outside Processing Job Transactions in Manufacturing Execution Systems flow.

Technical Name

OSP_Job_Operation

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
WIP Parameters	Class	Discrete
Department Class	Class	Production
Discrete Job	Sub inventory	FGI
Discrete Job	Supply Sub inventory	Stores

Setup Data

Not applicable.

Operator Skill Check Parameter Validation

This flow creates employee and assigns it to a resource and links both employee and user. It also creates plain assembly and component items, resources, department and associates them. It creates routing and bill of materials, enables MES administrator setups related to Clock In and Move. A discrete job is created and Clock In and Move transactions are validated. It then disables MES administrator setups related to Clock In and Move and again validates Clock In and Move transaction.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Operator Skill Check Parameter Validation flow.

Technical Name

Operator_Skill_Parameter_Setup_Validation

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
WIP Parameters	Class	Discrete
Department Class	Class	Production
Discrete Job	Sub inventory	FGI
Discrete Job	Supply Sub inventory	Stores

Setup Data

Not applicable.

Operator Skill Check for a Plain Assembly Transaction

This flow creates and links both employee and user, and creates plain assembly and component items, resources, department and an associate resource. It also creates routing and bill of materials. A discrete job is created and Clock In and Move assembly for multiple operations with different badge numbers are validated

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Operator Skill Check for a Plain Assembly Transaction flow.

Technical Name

OS_Setup_In_MES_WIP_And_Basic_Flow_For_Plain_Item

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
WIP Parameters	Class	Discrete
Department Class	Class	Production
Discrete Job	Sub inventory	FGI
Discrete Job	Supply Sub inventory	Stores

Setup Data

Not applicable.

Operator Skill Check for a Serialized Assembly Transaction

This flow creates and links both employee and user, and creates serialized assembly and component items, resources, departments, and an associate resource. It also creates routing and bill of materials. It then creates a discrete job and validates it using 'Clock In and Move' assembly for multiple operations with different badge numbers.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Operator Skill Check for a Serialized Assembly Transaction flow.

Technical Name

OS_Setup_In_WIP_And_Basic_Flow_For_Serial_Item

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
WIP Parameters	Class	Discrete
Department Class	Class	Production
Discrete Job	Sub inventory	FGI
Discrete Job	Supply Sub inventory	Stores

Setup Data

Not applicable.

Operator Skill Check Validation in Express Move for a Plain Assembly Transaction

This flow creates and links both employee and user, and creates plain assembly and component items, resources, a department and an associate resource. It also creates routing and bill of materials. It then creates a discrete job, and validates using Move and Express Move for different job operations.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Operator Skill Check Validation in Express Move for a Plain Assembly Transaction flow.

Technical Name

OS_Without_Clockin_Express_Move_Validation_Plain_Item

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
WIP Parameters	Class	Discrete
Department Class	Class	Production
Discrete Job	Sub inventory	FGI
Discrete Job	Supply Sub inventory	Stores

Setup Data

Not applicable

Operator Skill Check Validation for Reject, Scrap, and Return Assembly Transactions

This flow creates and links both employee and user, and creates plain assembly and component items, resources, departments, and an associate resource. It also creates routing and bill of materials and a discrete job. It then validates the move assembly and rejects the assembly, scraps the assembly and returns the assembly transactions.

Attributes

This section provides information on prerequisites, profile options, and data setups

required to execute the Operator Skill Check Validation for Reject, Scrap, and Return Assembly Transactions flow.

Technical Name

OS_Validation_For_Scrap_Reject_Return_And_Move_Assembly

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
WIP Parameters	Class	Discrete
Department Class	Class	Production
Discrete Job	Sub inventory	FGI
Discrete Job	Supply Sub inventory	Stores

Setup Data

Not applicable.

Serial Transactions from Dispatch List Page

This flow creates serialized assembly and plain component items, resources, a department and an associate resource, routing and bill of materials. It defines the MES administrator setups for the Job Selection Mode as Dispatch List. It creates a discrete job and associates serial number to it. It moves transactions, rejects and returns the assembly serial from Reject status to the specified intra operation step, scraps and returns the assembly serial from Scrap status, and performs assembly completion and return assembly operations.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Serial Transactions from Dispatch List Page flow.

Technical Name

Serial_Transaction_From_Search_Serial_Number_Page

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
WIP Parameters	Class	Discrete
Department Class	Class	Production
Discrete Job	Sub inventory	FGI
Discrete Job	Supply Sub inventory	Stores

Setup Data

Not applicable.

Serial Transactions from Search Job Page

This flow creates serialized assembly and plain component items, resources, departments and associate resource, routing, and bill of materials. It defines the MES administrator setups for the Job Selection Mode as Job or Sales Order, creates a discrete job and associates a serial number to it. It moves transactions, rejects and returns the assembly serial from Reject status to the specified intra operation step, scraps and

returns the assembly serial from Scrap status, and performs assembly completion and return assembly operations.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Serial Transactions from Search Job Page flow.

Technical Name

Serial_Transactions_From_Search_Job_Operation

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
WIP Parameters	Class	Discrete
Department Class	Class	Production
Discrete Job	Sub inventory	FGI
Discrete Job	Supply Sub inventory	Stores

Setup Data

Not applicable.

Exception Handling in Manufacturing Execution Systems for Plain Assembly

This flow creates plain assembly and component items, resources, departments, and

associate resources. It also creates routing and bill of materials, defines MES administrator setups, creates a discrete job, and reports multiple exceptions. The multiple exceptions can be updated, resolved, and closed.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Exception Handling in Manufacturing Execution Systems for Plain Assembly flow.

Technical Name

Report_Multiple_Exceptions_Using_Supervisor_For_Plain_Assy

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
WIP Parameters	Class	Discrete
Department Class	Class	Production
Discrete Job	Sub inventory	FGI
Discrete Job	Supply Sub inventory	Stores

Setup Data

Not applicable.

Exception Handling in Manufacturing Execution Systems for Serialized Assembly

This flow creates serialized assembly and plain component items, resources, departments, and associate resources. It creates routing and bill of materials, defines MES administrator setups, and creates a discrete job. It moves the assembly serial to the start operation. The flow also reports, views, updates, resolves and closes multiple exceptions.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Exception Handling in Manufacturing Execution Systems for Serialized Assembly flow.

Technical Name

Report_Multiple_Exceptions_Using_Supervisor_For_Serial_Assy

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
WIP Parameters	Class	Discrete
Department Class	Class	Production
Discrete Job	Sub inventory	FGI
Discrete Job	Supply Sub inventory	Stores

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Departments	Department	RT_DEPT01

Report My Time for Job Operation by Manufacturing Execution Systems Operator

This flow creates and links an employee and a user, and creates plain assembly and component items. It also creates resources, departments and associate resources, routing, and bill of materials. The flow defines MES administrator setups, creates a discrete job, and reports time for the logged in user.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Report My Time for Job Operation by Manufacturing Execution Systems Operator flow.

Technical Name

Operator_Report_My_Time

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard

Window Name	Field Name	Field Value
WIP Parameters	Class	Discrete
Department Class	Class	Production
Discrete Job	Sub inventory	FGI
Discrete Job	Supply Sub inventory	Stores

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Departments	Department	RT_DEPT01

Operator Actual Time Recording by Clock In and Clock Out

This flow creates and links an employee and a user, and creates plain assembly and component items. It also creates resources, departments and associate resources, routing, and bill of materials. The flow defines MES administrator setups, creates a discrete job, and clocks in and moves the assembly to the next operation.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Operator Actual Time Recording by Clock In and Clock Out flow.

Technical Name

Operator_Actual_Time_Recording

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
WIP Parameters	Class	Discrete
Department Class	Class	Production
Discrete Job	Sub inventory	FGI
Discrete Job	Supply Sub inventory	Stores

Setup Data

Not applicable.

Closed Work Order Dekitting

This flow creates Serialized Assembly item, Components Items, Sub Inventory, Departments and associated Resources. It also creates associated Routing and Bills of Materials with different supply types, defines MES administrator setups for Dekitting and creates discrete jobs (both Standard and Non-Standard).

The flow performs serial number generation for serial-controlled items, increases on hand quantities of components using Miscellaneous Receipt and performs dekitting of the serial and lot controlled components for a closed Work Order.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Closed Work Order Dekitting.

Technical Name

Work_Order_Dekitting

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
Discrete Job	Type	Non Standard
WIP Parameters	Class	Discrete
Department Class	Class	Production
Items	Copy From Item Template	@Finished Goods
Items	Copy From Item Template	@Purchased Item
Organization	Organization Name	M1 – Child org
Sub Inventory	Sub Inventory Name	Stores

Setup Data

Not applicable.

6

Oracle Engineering Flows

This chapter covers the following topics:

- Oracle Engineering Overview
- Oracle Engineering Attributes
- Change Bills of Material and Routing through Engineering Change Order
- Mass Change of Bills of Materials through Engineering Change Order
- Transfer and Copy Items, Bills of Materials and Routings from Engineering to Production
- Create Engineering Change Order with Approval Process

Oracle Engineering Overview

Oracle Engineering enables users to control new item revisions and bill of material changes. Its prototype also enables an organization move toward concurrent engineering by integrating engineering prototype data with manufacturing data.

Oracle Engineering Attributes

This section provides information on the common prerequisites, profile options, and data setups required for executing the Oracle Engineering flows. Flow specific requirements are documented along with the flow in the subsequent sections.

Prerequisites

None.

Profile Options

The following profile option must be set:

Profile Option Name	Profile Option Value
EDR: E-records and E-signatures	Yes

Predefined Data

The following predefined data must be used:

Page Name	Field Name	Field Value
User	User Name	plmmgr
	Password	welcome
Responsibility	Responsibility Name	Manufacturing and Distribution Manager

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Organization	Organization	V1
Organization Hierarchy	Organization Hierarchy	M1

Change Bills of Material and Routing through Engineering Change Order

This flow creates item, bill, routing, and engineering change order to modify the bill and routing. This flow also implements the engineering change order and verifies the modification.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Change Bills of Material and Routing through Engineering Change Order flow.

Technical Name

BOM_And_Routing_Change_Via_ECO

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value	Comments
Item Template	Template	Purchased	Purchased item attributes must be enabled
Engineering Bills Of Materials	Basis	Item	
Engineering Bills Of Materials	Supply Type	Push	
Engineering Routings	Department	dept1	
Engineering Routings	Department	dept2	
Engineering Change Orders	Type	Prod Chg	
Revised Operations	Dept Code	API_Dep1	For adding operation
Revised Operations	Dept Code	dept1	For deleting operation
Revised Operations	Dept Code	dept2	For changing operation attributes

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value	Comments
Engineering Master Items	Item	ECOItem01	
Engineering Master Items	Item	ECOItem02	
Engineering Master Items	Item	ECOItem03	
Engineering Master Items	Item	ECOItem04	
Engineering Bills Of Materials	Item	ECOItem01	
Engineering Bills Of Materials	Component	ECOItem02	
Engineering Bills Of Materials	Component	ECOItem03	
Engineering Routings	Item	ECOItem01	
Engineering Change Orders	ECO	RTECO1	
Revised Items	Item	ECOItem01	
Revised Operations	Component	ECOItem04	For adding components
Revised Operations	Component	ECOItem02	For deleting components
Revised Operations	Component	ECOItem03	For changing components attributes

Mass Change of Bills of Materials through Engineering Change Order

This flow performs a mass modification in the bills of materials and generates an engineering change order. The mass modification is verified after the change order is implemented.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Mass Change of Bills of Materials through Engineering Change Order flow.

Technical Name

Create_Mass_Change

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value	Comments
Item Template	Template	Purchased	Purchased item attributes must be enabled
Engineering Bills Of Materials	Basis	Item	
Engineering Bills Of Materials	Supply Type	Push	
Mass Change Bills	Type	ADCO	
Engineering Change Orders	Type	ADCO	

Window Name	Field Name	Field Value	Comments
Component Changes	Action	Add	
Component Changes	Action	Disable	
Component Changes	Action	Change	

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value	Comments
Engineering Master Items - Main	Item	MSItem01	
Engineering Master Items - Main	Item	MSItem02	
Engineering Master Items - Main	Item	MSItem03	
Engineering Master Items - Main	Item	MSItem04	
Engineering Master Items - Main	Item	MSItem05	
Engineering Master Items - Main	Item	MSItem06	
Engineering Bills Of Materials	Item	MSItem01	
Engineering Bills Of Materials	Item	MSItem02	
Engineering Bills Of Materials	Item	MSItem03	

Window Name	Field Name	Field Value	Comments
Engineering Bills Of Materials	Component	MSItem04	
Engineering Bills Of Materials	Component	MSItem05	
Mass Change Bills	Number	MSCO01	
Mass Change Bills	Type	ADCO	
Mass Change Bills	Items From	MSItem01	
Mass Change Bills	Items To	MSItem03	
Component Changes	Item	MSItem06	For adding multiple components
Component Changes	Item	MSItem04	For deleting multiple components
Component Changes	Item	MSItem05	For changing multiple component attributes
Engineering Change Orders	ECO	MSCO01	

Transfer and Copy Items, Bills of Materials and Routings from Engineering to Production

This flow transfers and copies items, bills of materials and routings from engineering to production using an engineering change order. These operations can also be done without an engineering change order.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Transfer and Copy Items, Bills of Materials and Routings from Engineering to Production flow.

Technical Name

Transfer_Copy_ENG_To_MFG

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value	Comments
Item template	Template	Purchased	Purchased Item attributes must be enabled.
Engineering Change Orders	Type	Prod Chg	

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value	Comments
Engineering Master Items - Main	Item	ENGTC01	
Engineering Master Items - Main	Item	ENGTC02	
Engineering Master Items - Main	Item	ENGTC03	
Engineering Master Items - Main	Item	ENGTC04	

Window Name	Field Name	Field Value	Comments
Master Items - Main	Item	ENGTC01	Transferred data
Master Items - Main	Item	ENGTC02MFG	Copied data
Master Items - Main	Item	ENGTC03	Transferred data
Master Items - Main	Item	ENGTC04MFG	Copied data
Engineering Bills Of Materials	Item	ENGTC01	
Engineering Bills Of Materials	Item	ENGTC02	
Engineering Bills Of Materials	Item	ENGTC03	
Engineering Bills Of Materials	Item	ENGTC04	
Bill Of Materials	Item	ENGTC01	Transferred data
Bill Of Materials	Item	ENGTC02MFG	Copied data
Bill Of Materials	Item	ENGTC03	Transferred data
Bill Of Materials	Item	ENGTC04MFG	Copied data
Engineering Routings	Item	ENGTC01	
Engineering Routings	Item	ENGTC02	
Engineering Routings	Item	ENGTC03	
Engineering Routings	Item	ENGTC04	
Routings	Item	ENGTC01	Transferred data
Routings	Item	ENGTC02MFG	Copied data

Window Name	Field Name	Field Value	Comments
Routings	Item	ENGTC03	Transferred data
Routings	Item	ENGTC04MFG	Copied data
Engineering Change Orders	ECO	RTECO01	

Create Engineering Change Order with Approval Process

This flow creates an engineering change order, and associates an approval list and an approval process that uses E-records and E-signatures. This flow also verifies that the approval process and approval list are not mutually exclusive.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Create Engineering Change Order with Approval Process flow.

Technical Name

Create_ECO_With_Approval_Process

Prerequisites

None.

Profile Options

The following profile option must be set:

Profile Option Name	Profile Option Value
EDR: E-records and E-signatures	Yes

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Organizations	Organization	M1
Change Type Processes	Priority	Standard
Change Type Processes	Process	ERES Approval Process

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Change Type	Type	Forte Type
Engineering Change Orders	ECO	FORTE01

7

Oracle Flow Manufacturing Flows

This chapter covers the following topics:

- Oracle Flow Manufacturing Overview
- Oracle Flow Manufacturing Attributes
- Complete Line Operation and Flow Schedule
- Verify Create Flow Schedule in Sequencing Workstation
- Feeder Line Synchronization
- Mobile Component Pick Release Forms
- Kanban Replenishment

Oracle Flow Manufacturing Overview

Oracle Flow Manufacturing is a comprehensive manufacturing software solution that supports demand driven flow and lean manufacturing techniques designed to reduce product cycle times, minimize inventories, simplify production, and improve product quality. These techniques provide manufacturing operations with the ability to quickly respond to changing customer needs in an E-Business environment.

Oracle Flow Manufacturing Attributes

This section provides information on the common prerequisites, profile options, and data setups required for executng the Oracle Flow Manufacturing flows. Flow specific requirements are documented along with the flow in the subsequent sections.

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

Not applicable.

Setup Data

Not applicable.

Complete Line Operation and Flow Schedule

This flow creates a flow schedule for flow assembly, completes the line operation and flow schedule with back flush components.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Complete Line Operation and Flow Schedule flow.

Technical Name

Complete_Line_Operation_And_Flow_Schedule

Prerequisites

The following are the prerequisites for executing this flow:

• A network mapping is created in graphical line designer for the flow line and flow assembly

• Collections plans are created and associated with the transaction work order-less completions (Flow Manufacturing)

• Line operation (Flow Manufacturing Workstation) is complete for entering quality results

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Line Scheduling Work bench	Scheduling Rule	NEW RULE
WIP Parameters	Class	Flow
Define Schedule Rules	Leveling	Mixed Model
Define Schedule Rules	Criteria Name	Order Request Date
WIP Parameters	Default Discrete Class	Flow

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value	Comments
Organization	Organization Name	V1 – Master org	
Organization	Organization Name	S1 – Child org	
Subinventories	Name	Stores	
Line Scheduling Work bench	Assembly	CHA_FLM_LSR_ASSY	
Bill of Material	Components	CHA_LOT_SR_CMP1	Lot and serial controlled component with supply type : Operation Pull
Bill of Material	Components	CHA_SR1	Serial controlled component with supply type: Operation Pull
Bill of Material	Components	CHA_CMP1	Plain component with supply type : Assembly Pull

Window Name	Field Name	Field Value	Comments
Flow Routing	Standard Operation	op10	Standard Operation must have event attached
Flow Routing	Standard Operation	Op20	Standard Operation must have event attached
Flow Routing	Standard Operation	Op30	Standard Operation must have event attached
Flow Routing	Standard Events	e1	Standard Events must have resource attached
Flow Routing	Standard Events	e2	Standard Events must have resource attached
Flow Routing	Standard Events	e3	Standard Events must have resource attached
Flow Routing	Standard Processes	pr10	Standard Processes must have events attached
Flow Routing	Standard Processes	Pr20	Standard Processes must have events attached
Flow Routing	Standard Processes	Pr30	Standard Processes must have events attached
Collection Plans	Collection Plan	QAFLMCMPNM	Collection plan during flow schedule completion

Window Name	Field Name	Field Value	Comments
Collection Plans	Collection Plan	QAFLMOPNM	Collection plan during operation completion
Collection Plans	Plan Type	WIP Inspection	
Collection Plans	Item	(A user defined value)	Use Predefined Element
Collection Plans	Quantity	(A user defined value)	Use Predefined Element
Collection Plans	Component Item	(A user defined value)	Use Predefined Element
Collection Plans	Production Line	(A user defined value)	Use Predefined Element
Collection Plans	Comments		Data type 'Char'

Verify Create Flow Schedule in Sequencing Workstation

This flow creates flow routing, bill of material, books a sales order, sets up flow sequencing, and creates component availability constraint rule for one of the components in the bill of material. It also creates and runs the flow sequencing task, verifies if the flow schedule is created for the sale order demand in the Line Scheduling Workbench.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Verify Create Flow Schedule in Sequencing Workstation flow.

Technical Name

Verify_Create_Flow_Schedule_In_Sequencing_Workstation

Prerequisites

The following is a prerequisite for executing this flow:

• A network mapping is created in graphical line designer for the flow line and flow

assembly

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
WIP Parameters	Default Discrete Class	Flow
Department	Class	Flow Prod

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Organization	Organization Name	S1 – Child org
Sales order	Customer number	1006
Subinventories	Name	Stores
Subinventories	Name	Floor stock

Feeder Line Synchronization

This flow creates a flow schedule for the parent flow assembly, runs feeder line synchronization by passing the main line, and verifies the flow schedule created for the feeder line and quantity created for the feeder line item.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Feeder Line Synchronization flow.

Technical Name

Feeder_Line_Synchronization

Prerequisites

The following is a prerequisite for executing this flow:

- A network mapping is created in graphical line designer for the flow line and flow assembly

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
WIP Parameters	Default Discrete Class	Flow
Department	Class	Flow Prod

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value	Comments
Organization	Organization Name	V1 – Master org	
Organization	Organization Name	S1 – Child org	
Production line	Line	skr-line2	
Production line	Line	skr-line3	
Item master	Item name	*CS_CHILD_LINE2*	Use Finished Item template

Window Name	Field Name	Field Value	Comments
Item master	Item name	*CS_CHILD_LINE3*	Use Finished Item template
Subinventories	Name	Stores	

Mobile Component Pick Release Forms

This flow creates flow assembly components, flow routing and bill of materials. It also creates a flow schedule for the flow assembly, and finally moves the component for the order and for the flow schedule from one subinventory to the other.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Mobile Component Pick Release Forms flow.

Technical Name

Mobile_Component_Pick_Release_Forms

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
WIP Parameters	Default Discrete Class	Flow
Department	Class	Flow Prod

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Organization	Organization Name	V1 – Master org
Organization	Organization Name	S1 – Child org
Subinventories	Name	Stores
Subinventories	Name	Floorstock

Kanban Replenishment

This flow creates components, flow routing, and pull sequences for the components, and generates cards. It then creates a flow schedule for the flow assembly and replenishes the cards for the components in the Flow Workstation HTML page.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Kanban Replenishment flow.

Technical Name

Kanban_Replenishment

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
WIP Parameters	Default Discrete Class	Flow
Department	Class	Flow Prod

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Organization	Organization Name	V1 – Master org
Organization	Organization Name	S1 – Child org
Subinventories	Name	Stores
Subinventories	Name	RIP

8

Oracle Item Master Flows

This chapter covers the following topics:

- Oracle Item Master Overview
- Oracle Item Master Attributes
- Define Customer Item and Cross Reference
- Validate Default Values of Item Status and Unit of Measurements

Oracle Item Master Overview

Oracle Item Master enables users to define and control items stocked in inventory. Also, users can set up other parameters here to control the use of items.

Oracle Item Master Attributes

This section provides information on the common prerequisites, profile options, and data setups required for executing the Oracle Item Master flows. Flow specific requirements are documented along with the flow in the subsequent sections.

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Page Name	Field Name	Field Value
User	User Name	plmmgr
	Password	welcome
Responsibility	Responsibility Name	Manufacturing and Distribution Manager

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Organization	Organization	V1
Organization Hierarchy	Organization Hierarchy	M1

Define Customer Item and Cross Reference

This flow covers customer item and customer item cross reference definition

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Define Customer Item and Cross Reference flow.

Technical Name

Define_Customer_Item_And_Cross_Reference

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Organizations	Organization	M1 - Seattle Manufacturing
Item template	Template	Purchased Item
Customer Items Summary	Customer Name	A. C. Networks
Customer Items Summary	Code	Components

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Master Items	Item	ct_001
Master Items	Item	ct_002
Customer Items Summary	Customer Item	C101
Customer Item Cross Reference	Rank	1
Customer Item Cross Reference	Rank	2

Validate Default Values of Item Status and Unit of Measurements

This flow validates master and organization level changes for attributes such as Inventory Item, Lot Control, Locator Control, Grade Control, and Item Status in Item Master.

Attributes

This section provides information on prerequisites, profile options, and data setups

required to execute the Validate Default Values of Item Status and Unit of Measurements flow.

Technical Name

Validate_Defaulting_Of_Item_Status_And_UOM

Prerequisites

None.

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Organizations	Organization	M1 - Seattle Manufacturing
Item Attribute Controls	Inventory Item	Master Level
Item Attribute Controls	Lot Control	Org Level
Item Attribute Controls	Locator Control	Org Level
Item Attribute Controls	Grade Control	Org Level
Item Attribute Controls	Child Lot Enabled	Org Level
Item Attribute Controls	Item Status	Master Level
Item Attribute Controls	Recipe Enabled	Org Level
Item Attribute Controls	Process Execution Enabled	Org Level

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Master Items - Main	Item	PIM_001
Master Items - Main	Item	PIM_02
Master Items - Inventory	Inventory Item	(Select the check box)
Master Items - Inventory	Lot Control	Full Control
Master Items - Inventory	Starting Prefix	A
Master Items - Inventory	Starting Number	1
Master Items - Inventory	Grade Controlled	(Select the check box)
Master Items - Inventory	Location Control	Dynamic Entry
Master Items - Inventory	Child Lot Enabled	(Select the check box)
Master Items - Inventory	Child Generation	Parent+Child
Master Items - Inventory	Starting Number	1
Master Items - Process Manufacturing	Recipe Enabled	(Select the check box)
Master Items - Process Manufacturing	Process Execution Enabled	(Select the check box)

9

Oracle Project Manufacturing Flows

This chapter covers the following topics:

- Oracle Project Manufacturing Overview
- Oracle Project Manufacturing Attributes
- Project Manufacturing Integration with Supply Chain Management for Organizations with Accounts
- Project Manufacturing Integration with Supply Chain Management for Organizations with No Accounts
- Project Manufacturing Integration with Supply Chain Management for Nonblue Print Organizations

Oracle Project Manufacturing Overview

Oracle Project Manufacturing supports companies in the Engineer-To-Order, Make-To-Order, Seiban, and Aerospace and Defense industries. These industries plan, track, procure, and cost based on project, contract, and Seiban numbers.

Oracle Project Manufacturing Attributes

This section provides information on the common prerequisites, profile options, and data setups required for executing the Oracle Project Manufacturing flows. Flow specific requirements are documented along with the flow in the subsequent sections.

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Page Name	Field Name	Field Value
User	User Name	plmmgr
	Password	welcome
Responsibility	Responsibility Name	Manufacturing and Distribution Manager, Vision Project Mfg (EUR)
Sales Order Header	Customer	General Technology
Sales Order Header	SO Type	P-Mixed
Sales Order Header	Price List	EURO
Purchase Order	Supplier	American Telephone and Telegraph
Purchase Order	Site	AT&T-HQ
Purchase Order	Rate Type	DHI-Corporate, Corporate (Values of 2 rate types should be different to make variances.)

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value	Comments
Organization	Organization Name	VMA	VPM Org with Accounts
Organization	Organization Name	VMN	VPM Org with or without Accounts

Window Name	Field Name	Field Value	Comments
Organization	Organization Name	VNB	VPM NBP Org
Locations	Locations Name	VPM Loc with Accounts	
Locations	Locations Name	VPM Loc w/out Accounts	
Locations	Locations Name	VPM NBP Loc	
Projects and Templates	Project Number	WIP_VPM_Temp	Project template
Advanced Pricing – Price Lists	Name	EURO	
Advanced Pricing – Price Lists	Product Context	Item	
Advanced Pricing – Price Lists	Product Attribute	Item Number	
Advanced Pricing – Price Lists	Product Value	E-FG	
Advanced Pricing – Price Lists	Value	800	

Project Manufacturing Integration with Supply Chain Management for Organizations with Accounts

Oracle Project Manufacturing (PJM) integrates with many Oracle E-Business Suite supplier chain management products. In this flow, Oracle Project Manufacturing integrates with Shipping Execution, Work in Process, Inventory, and Procurement. The flow is performed in General Ledger with the posting option set to Projects, where auto accounting is disabled.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Project Manufacturing Integration with Supply Chain

Management for Organizations with Accounts flow.

Technical Name

PJM_End_To_End_Flow_In_VMA_Org

Prerequisites

The following are the prerequisites for executing this flow:

- Work in process and sales order staging subinventories are maintained

- Work in Process parameters are defined for the discrete manufacturing organization

- Shipping parameters for the ship-from organization are defined

- Price list for the order item is maintained

- Bill of materials and routing for the order item is maintained

- Customer and ship to location are set up

- Supplier and supplier location are set up

- Daily exchange rates are defined

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Sales Order Header	Warehouse	VMA
WIP Parameters	Default Discrete Class	VMA-Dis
WIP Parameters	Supply Subinventory	WIPStaging
WIP Parameters	Supply Locator	2.1…

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value	Comments
Subinventories Summary	Name	SOStaging	
Subinventories Summary	Status	Active	
Subinventories Summary	Default Locator Status	Active	
Shipping Parameters	Weight UOM Class	CNT	
Shipping Parameters	UOM	EA	
Shipping Parameters	Volume UOM Class	CNT	
Shipping Parameters	Raise Business Event	(Select the check box)	
Shipping Parameters	Enable Ship to Deliver Workflow	(Select the check box)	
Shipping Parameters	Release Sequence Rule	Default: Order Number	
Shipping Parameters	Pick Slip Grouping Rule	Default: Order Number	
Shipping Parameters	Default Pick Release Document Set	(All Pick Release Documents)	
Shipping Parameters	Default Stage Subinventory	SOStaging	
Shipping Parameters	Autocreate Deliveries	(Select the check box)	
Shipping Parameters	Auto Allocate	(Select the check box)	
Shipping Parameters	Autocreate Delivery Criteria	Within an Order	

Window Name	Field Name	Field Value	Comments
Project Parameters	Cost Group	VMA	
Resources	Resource	VMA-MR1	Machine type, Charge at WIP Move
Resources	Resource	VMA-MR2	Machine type, Charge at Manual
Resources	Resource	VMA-PR1	Person type, Charge at Manual
Bill of Material	Components	E-PL-RM	Plain component
Bill of Material	Components	E-SP-RM	Soft pegging component
Bill of Material	Components	E-HP-RM	Hard pegging component
Bill of Material	Supply type (of all items)	Push	
Bill of Material	Supply Subinventory (of all items)	WIPStaging	
Bill of Material	Supply Locator (of all items)	2.1…	
Routing	Standard Operation	VMA1	
Routing Details	Completion Subinventory	VMA-SUBINV	
Routing Details	Completion Locator	1.1…	

Project Manufacturing Integration with Supply Chain Management for Organizations with No Accounts

Oracle Project Manufacturing integrates with many EBS Supply Chain Management products. In this flow, Oracle Project Manufacturing integrates with Shipping

Execution, Work in Process, Inventory, and Procurement. The flow is executed in organizations wherein the GL posting option is set as Projects in the PJM Organization Parameters form, and auto accounting is enabled.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Project Manufacturing Integration with Supply Chain Management for Organizations with No Accounts flow.

Technical Name

PJM_End_To_End_Flow_In_VMN_Org

Prerequisites

The following are the prerequisites for executing this flow:

- Work in process and sales order staging subinventories are maintained

- Work in Process parameters are defined for the discrete manufacturing organization

- Shipping parameters for the ship-from organization are defined

- Price list for the order item is maintained

- Bill of materials and routing for the order item is maintained

- Customer and ship to location are set up

- Supplier and supplier location are set up

- Daily exchange rates are defined

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Sales Order Header	Warehouse	VMA

Window Name	Field Name	Field Value
WIP Parameters	Default Discrete Class	VMN-Dis
WIP Parameters	Supply Subinventory	WIPStaging
WIP Parameters	Supply Locator	2.1…

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value	Comments
Subinventories Summary	Name	SOStaging	
Subinventories Summary	Status	Active	
Subinventories Summary	Default Locator Status	Active	
Shipping Parameters	Weight UOM Class	CNT	
Shipping Parameters	Raise Business Event	(Select the check box)	
Shipping Parameters	Enable Ship to Deliver Workflow	(Select the check box)	
Shipping Parameters	Release Sequence Rule	Default: Order Number	
Shipping Parameters	Pick Slip Grouping Rule	Default: Order Number	
Shipping Parameters	Default Pick Release Document Set	(All Pick Release Documents)	
Shipping Parameters	Default Stage Subinventory	SOStaging	

Window Name	Field Name	Field Value	Comments
Shipping Parameters	Autocreate Deliveries	(Select the check box)	
Shipping Parameters	Auto Allocate	(Select the check box)	
Shipping Parameters	Autocreate Delivery Criteria	Within an Order	
Project Parameters	Cost Group	VMN - CG	
Resources	Resource	VMN-MR1	Machine type, Charge at WIP Move
Resources	Resource	VMN-MR2	Machine type, Charge at Manual
Resources	Resource	VMN-PR1	Person type, Charge at Manual
Bill of Material	Components	E-PL-RM	Plain component
Bill of Material	Components	E-SP-RM	Soft pegging component
Bill of Material	Components	E-HP-RM	Hard pegging component
Bill of Material	Supply type (of all items)	Push	
Bill of Material	Supply Subinventory (of all items)	WIPStaging	
Bill of Material	Supply Locator (of all items)	2.1…	
Routing	Standard Operation	VMN1	
Routing Details	Completion Subinventory	VMN-SUBINV	
Routing Details	Completion Locator	1.1…	

Project Manufacturing Integration with Supply Chain Management for Nonblue Print Organizations

Oracle Project Manufacturing integrates with many Oracle E-Business Suite Supply Chain Management products. In this flow, Oracle Project Manufacturing integrates with Shipping Execution, Work in Process, Inventory and Procurement. The flow is executed in organizations wherein the GL posting option is set as 'Projects' in the PJM Organization Parameters form, and auto accounting is enabled.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Project Manufacturing Integration with Supply Chain Management for Nonblue Print Organizations flow.

Technical Name

PJM_End_To_End_Flow_In_VNB_Org

Prerequisites

The following are the prerequisites for executing this flow:

- Work in process and sales order staging subinventories are maintained

- Work in Process parameters are defined for the discrete manufacturing organization

- Shipping parameters for the ship-from organization are defined

- Price list for the order item is maintained

- Bill of materials and routing for the order item is maintained

- Customer and ship to location are set up

- Supplier and supplier location are set up

- Daily exchange rates are defined

Profile Options

Not.applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Sales Order Header	Warehouse	VNB
WIP Parameters	Default Discrete Class	VNB-Dis
WIP Parameters	Supply Subinventory	WIPStaging
WIP Parameters	Supply Locator	2.1…

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value	Comments
Subinventories Summary	Name	SOStaging	
Subinventories Summary	Status	Active	
Subinventories Summary	Default Locator Status	Active	
Shipping Parameters	Weight UOM Class	CNT	
Shipping Parameters	Raise Business Event	(Select the check box)	
Shipping Parameters	Enable Ship to Deliver Workflow	(Select the check box)	
Shipping Parameters	Release Sequence Rule	Default: Order Number	
Shipping Parameters	Pick Slip Grouping Rule	Default: Order Number	

Window Name	Field Name	Field Value	Comments
Shipping Parameters	Default Pick Release Document Set	(All Pick Release Documents)	
Shipping Parameters	Default Stage Subinventory	SOStaging	
Shipping Parameters	Autocreate Deliveries	(Select the check box)	
Shipping Parameters	Auto Allocate	(Select the check box)	
Shipping Parameters	Autocreate Delivery Criteria	Within an Order	
Project Parameters	Cost Group	VNB - CG	
Resources	Resource	VNB-MR1	Machine type, Charge at WIP Move
Resources	Resource	VNB-MR2	Machine type, Charge at Manual
Resources	Resource	VNB-PR1	Person type, Charge at Manual
Bill of Material	Components	E-PL-RM	Plain component
Bill of Material	Components	E-SP-RM	Soft pegging component
Bill of Material	Components	E-HP-RM	Hard pegging component
Bill of Material	Supply type (of all items)	Push	
Bill of Material	Supply Subinventory (of all items)	WIPStaging	
Bill of Material	Supply Locator (of all items)	2.1…	

Window Name	Field Name	Field Value	Comments
Routing	Standard Operation	VNB1	
Routing Details	Completion Subinventory	VNB-SUBINV	
Routing Details	Completion Locator	1.1…	

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Oracle Quality Flows

This chapter covers the following topics:

- Oracle Quality Overview
- Oracle Quality Attributes
- Mobile License Plate Number Inspection
- Mobile Work Order-Less Completion with Quality
- iSupplier Portal Inspection with Quality
- Skip Lot Inspection Flow in Forms
- Sampling Inspection Flow in Mobile
- Defaulting P-C Element Relationship

Oracle Quality Overview

Oracle Quality is a flexible enterprise-wide quality management system that lets you collect, distribute and analyze critical quality data throughout your supply chain. Oracle Quality is part of the Oracle E-Business Suite, and is tightly integrated with Oracle Work in Process, Oracle Flow Manufacturing, Oracle Shop Floor Management, Oracle MES for Discrete Manufacturing, Oracle Purchasing, Oracle Internet Supplier Portal, Oracle Mobile Supply Chain, Oracle Warehouse Management System, Oracle Enterprise Asset Management, Oracle Depot Repair, and Oracle Service, enabling you to collect quality data at source.

Oracle Quality Attributes

This section provides information on the common prerequisites, profile options, and data setups required for executing the Oracle Quality flows. Flow specific requirements are documented along with the flow in the subsequent sections.

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

Not applicable.

Setup Data

Not applicable.

Mobile License Plate Number Inspection

This flow creates a PO, receives it on the mobile device, generates a license plate number, and inspects the receipt on the mobile device.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Mobile License Plate Number Inspection flow.

Technical Name

Mobile_LPN_Inspection

Prerequisites

None.

Profile Options

The following profile options must be set:

Profile Option Name	Profile Option Value
QA:PO inspection	Oracle Quality
ICX: Date format mask	31-DEC-1999

Predefined Data

Not applicable.

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value	Comments
Organization	Organization Name	V1 – Master org	
Organization	Organization Name	W1 – Child org	
Master Item	Item Name	G1000	Attribute values of G1000 are: • Inventory Item • Stockable • Transactable • Reserveable • Purchased • Purchasable • List price:10
Location	Location	123	
Collection plan	Collection plan	FLPN	Mandatory for mobile license plate number inspection, trigger: Item is G1000
Sub inventory	Sub inventories	FGI	

Page Name	Field Name	Field Value
Supplier	Supplier Name	Allied Manufacturing

Page Name	Field Name	Field Value
Supplier	Supplier Site	SAN JOSE - ERS

Mobile Work Order-Less Completion with Quality

A work order-less is a type of work order. The Mobile Work Order Less Completion with Quality flow creates and completes the work order-less process and inspects it on the mobile device.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Mobile Work Order-Less Completion with Quality flow.

Technical Name

Mobile_WOL_Completion_With_Quality

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

Not applicable.

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value	Comments
Organization	Organization Name	M1 – Child org	

Window Name	Field Name	Field Value	Comments
Master Item	Item Name	Gass	Apply template: Finish goods. Inventory Item, Stockable, Transactable, Reserveable, BOM allowed, BOM Item Type: Standard
Collection Element	Collection Element	Subinventory	Char, 11
	Collection Element	Item	Char, 10
	Collection Element	Locator	Char, 11
	Collection Element	Quantity	Num, 7
	Collection Element	Reason Code	Char, 12
	Collection Element	Comments	Char, 50

iSupplier Portal Inspection with Quality

This flow creates an item, a purchase order, and a collection plan, and inspects the delivery in the iSupplier portal.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the iSupplier Portal Inspection with Quality flow.

Technical Name

ISupplier_Portal_Inspection

Prerequisites

None.

Profile Options

The following profile options must be set:

Profile Option Name	Profile Option Value
QA:PO inspection	Oracle Quality
ICX: Date format mask	31-DEC-1999

Predefined Data

Not applicable.

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Organization	Organization Name	V1 – Master org
Organization	Organization Name	M1 – Child org
Item Template	Purchase item	Purchase item

Window Name	Field Name	Field Value
Collection Element	Collection Element	• Lot Number
		• Serial Number
		• Quantity
		• Quantity Defective
		• Percent Defective
		• Defect Code
		• Disposition Code
		• Accepted Quantity
		• Percent Accepted
		• Inspection Result
		• Transaction Date
		• License Plate Number
		• UOM

Page Name	Field Name	Field Value
Supplier	Supplier Name	Allied Manufacturing
Supplier	Supplier Site	SAN JOSE - ERS

Skip Lot Inspection Flow in Forms

This flow creates, receives, and inspects a purchase order. It moves goods to the subinventory with the Skip Lot feature defined in Forms.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Skip Lot Inspection Flow in Forms flow.

Technical Name

PO_Inspection_With_Skiplot_Process_Forms

Prerequisites

None.

Profile Options

The following profile options must be set:

Profile Option Name	Profile Option Value
QA:PO inspection	Oracle Quality
ICX: Date format mask	31-DEC-1999

Predefined Data

Not applicable.

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Organization	Organization Name	V1 – Master org
Organization	Organization Name	M1 – Child org
Location	Location	123
Sub inventory	Sub inventories	Stores

Window Name	Field Name	Field Value
Collection Element	Collection Element	• Inspection Result • Quantity • Transaction Date • Comments • UOM name

Page Name	Field Name	Field Value
Supplier	Supplier Name	Allied Manufacturing
Supplier	Supplier Site	SAN JOSE - ERS

Sampling Inspection Flow in Mobile

This flow creates a purchase order, and receives and inspects it on the mobile device. It also moves the goods to the subinventory when a sampling rule is defined

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Sampling Inspection Flow in Mobile flow.

Technical Name

PO_Sampling_Inspection_Mobile

Prerequisites

None.

Profile Options

The following profile options must be set:

Profile Option Name	Profile Option Value
QA:PO inspection	Oracle Quality
ICX: Date format mask	31-DEC-1999

Predefined Data

Not applicable.

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
Organization	Organization Name	V1 – Master org
Organization	Organization Name	M1 – Child org
Master Item	Item Name	MS-PUR2
Location	Location	123
Collection Element	Collection Element	- Item - Inspection Result - Transaction Date - Comments - Quantity - UOM
Sub inventory	Sub inventories	FGI

Page Name	Field Name	Field Value
Supplier	Supplier Name	Allied Manufacturing
Supplier	Supplier Site	SAN JOSE - ERS

Defaulting P-C Element Relationship

Defaulting P-C element relationship links the same elements in parent and child collection plan automatically when selecting P-C relationship as History and selecting the Default History Elements check box.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Defaulting P-C element relationship flow.

Technical Name

Defaulting_PC_Element_Relationship

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

Not applicable.

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value	Comments
Organization	Organization Name	M1 – Child org	

Window Name	Field Name	Field Value	Comments
Master Item	Item Name	Fser	Apply template: Finish goods. Inventory Item, Stockable, Transactable, Reserveable, BOM allowed, BOM Item Type: Standard
Collection Element	Collection Element	Item	Char, 10
	Collection Element	Job	Char, 15
	Collection Element	Quantity	Num, 7
	Collection Element	From Op Seq Number	Num, 4
	Collection Element	To Op Seq Number	Num, 4
	Collection Element	Comments	Char, 50
	Collection Element	Transaction Date	Date and Time,20
	Collection Element	Send Email	Char, 4

11

Oracle Shop Floor Management Flows

This chapter covers the following topics:

- Oracle Shop Floor Management Overview
- Oracle Shop Floor Management Attributes
- Move, Work in Process, and Inventory Lot Transactions
- Work in Process Lot Transactions
- Shop Floor Operator Transactions in HTML User Interface
- Shop Floor Supervisor Transactions in HTML User Interface
- Inventory Lot Transactions
- Lot Creation from Substitute Component
- Network Routing Definition
- Outside Processing
- Co-Product Definition

Oracle Shop Floor Management Overview

Oracle Shop Floor Management provides complete visibility of all manufacturing work order activity. It can extend across different plants to track product lot activities from raw materials to finished goods as a single repository of shop floor information.

It helps ensure the continuum between planning, scheduling, and execution including complex lot transactions, dynamic routing, and end-to-end genealogy of products, and modeling and tracking of operation yield costs.

Oracle Shop Floor Management Attributes

This section provides information on the common prerequisites, profile options, and data setups required for executing the Oracle Shop Floor Management flows. Flow

specific requirements are documented along with the flow in the subsequent sections.

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

Not applicable.

Setup Data

The following data must be set up

Page Name	Field Name	Field Value
User	User Name	MFG
User	Password	welcome

Window Name	Field Name	Field Value	Comments
Organization	Organization Code	V1	Master Org
Organization	Organization Code	M4	Child Org
Sub Inventory	Sub Inventory	Wafer Bank	Sub Inventory within M4
Organization Parameters	Lot Control - Uniqueness	None	Org Parameters for Org M4
WIP Parameters	Fields in Intra operation Tab	(Select Queue, Run, To Move and Scrap)	
WIP Parameters	Accounting Class	FAB-WAC-M4	

Window Name	Field Name	Field Value	Comments
WIP Parameters	Default Lot Number Type	Job Name	
Shop Floor Management Parameters	New Lot Separator	*	
Bill of Material	Components	CM60000	Component of Supply Type Push in assembly CM61000 at Operation Sequence 10
Network Routing	Standard Operation	FB10	Operation Sequence 10 in Routing of assembly CM61000
Network Routing	Standard Operation	FB20	Operation Sequence 20 in Routing of assembly CM61000
Routing	Standard Operation	FB25	Operation Sequence 30 in Routing of assembly CM61000
Routing	Standard Operation	FB30	Operation Sequence 40 in Routing of assembly CM61000
Routing Network	Primary	10 to 20, 20 to 40	Primary path of the Network Routing
Routing Network	Alternate	20 to 30, 30 to 40	Alternate path of the Network Routing

Move, Work in Process, and Inventory Lot Transactions

This flow creates a lot based job, moves scrap transactions and then splits a WIP lot transaction. It completes one of the split jobs and transfers the inventory lot transactions.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Move, Work in Process, and Inventory Lot Transactions flow.

Technical Name

OSFM_End_To_End_Flow_With_Various_Lot_Transactions

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Page Name	Field Name	Field Value
WIP Lot Transactions	Reason	ECO

Window Name	Field Name	Field Value
Shop Floor Management Parameters	Enable Inventory Lot Transactions	(Select the check box)

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value	Comments
Master Items	Item Name	CM61000	Lot controlled assembly having BOM and Network Routing defined and assigned to M4 Org. (Components are of 'Push' Supply Type)

Work in Process Lot Transactions

This flow creates a lot based job, and splits, merges, and creates a bonus transaction, updates the lot name, quantity, and routing, and updates the assembly transactions.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Work in Process Lot Transactions flow.

Technical Name

WIP_Lot_Transactions

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

Not applicable.

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value	Comments
Master Items	Item Name	CM61000	The item must have these attributes - Lot controlled assembly having BOM, Routing, Alternate Routing as 'Alternate1' and assigned to M4 Org. (Components are of 'Push' Supply Type)
Master Items	Item Name	CM9000_MG	The item must have these attributes - Lot controlled assembly having BOM and Network Routing defined and assigned to M4 Org., which is used in the Update Assembly component

Shop Floor Operator Transactions in HTML User Interface

This flow tests various Oracle Shop Floor Management operator transactions in HTML. Transactions included are move in, undo move, move out, jump split, merge, and update lot name transactions.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Shop Floor Operator Transactions in HTML User Interface flow.

Technical Name

Shop_Floor_Operator_Transactions_In_HTML_UI

Prerequisites

None.

Profile Options

The following profile option must be set:

Profile Option Name	Profile Option Value
WSM: Allow Operation Jumps	Yes

Predefined Data

Not applicable.

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value	
Master Items	Item Name	CM61000	The item must have these attributes - Lot controlled assembly having BOM, Routing and assigned to M4 Org. (Components are of 'Push' Supply Type)

Shop Floor Supervisor Transactions in HTML User Interface

This flow tests various Oracle Shop Floor Management supervisor transactions in HTML. The transactions included are update resource status, current resource status, purge resource event logs, and material transactions.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Shop Floor Supervisor Transactions in HTML User Interface flow.

Technical Name

Shop_Floor_Supervisor_Transactions_In_HTML_User_Interface

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Page Name	Field Name	Field Value	Comments
Supervisor – Change Context	Department	ASSEMBLY	Required when changing context
Supervisor – Change Context	Operation	APRT	Required when changing context to operation based
Supervisor – Change Context	Resource	LASER_SAW	Required when changing context to resource based

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value	Comments
Master Items	Item Name	CM61000	The item must have the following attributes - Lot controlled assembly having BOM and Network Routing defined and assigned to M4 Org. (Components are of 'Push' Supply Type
Master Items	Item Name	RJ_Plain	The item must be a plain component for Material Issue transaction

Window Name	Field Name	Field Value	Comments
Master Items	Item Name	RJ_Serial	The item must be a serial controlled component for Material Issue transaction

Inventory Lot Transactions

This flow creates a lot based job, moves and completes the job, and then creates inventory lot transactions. The transactions included are split, merge, transfer, and translate.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Inventory Lot Transactions flow.

Technical Name

Inventory_Lot_Transactions

Prerequisites

None.

Profile Options

None.

Predefined Data

The following predefined data must be used:

window Name	Field Name	Field Value
Shop Floor Management Parameters	Enable Inventory Lot Transactions	(Select the check box)

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value	Comments
Master Items	Item Name	CM61000	The item must have the following attributes - Lot controlled assembly having BOM and Network Routing defined and assigned to M4 Org. (Components are of 'Push' Supply Type)

Lot Creation from Substitute Component

This flow creates lots using a substitute component in the Lot Creation form.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Lot Creation from Substitute Component flow.

Technical Name

Lot_Creation_From_Substitute_Component

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

Not applicable.

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value	Comments
Master Items	Item Name	CM51SUB	The item must have the following attributes - Lot controlled assembly having BOM and Network Routing defined and assigned to M4 Org. is defined as a substitute component in the BOM of assembly CM53000
Master Items	Item Name	CM53000	The item must have the following attributes - Lot controlled assembly having BOM and Network Routing defined and assigned to M4 Org. The item must have component CM51000 which has CM51SUB defined as a substitute component
Master Items	Item Name	CM51000	The item must be a component in BOM of assembly CM53000

Network Routing Definition

This flow creates a network routing and runs the request for calculating lead times. It also verifies if the lead times are displayed correctly.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Network Routing Definition flow.

Technical Name

Network_Routing_Definition

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

Not applicable.

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value	Comments
Master Items	Item Name	CM61000	The item must have the following attributes - Lot controlled assembly having BOM and Network Routing defined and assigned to M4 Org. (Components are of 'Push' Supply Type)

Outside Processing

This flow tests the outside processing flow and verifies that users can perform transactions after the outside processing operation.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Outside Processing flow.

Technical Name

Outside_Processing_Flow

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

Not applicable.

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value	Comments
WIP Parameters	Requisition Creation Time	Always	Setup required for OSP flow
Master Items	Item Name	OSFM_OSP1	The item must have the following attributes - Lot controlled assembly having BOM and Network Routing defined and assigned to M4 Org. The first operation in Routing must have OSP Resource 'OSP_RES'
Master Items	Item Name	OSP_RES	This is an Outside Processing item
Auto Create PO	Supplier	Allied Manufacturing	
Auto Create PO	Supplier Site	SAN JOSE-ERS	

Co-Product Definition

This flow creates a co-product and verifies the automatic creation of bills of material.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Co-Product Definition flow.

Technical Name

Co_Product_Definition

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

Not applicable.

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value	Comments
Master Items	Item Name	CM61000	The item must have the following attributes - Lot controlled assembly having BOM and Network Routing and assigned to M4 Org. (Components are of 'Push' Supply Type)

12

Oracle Work in Process Flows

This chapter covers the following topics:

- Oracle Work in Process Overview
- Oracle Work in Process Attributes
- Schedule to Build with Plain Assembly
- Schedule to Build License Plate Number Transactions with Serialized Assembly in Mobile
- Schedule to Build with Serial Controlled Assembly in Mobile
- Discrete Job with Multiple Sales Orders Association
- License Plate Number Serialized Transactions in Mobile
- Repetitive Schedule Transactions
- Nonstandard Discrete Job with Regular Assemblies
- Outside Processing at Last Operation for Serialized Assembly in Mobile
- Outside Processing Scrap, Over Move through Forms when Propagate Job Changes to Purchase Order Set to Manual
- Outside Processing, Change Quantity of Job Having More Than One Requisition with Parameter Set to Propagate Job Changes to Purchasing as Manual
- Outside Processing, Scrap Transactions through Mobile
- Outside Processing, Scrap and Over Move Transaction through Forms, Verify the Quantity Changes in the Created Purchase Requisition
- Outside Processing, Change PO Need By Date through Form PO in Status Incomplete Approved
- Simulate Discrete Job
- Check Schedule Completion Dates and Lead Time Calculation

Oracle Work in Process Overview

Oracle Work in Process is the core of Oracle's Discrete Manufacturing solution. Oracle Work in Process by itself provides a complete production management system that improves productivity, quality, and responsiveness while maximizing throughput and production. Inquiries and reports give you a complete picture of transactions, materials, resources, costs, and job. In conjunction with other modules within Oracle Discrete Manufacturing foot print, Oracle Work in Process provides support for enterprise wide quality management, lot and serial genealogy and traceability and support for various methods of planning and cost accounting, irrespective of whether your entire manufacturing is in-house or you use services of contract manufacturers.

Oracle Work in Process Attributes

This section provides information on the common prerequisites, profile options, and data setups required for executing the Oracle Work in Process flows. Flow specific requirements are documented along with the flow in the subsequent sections.

Prerequisites

None.

Profile Options

The following profile option must be set:

Profile Option Name	Profile Option Value
WIP:Define Discrete Job Form	Interactive definition

Predefined Data

The following predefined data must be used:

Page Name	Field Name	Field Value
User	User Name	MFG
	Password	welcome

Page Name	Field Name	Field Value
Responsibility	Responsibility Name	Manufacturing and Distribution Manager

Mobile	Field Name	Field Value	Comments
Telnet	Responsibility Name	Material & Mfg	(User must have access to this responsibility in the mobile interface)
Telnet	Responsibility Name	Whse Mgmt	(User must have access to this responsibility in the mobile interface)

Setup Data

The following data must be set up

Window Name	Field Name	Field Value	Comments
Organization	Organization Name	V1	V1 master organization
Organization	Organization Name	M1	M1 child organization
Organization	Organization Name	W1	W1 child organization

Schedule to Build with Plain Assembly

This flow performs the following activities in the listed sequence:

1. Creates finished items and components.

2. Creates miscellaneous receipts for all components.

3. Creates resources, departments, routings, and bill of materials.

4. Books a sales order, creates a discrete job, and pick releases a component for the job.

5. Transacts on the move order and issues material for the discrete job.

6. Moves the discrete job to outside processing operation.

7. Creates a purchase order, receipt, and completes the discrete job with quality inspection.

8. Closes the discrete job and checks the job status.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Schedule to Build with Plain Assembly flow.

Technical Name

Schedule_To_Build_Non_Lot_Serial_Controlled_Assembly

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
WIP Parameters	Class	Discrete
Discrete Job, Routing tab	Sub inventory	Stores

Setup Data

Not applicable.

Schedule to Build License Plate Number Transactions with Serialized Assembly in Mobile

This flow performs the following activities in the listed sequence:

1. Creates serialized finished items, plain components, a miscellaneous receipt for the component, resources, departments, routings and bill of materials

2. Creates a discrete job and associates it with serial numbers.

3. Pick and releases a component for the job, transacts on the move order, and assigns the task to the resource or picker.

4. Loads the task and completes the material issue transactions in the mobile device.

5. Moves the serial numbers for the finished assembly to the last operation.

6. Generates the license plate number and directly drops the license plate number and closes the discrete job.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Schedule to Build License Plate Number Transactions with Serialized Assembly in Mobile flow.

Technical Name

Schedule_To_Build_Mobile_LPN_Drop

Prerequisites

The following are the prerequisites for executing this flow:

• User Task Type VMTS is created in the Warehouse Manager Setup and the Standard Task Type is defined as Pick in the User Task Type Attribute form. The User Task Type Attribute is mapped to the Pick Load Page type template in the User Task Type Attribute form.

• The fields listed in the Setup Data section below are enabled in the Pick Load Page Setup form. These fields are available during the pick load transaction in the mobile device. Property for serial items are set using the template General in the Pick Load Page Setup form.

• The default picking rule is No LPN Location.

- Shipping parameters are defined.

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
WIP Parameters	Class	Discrete
Discrete Job	Sub inventory	AMOBULK
Discrete Job	Locator	AMO.1.1.1

Setup Data

The following data must be set up:

Window Name	Field Name	Field Value
User Task Type Attributes	User Task Type	DFLT
User Task Type Attributes	User Task Type Description	Default Picking
User Task Type Attributes	Standard Task Type	Pick
User Task Type Attributes	Pick Load Page Type	GENERAL
User Task Type Attributes	Pick Load Page Description	Default Pick Load Configuration

Window Name	Field Name	Field Value
Pick Load Page Setup	Name	GENERAL
Pick Load Page Setup	Item Description	(Display only, no confirmation)
Pick Load Page Setup	Item	(Two columns are displayed – one for displaying property of nonserial items and another for displaying property of serial items. Show both fields, confirm second with no LOV)
Pick Load Page Setup	Subinventory	(Two columns are displayed – one for displaying property of nonserial items and another for displaying property of serial items. Show both fields, confirm second with no LOV)
Pick Load Page Setup	Locator	(Two columns are displayed – one for displaying property of nonserial items and another for displaying property of serial items. Show both fields, confirm second with no LOV)
Pick Load Page Setup	Allocated LPN	(Display only, no confirmation)
Pick Load Page Setup	Outer LPN	(Display only, no confirmation)
Pick Load Page Setup	Revision	(Two columns are displayed – one for displaying property of nonserial items and another for displaying property of serial items. Show both fields, confirm second with no LOV)
Pick Load Page Setup	UOM	(Single line input with LOV, default value)
Pick Load Page Setup	Requested Quantity	(Display only, no confirmation)

Window Name	Field Name	Field Value
Pick Load Page Setup	Transfer LPN	(Single line input with no LOV, default value)
Pick Load Page Setup	Into LPN	(Hide fields)
Pick Load Page Setup	Container	(Display only, no confirmation)
Pick Load Page Setup	Container Id	(Display only, no confirmation)
Pick Load Page Setup	Project	(Display only, no confirmation)
Pick Load Page Setup	Task	(Display only, no confirmation)

Schedule to Build with Serial Controlled Assembly in Mobile

This flow performs the following activities in the listed sequence:

1. Creates serialized finished items, components, and miscellaneous receipt for all components.

2. Creates resources, departments, routings and bill of materials

3. Creates the discrete job and associates the discrete job with the serial numbers.

4. Performs material issue transactions in the mobile device.

5. Moves the discrete serial number to the last operation and completes the discrete job.

6. Closes the discrete job and checks the job status.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Schedule to Build with Serial Controlled Assembly in Mobile flow.

Technical Name

Schedule_To_Build_Serial_Controlled_Assembly

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
WIP Parameters	Class	Discrete
Department Class	Class	Production
Discrete Job	Sub inventory	Stores
WIP Parameters	Default serialization start operation	(Select the check box)
WIP Parameters	Default Intra operation Step for Assembly Moves	(Select the check box)

Setup Data

Not applicable.

Discrete Job with Multiple Sales Orders Association

This flow performs the following activities in the listed sequence:

1. Creates plain and finished items and components, resources of type Machine, routings and bill of materials, and miscellaneous receipts for all components.

2. Creates discrete job, books sales order, and associates the sales order with the discrete job.

3. Verifies the reservation of the sales order with the discrete job.

4. Moves and completes the discrete job.

5. Verifies if the reservation for the sales order is linked to the on hand quantity.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Discrete Job with Multiple Sales Orders Association flow.

Technical Name

Discrete_Job_With_Multiple_Sales_Order_Association

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
WIP Parameters	Class	Discrete
WIP Parameters	Sub inventory	Stores
Department Class	Class	Production

Setup Data

Not applicable.

License Plate Number Serialized Transactions in Mobile

This flow performs the following activities in the listed sequence:

1. Creates serial controlled finished items and two plain components in a warehouse

management system (WMS), enabled organization.

2. Receives the components through miscellaneous receipt.

3. Creates resources and departments, and associates the departments with resources.

4. Creates routing and bill of material.

5. Creates a discrete job and associates the serial numbers with the discrete job.

6. Moves the serial numbers associated with the discrete job to the last operation, generates license plate numbers (LPN), and directly drops the LPN.

7. Loads and drops the LPN.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the License Plate Number Serialized Transactions in Mobile flow.

Technical Name

LPN_Serialized_Txns

Prerequisites

None.

Profile Options

None.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
Discrete Job	Type	Non Standard
Discrete Job	Sub inventory	AMOBULK
Discrete Job	Locator	AMO.1.1.1

Window Name	Field Name	Field Value
WIP Parameters	Default serialization start operation	(Select the check box)
WIP Parameters, Discrete tab	Default Discrete Class	Discrete
WIP Parameters, Serial Tab	Default Intra operation Step for Assembly Moves	(Select the check box)

Setup Data

Not applicable.

Repetitive Schedule Transactions

This flow performs the following activities in the listed sequence:

1. Creates plain finished item, and plain, serial, lot, and serial controlled product items.

2. Receives the components through miscellaneous receipt.

3. Creates resources, departments, and associates the departments with resources.

4. Creates routing and bill of material, repetitive lines, and associates the line with assembly.

5. Creates a repetitive schedule, and performs material issue, and resource transactions.

6. Moves and returns from move, scraps and returns from scrap, rejects and returns from reject, and completes the return transactions with back flushing.

7. Creates a repetitive schedule for assembly completion and returns transaction with back flushing.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Repetitive Schedule Transactions flow.

Technical Name

Repetitive_Schedule_Transactions

Prerequisites

None.

Profile Options

None.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Repetitive line/assembly association	Class	Repetitive

Setup Data

Not applicable.

Nonstandard Discrete Job with Regular Assemblies

This flow performs the following activities in the listed sequence:

1. Creates a nonstandard, discrete job for an assembly, adds routing and assembly in the Discrete Job form, and releases the discrete job.

2. Verifies operations and components, adds, modifies, and deletes operations and components from the discrete job.

3. Completes resource and material transactions for the discrete job.

4. Closes the discrete job and verifies its status.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Nonstandard Discrete Job with Regular Assemblies flow.

Technical Name

Non_Standard_Discrete_Job_For_Regular_Assemblies

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Non Standard
Discrete Job	Sub inventory	Stores
Discrete Job	Class	Rework

Setup Data

Not applicable.

Outside Processing at Last Operation for Serialized Assembly in Mobile

This flow creates serial controlled finished items, resources and departments, associates departments with resources, and creates routing.

The flow enables Requisition Creation Time as At Job/Schedule Release, sets the first operation as serializing start operations, creates and releases discrete job, and associates serial numbers to the job. It automatically creates a PO, triggered through job release.

It then moves the serial numbers to the last, outside the processing operation queue step, receives the PO and moves the transaction to the last step, and completes the discrete job in a mobile interface.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Outside Processing at Last Operation for Serialized Assembly in

Mobile flow.

Technical Name

OSP_Last_OP_For_PO_Move_Resources_For_LSR_Assembly

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
Discrete Job	Type	Non Standard
Discrete Job	Sub inventory	Stores
WIP Parameters	Default serialization start operation	(Select the check box)
WIP Parameters, Discrete tab	Default Discrete Class	Discrete
WIP Parameters, Serial Tab	Default Serialization Start Operation	(Select the check box)
WIP Parameters, Serial Tab	Default Intra operation Step for Assembly Moves	(Select the check box)
WIP Parameters, Mobile tab	Default Scrap Account Alias and Number	Empty
WIP Parameters, Mobile tab	Transaction Processing Mode	Online
WIP Parameters, Move Transaction tab	Required Scrap Account	(Select the check box)

Setup Data

Not applicable.

Outside Processing Scrap, Over Move through Forms when Propagate Job Changes to Purchase Order Set to Manual

This flow performs the following activities in the listed sequence:

1. . Creates finished items, resources, departments, and associates departments with resources.

2. Creates routing.

3. Sets second and third operations as Outside Processing Operations, the Requisition Creation Time parameter as Job/Schedule Release, and the Propagate Job Quantity Changes parameter as Manual.

4. Creates a discrete job and automatically creates a PO with the status as Incomplete.

5. Scraps and unscraps the assembly. The quantity in the PO does not change based on the changes in the discrete job.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Outside Processing Scrap, Over Move through Forms when Propagate Job Changes to Purchase Order Set to Manual flow.

Technical Name

OSP_Scrap_And_Overmove_Txns_Through_Desktop_PO_Set_To_Manual

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
Discrete Job	Sub inventory	Stores
WIP Parameters, Discrete tab	Default Discrete Class	Discrete

Setup Data

Not applicable.

Outside Processing, Change Quantity of Job Having More Than One Requisition with Parameter Set to Propagate Job Changes to Purchasing as Manual

This flow performs the following activities in the listed sequence:

1. Creates finished items, resources and departments, and associates departments with resources..

2. Creates routing.

3. Sets second and third operations as Outside Processing Operations, the Requisition Creation Time parameter as Job/Schedule Release, and the Propagate Job Quantity Changes parameter as Automatic.

4. 4. Creates a discrete job and a manual requisition for the outside processing item, and associates it with the discrete job. The job quantities are increased or decreased and the changes in the PO are verified.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Outside Processing, Change Quantity of Job Having More Than One Requisition with Parameter Set to Propagate Job Changes to Purchasing as Manual flow.

Technical Name

OSP_Job_Quantity_Change_For_More_Than_One_Requistion

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
Discrete Job	Sub inventory	Stores
WIP Parameters, Discrete tab	Default Discrete Class	Discrete

Setup Data

Not applicable.

Outside Processing, Scrap Transactions through Mobile

This flow performs the following activities in the listed sequence:

1. Creates routing for an assembly with the last operation as Outside Processing.

2. Sets the Outside Processing parameter to Requisition Creation Time to At Job/Schedule Release, and the Propagate Job Changes parameter to Purchasing Automatic.

3. Creates a discrete job and verifies the requisition created for the outside processing assembly. In the mobile interface the assembly quantity changes for the discrete job are verified.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Outside Processing, Scrap Transactions through Mobile flow.

Technical Name

OSP_Scrap_Transactions_Through_Mobile

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
Discrete Job	Sub inventory	Stores
WIP Parameters, Discrete tab	Default Discrete Class	Discrete

Setup Data

Not applicable.

Outside Processing, Scrap and Over Move Transaction through Forms, Verify the Quantity Changes in the Created Purchase Requisition

This flow creates routing for an assembly with the last operation being outside processing. It sets the Outside Processing parameter to Requisition Creation Time to At Job/Schedule Release, and the Propagate Job Changes parameter to Purchasing Automatic. It then creates a discrete job and verifies the requisition created for the outside processing assembly, creates an 'over move' transaction for the assembly and verifies the requisition quantity as per the over move transaction.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Outside Processing, Scrap and Over Move Transaction through Forms, Verify the Quantity Changes in the Created Purchase Requisition flow.

Technical Name

    OSP_Scrap_And_Overmove_Txns_Through_Desktop

Prerequisites

    None.

Profile Options

    Not applicable.

Predefined Data

    The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
Discrete Job	Sub inventory	Stores
WIP Parameters, Discrete tab	Default Discrete Class	Discrete

Setup Data

    Not applicable.

Outside Processing, Change PO Need By Date through Form PO in Status Incomplete Approved

This flow creates routing for an assembly with the second and fourth operations being Outside Processing. It sets the Outside Processing parameter to Requisition Creation Time to Operation, and the Propagate Job Changes parameter to Automatic. It then creates a discrete job and automatically creates a PO with the status Complete for the second operation. The PO Need by Date is changed and is received. Next, a PO is automatically created for the fourth operation, and the PO Need by Date is changed and is received.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Outside Processing, Change PO Need By Date through Form PO

in Status Incomplete Approved flow.

Technical Name

OSP_Change_PO_NBD_Thorugh_Oper_From_PO_In_Status_Incomp_Aprv

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
Discrete Job	Sub inventory	Stores

Setup Data

Not applicable.

Simulate Discrete Job

This flow creates components and assembly. It also creates routing and bill of materials, and simulates and creates a discrete job..

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Simulate Discrete Job flow.

Technical Name

Simulate_Discrete_Job

Prerequisites

None.

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value
Discrete Job	Type	Standard
WIP Parameters, Discrete tab	Default Discrete Class	Discrete

Setup Data

Not applicable.

Check Schedule Completion Dates and Lead Time Calculation

This flow creates a discrete assembly, resources and routing, and schedules two resources in the same operation sequence. It also calculates the variable lead time based on the resources scheduling with and without constraint based scheduling, and verifies the lead time computed in both cases.

Attributes

This section provides information on prerequisites, profile options, and data setups required to execute the Check Schedule Completion Dates and Lead Time Calculation flow.

Technical Name

Lead_Time_Calculation_For_Assy_With_Simultaneous_Resources

Prerequisites

The following is a prerequisite for executing this flow:

• Multiple shifts are defined and associated with the production workday calendar

Profile Options

Not applicable.

Predefined Data

The following predefined data must be used:

Window Name	Field Name	Field Value	Comments
WIP Parameters	Default Discrete Class	Discrete	
Department	Class	Production	
Shift Times	Shift num	1	Start time 07:00:00 Stop: 15:00:00
Shift Times	Shift num	2	Start time: 15:00:00 Stop: 23:00:00
Shift Times	Shift num	3	Start time: 23:00:00 Stop: 07:00:00
WIP Parameters	Include Resource Efficiency	Yes	
WIP Parameters	Include Resource Utilization	Yes	
WIP Parameters	Resource and Material	Yes	
Workday Calendar	Name	Vision01	
Workday pattern	Seq	1	On 5 days, off 2 days

Setup Data

Not applicable.

A

Components in Oracle Discrete Manufacturing

This appendix covers the following topics:

- Overview
- Components in Oracle Discrete Manufacturing

Overview

This appendix describes the components in Oracle Discrete Manufacturing.

Components in Oracle Discrete Manufacturing

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Bills of Material	BOM ROUTING Setups	Assign_Oper_Resources_Routing	Operation Resources	Precondition/Dependency: Enter_Mfg_Routing_Operations. Desc: This component will enter data in the main tab of operation resources header for bills of materials routing. One of the navigation for the component: Manufacturing and Distribution manager, Bills of Materials, Routings, Routings.
Oracle Bills of Material	BOM ROUTING Setups	Create_Rout_Res_Header	Resource	Precondition/Dependency: No. Desc: This component will enter data for cost for resources and create routing resources. One of the navigation for the component: Manufacturing and Distribution manager, Bills of Materials, Routings, Resources.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Bills of Material	BOM ROUTING Setups	Create_Upd_Sta ndard_Operatio ns	Standard Operations	Precondition/Depende ncy: No. Desc: This component will enter data in main tab of standard operations form and will create standard operation. One of the navigation for the component: Manufacturing and Distribution manager, Bills of Materials, Routings, Standard Operations.
Oracle Bills of Material	BOM ROUTING Setups	Create_Upd_Std _Oper_Resource	Resources	Precondition/Depende ncy: Create_Upd_Standard _Operations. Desc: This component will enter data in all the tabs for standard operations resources. One of the navigation for the component: Manufacturing and Distribution manager, Bills of Materials, Routings, Standard Operations.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Bills of Material	BOM ROUTING Setups	Crt_BOM_Rout _Osp_Res_Cost_ Type	SETUPCOMP	Precondition/Dependency: Create_Rout_Res_Header. Desc: This component will enter data for cost for resources. One of the navigation for the component: Manufacturing and Distribution manager, Bills of Materials, Routings, Resources
Oracle Bills of Material	Bills of Materials	Add_ENG_Bill_ Comp	Engineering Bills of Material	Add engineering bill
Oracle Bills of Material	Bills of Materials	Add_ENG_Ref_ Designators	-	Add Reference Designator and description Precondition: CLK_ENG_REF_DESG.
Oracle Bills of Material	Bills of Materials	Add_Eng_Bill_ Main_Tab	Engineering Bills of Material	Precondition/Dependency: Create_Eng_Bill_Header Desc: This component will enter data in main tab for engineering bill. One of the navigation for the component: Manufacturing and Distribution manager, Engineering, Prototypes, Bills, Bills.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Bills of Material	Bills of Materials	Add_Eng_Bill_ Mat_Control_Ta b	Engineering Bills of Material	Precondition/Depende ncy: Create_Eng_Bill_Head er
				Desc: This component will enter data in material control tab for engineering bill. One of the navigation for the component: Manufacturing and Distribution manager, Engineering, Prototypes, Bills, Bills.
Oracle Bills of Material	Bills of Materials	Add_MFG_Subs titute_Comp	-	Add bom enabled items as Substitute component to component
				Precondition: CLK_MFG_SUB_CO MP.
Oracle Bills of Material	Bills of Materials	Add_Mfg_Bill_ Main_Tab	Bills of Material	Precondition/Depende ncy: Create_Eng_Bill_Head er
				Desc: This component will enter data in main tab for bills of material. One of the navigation for the component: Manufacturing and Distribution manager, Bills Of Material , Bills, Bills.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Bills of Material	Bills of Materials	Clk_ENG_Ref_ Designators	Engineering Bills of Material	Click on Designators button Precondition: ADD_ENG_BILL_CO MP.
Oracle Bills of Material	Bills of Materials	Clk_ENG_Subst itute_Comp	Engineering Bills of Material	Click on Substitute Component button Precondition: ADD_ENG_BILL_CO MP.
Oracle Bills of Material	Bills of Materials	Create_Alternat es	Alternates	Desc: This component will create alternate by entering data into Alternate form and saving it. Nav: Manufacturing & Distribution Manger->Bills of Material ->Setup->Alternates.
Oracle Bills of Material	Bills of Materials	Create_Bill_Revi sion	Revision	This component is used to enter date in the revisions window of bills.
Oracle Bills of Material	Bills of Materials	Create_Eng_Bill _Header	Engineering Bills of Material	Precondition/Depende ncy: No. Desc: This component will create a bill of material header for engineering, with BOM enabled item. One of the navigation for the component: Manufacturing and Distribution manager, Engineering, Prototypes, Bills, Bills.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Bills of Material	Bills of Materials	Create_Mfg_Bill _Header	Bills of Material	Precondition/Dependency: No. Desc: This component will create a bill of material header , with BOM enabled item. One of the navigation for the component: Manufacturing and Distribution manager, Bills of Materials, Bills, Bills.
Oracle Bills of Material	Bills of Materials	Create_Mfg_Co mmon_Bill	Create Common Bills	Precondition/Dependency: Item with a bill needs to be created. Desc: This component will create a common bill for Items from source organization to destination organization. One of the navigation for the component: Manufacturing and Distribution manager, Bills Of Material, Bills, Bills.
Oracle Bills of Material	Bills of Materials	Del_MFG_Bill_ Comps	Bills	Delete Components of a Manufacturing Bill.
Oracle Bills of Material	Bills of Materials	Del_MFG_Bill_ Rout_Item	Bills	Delete Manufacturing Bill
Oracle Bills of Material	Bills of Materials	Del_MFG_Bill_ Rout_Oper	Deletion Groups, Operations	This component will delete manufacturing bill routing operations.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Bills of Material	Bills of Materials	Query_MFG_Bill_Header	Bills of Material	Query Bill of Material header Precondition: CRT_MFG_BILL_HEADER.
Oracle Bills of Material	Bills of Materials	Upd_Operation _Competencies	-	To update the operation competency details .
Oracle Bills of Material	Bills of Materials	Update_BOM_P arameters	-	Update BOM Parameters.
Oracle Bills of Material	Bills of Materials	Update_Mfg_Bill	Bills of Material	To update BOM
Oracle Bills of Material	Bills of Materials	Verify_ENG_Bill_Comp_Details	ENG,BILL, ADDl	Verify a Bill of Material component with BOM enabled Item.
Oracle Bills of Material	Bills of Materials	Verify_Eng_Bill _Header	Engineering Bills of Material	Precondition/Dependency: Create_Eng_Bill_Header. Desc: This component will verify data in header for engineering bill. One of the navigation for the component: Manufacturing and Distribution manager, Engineering, Prototypes, Bills, Bills.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Bills of Material	Bills of Materials	Verify_Eng_Bill _Main_Tab	Engineering Bills of Material	Precondition/Dependency: Add_Eng_Bill_Main_ Tab.
				Desc: This component will verify data of main tab in header for engineering bill. One of the navigation for the component: Manufacturing and Distribution manager, Engineering, Prototypes, Bills, Bills.
Oracle Bills of Material	Bills of Materials	Verify_Eng_Bill _Mat_Control	Engineering Bills of Material	Precondition/Dependency: Add_Eng_Bill_Mat_C ontrol_Tab.
				Desc: This component will verify data of material control tab in header for engineering bill. One of the navigation for the component: Manufacturing and Distribution manager, Engineering, Prototypes, Bills, Bills.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Bills of Material	Routing	Add_Resource_To_Department	Setup, Resources	Precondition/Dependency: Create_Department. Desc: This component will attach a resource to a department and provide the resource details. One of the navigation for the component: Manufacturing and Distribution manager, Bills of materials, Routings, Departments.
Oracle Bills of Material	Routing	Add_Shifts_To_Resouce	Shifts	This component will add shift information to resources.
Oracle Bills of Material	Routing	Clk_MFG_Rout_Details_Btn	Routings	Click Routing Button in Routing form Precondition: QRY_MFG_ROUT_HDR
Oracle Bills of Material	Routing	Copy_Routing	-	Copy Routing.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Bills of Material	Routing	Create_Common_Routing	Routing	Precondition/Dependency: Create_Mfg_Routing_Header. Desc: This component will attach routing information to an item, that is common to a other item. One of the navigation for the component: Manufacturing and Distribution manager, Bills of materials, Routings, Routings.
Oracle Bills of Material	Routing	Create_Department	Departments	Precondition/Dependency: No Desc: This component will create a department for bills of materials. One of the navigation for the component: Manufacturing and Distribution manager, Bills of materials, Routings, Departments..
Oracle Bills of Material	Routing	Create_Mfg_Routing_Header	Routings	Precondition/Dependency: No Desc: This component will create routing header infromation in bills of materials. One of the navigation for the component: Manufacturing and Distribution manager, Bills of materials, Routings, Routings.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Bills of Material	Routing	Enter_MFG_Routing_Details	-	Launching Routing details form where user can enter Sub inventory,priority, Comments Etc. Precondition: CLK_MFG_ROUT_DE TAILS_BUT
Oracle Bills of Material	Routing	Enter_Mfg_Routing_Operations	Routings	Precondition/Dependency: Create_Mfg_Routing_Header. Desc: This component will enter data in the main tab for routing information for bills of materials. One of the navigation for the component: Manufacturing and Distribution manager, Bills of materials, Routings, Routings.
Oracle Bills of Material	Routing	Query_MFG_Routing_Header	-	Querying the routing header in bill of materials.
Oracle Bills of Material	Routing	Query_Routing_Department-	-	This component will query Routing departments as per the provided inputs.
Oracle Bills of Material	Routing	Verify_Routing_Operations	ROUTE, verify	Verify the routing operations for the routing header Manufacturing and Distribution Manager> Bills >Routings>Routings.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Bills of Material	Setup	Add_Resource_To_Department	Resources	Precondition/Dependency: Create_Department. Desc: This component will attach a resource to a department and provide the resource details. One of the navigation for the component: Manufacturing and Distribution manager, Bills of materials, Routings, Departments
Oracle Bills of Material	Setup	Create_Rout_Res_Header	Resource	Precondition/Dependency: No. Desc: This component will enter data for cost for resources and create routing resources. One of the navigation for the component: Manufacturing and Distribution manager, Bills of Materials, Routings, Resources.
Oracle Configure to Order	Transactions	Find_SupplyDocSupplyToOrder_WB	Order Details, Supplies For Sales Order	Order Details, Supplies For Sales Order.
Oracle Configure to Order	Transactions	Open_Configurator_from_SO	Open Configurator	Open Configurator from Sales Order.
Oracle Configure to Order	Transactions	Progress_Order_SO_Line	Progress Order	Progress Order for CTO SO Line.
Oracle Configure to Order	Transactions	Select_Config_Options	Select Options from Configurator	Select Options from Configurator.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Cost Management	AP Invoice	Crt_AP_Receipt _Invoice	APInovice	Creating AP Invoice for Receipt matching action in Invoice Workbench.
Oracle Cost Management	AR Invoice	Qury_AR_Invoi ce_Number	Transactions	Query AR invoice number from transactions.
Oracle Cost Management	AR Invoice	Qury_Intercom pa_AP_Invoice	Invoice Workbench	Query inter company AP invoices from workbench
Oracle Cost Management	Cost of Goods Sold	Query_Material _Transaction	Material Transaction	Querying material transaction form in 'Find Material Transactions.
Oracle Cost Management	Encumbra nce	Enter_Encumbu rance	Enter Encumbrances	To post the encumbrance details in General Ledger by submitting a request internally.
Oracle Cost Management	Encumbra nce	Querying_Fund s_Inquiry	Funds Available Inquiry	Querying Funds Inquiry.
Oracle Cost Management	Encumbra nce	Verif_Funds_In quiry_Distribu	Accounting Entries Details	Verifying Funds Inquiry Distributions.
Oracle Cost Management	Encumbra nce	Verify_Review_ Journal	Journals	To verify the journals distribution.
Oracle Cost Management	Invoice Price Variance	Verifying_Item_ Cost	Item Cost, Summary	Verifying the Item cost.
Oracle Cost Management	Journal Entries	Find_Journal	Find Journals	To query journal.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Cost Management	Journal Entries	Revenue_Account_Sales_Credit	Revenue Accounting And Sales Credits	Enter revenue accounting and sales credits details.
Oracle Cost Management	Journal Entries	Verify_Journal_Entries	Subledger Journal Entry Lines	Enter subledger journal entry details.
Oracle Cost Management	Landed Cost Management	Querying_Receipt_Distributions	Distributions	Querying the Receipt Distributions in 'Find Receiving Transactions'.
Oracle Cost Management	Landed Cost Management	Verify_Receipt_Distributions_Srch	Distributions	Verifying the Receipt Distributions in 'Subledger Journal Entry Lines'.
Oracle Cost Management	Material Distributions	Query_Material_Distribu_Direct	Material Transaction Distribution	Querying the Material Distributions Directly.
Oracle Cost Management	Material Distributions	Query_Verify_Material_Distb	Material Transaction Distributions	To query material transaction and verify its details in material transaction distributions window.
Oracle Cost Management	Material Distributions	Verify_Material_Distribution	Distributions	Verifying the Material Distributions in 'Material Transaction Distributions'.
Oracle Cost Management	Period End Accr Reconcil	Qurery_Period_end_Acc_Distr	Receiving Accounting Events	Querying Period end Accrual Distributions.
Oracle Cost Management	Period End Accr Reconcil	Verif_Period_end_Acc_Distribut	Distributions	Verifying Period end Accrual Distributions.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Cost Management	Periodic Average Costing	Querying_PAC_Distrib_Intr_Ship	Find Transactions	Querying PAC Distributions for Intr Ship.
Oracle Cost Management	Periodic Average Costing	Verify_PAC_Distributions	View Material Accounting	Verifying PAC Distributions.
Oracle Cost Management	Report	Standard_Cost_Update	Inventory Adjustment Account	Standard cost update
Oracle Cost Management	Report	Wait_For_Concurrent_Request	Concurrent Request	Wait until the concurrent request status turns to complete.
Oracle Cost Management	Work In Progress	Define_Cst_For_Cst Type_Pendg	SETUPCOMP, Item Cost	Defining Cost of Item in 'Item Costs Summary'
Oracle Cost Management	Work In Progress	Defining_StandardCost_For_Item	Item Cost Summary	Defining Standard Cost for item
Oracle Cost Management	Work In Progress	Querying_Resource_Distribution	Distributions	Querying Resorce Distributions in 'View Resource Transactions'.
Oracle Cost Management	Work In Progress	Verify_Resource_Distribution	Distributions	To verify the costing resource distribution in 'WIP Transaction Distributions'.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Engineering	Copy or Transfer	Copy_Eco_To_Mfg	Copy Engineering Data	Precondition/Dependency: Create_Eco_Hdr. Desc: This component will copy eco information all the lines and header to a new eco. One of the navigation for the component: Manufacturing and Distribution manager, Engineering,Ecos, Ecos..
Oracle Engineering	Copy or Transfer	Copy_To_MFG	Copy to Manufacturing	This component will copy item to manufacturing..
Oracle Engineering	Copy or Transfer	ECO_Transfer_To_MFG	Transfer Engineering Data	Desc: This component will transfer existing eco item to manufacturing. Precondition: CRT_ECO_HEADER_MANUAL.
Oracle Engineering	Copy or Transfer	Transfer_To_Mfg	Transferring to Manufacturing	Precondition/Dependency: Create_Item_Main. Desc: This component will transfer an item bill from engineering to manufacturing. One of the navigation for the component: Manufacturing and Distribution manager, Prototypes, Transfer to manufacturing..

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Engineering	Copy or Transfer	Transfer_To_Mfg_Details	Details of Transferring Item/Bill/Routing from Eng to Mfg	Details of Transferring Item/Bill/Routing from Eng to Mfg.
Oracle Engineering	ECO	Add_Change_Type_Process	Engineering, Change Type	Add change type process.
Oracle Engineering	ECO	Create_Eco_Hdr	Engineering Change Orders	Precondition/Dependency: No. Desc: This component will enter header data in engineering change order form and will create a eco . One of the navigation for the component: Manufacturing and Distribution manager, Engineering, Ecos, Ecos..
Oracle Engineering	ECO	Create_Revised_Components	Revised Components	Precondition/Dependency: Create_Eco_Hdr. Desc: This component will enter data in main tab of revised component form, for engineering eco. One of the navigation for the component: Manufacturing and Distribution manager, Engineering, Ecos, Ecos..

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Engineering	ECO	Create_Revised _Item	Revised Items	Precondition/Dependency: Create_Eco_Hdr. Desc: This component will enter data in main tab of revised item form, for engineering eco. One of the navigation for the component: Manufacturing and Distribution manager, Engineering, Ecos, Ecos..
Oracle Engineering	ECO	Create_Revised _Operations	Revised Operations	Precondition/Dependency: Create_Revised_Item. Desc: This component will enter data in all tabs of revised operations form, for engineering eco. One of the navigation for the component: Manufacturing and Distribution manager, Engineering, Ecos, Ecos..
Oracle Engineering	ECO	Create_Update_ Change_Type	Engineering, Change Type	Create Change Type

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Engineering	ECO	Get_Eco_Implement_Req_Id	Engineering Change Orders	Precondition/Dependency: Create_Eco_Hdr. Desc: This component will extract the eco request number from the status bar, generated after implementing the eco. One of the navigation for the component: Manufacturing and Distribution manager, Engineering, Ecos, Ecos.
Oracle Engineering	ECO	Query_Eco_Header	Engineering Change Orders	Precondition/Dependency: Create_Eco_Hdr. Desc: This component will query and give result for an existing eco. One of the navigation for the component: Manufacturing and Distribution manager, Engineering, Ecos, Ecos.
Oracle Engineering	ECO	Verify_Eco_Header	Engineering Change Orders	Precondition/Dependency: Create_Eco_Hdr. Desc: This component will verify the input data, with the expected data in the engineering change order form. One of the navigation for the component: Manufacturing and Distribution manager, Engineering, Ecos, Ecos.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Engineering	Mass Change	Create_Mass_Change_Bill_Header	Mass Change Bills	Precondition/Dependency: No. Desc: This component used create a bill header for mass change. One of the navigation for the component: Manufacturing and Distribution manager, Engineering, Ecos, Mass Changes.
Oracle Engineering	Mass Change	Create_Mass_Change_Report	Mass Change Bills	Precondition/Dependency: No. Desc: This component used to generate report or create ECO and submit. One of the navigation for the component: Manufacturing and Distribution manager, Engineering, Ecos, Mass Changes.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Engineering	Mass Change	Create_Mass_Component_Change	Component Changes	Precondition/Dependency: Create_Mass_Change_Bill_Header. Desc: This component used to enter date in component changes form in all tabs for mass change bill header. One of the navigation for the component: Manufacturing and Distribution manager, Engineering, Ecos, Mass Changes.
Oracle Flow Manufacturing	FLM Setup	Assign_Line_Rules	-	This is used for assigning the production lines to Rule. This will launch a new Page.
Oracle Flow Manufacturing	FLM Setup	Click_Seq_Rule_Subtab	SETUPCOMP	On clicking this tab, this will launch Sequence Rule Sub Tab.
Oracle Flow Manufacturing	FLM Setup	Click_Setup_Subtab	-	On clicking this tab, this will launch Sequence Attributes Sub Tab.
Oracle Flow Manufacturing	FLM Setup	Create_Seq_Constraint_Cmpavl	-	This is used for creating constraints of type Component Availability.
Oracle Flow Manufacturing	FLM Setup	Create_Seq_Rule	-	This is used for creating the Sequence Rule Header Information.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Flow Manufacturing	FLM Setup	Create_Sequential_Attributes	SETUPCOMP	This is used for Creating a Sequence Attribute of Type Component, Flow Schedule property, Item catagory, sales order Propery and Buttons which are present in the Sequence Attributes.
Oracle Flow Manufacturing	FLM Setup	Def_Prod_Line_Tol_Fence	SETUPCOMP	This component is used to define new Production Line and tolerance fence of line.
Oracle Flow Manufacturing	FLM Setup	Def_Rout_Event_Resource	Standard Events	This component is used to define Standard Line Operation, Click Event Resource Button.
Oracle Flow Manufacturing	FLM Setup	Def_Std_Lop_Event_Res	Resources	This component is used to assign Resources to Events.
Oracle Flow Manufacturing	FLM Setup	Define_Flow_Routing	Routings	This component is used to create Routing by selecting each LOV (All Events, Line Operations, Process) and enter all details. And for Clicking Routing Button.
Oracle Flow Manufacturing	FLM Setup	Define_Standard_LineOperation	SETUPCOMP	This component is used to define Standard Line Operation.
Oracle Flow Manufacturing	FLM Setup	Define_Standard_Process	SETUPCOMP	This component is used to define Standard Process.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Flow Manufacturing	FLM Setup	Search_Seq_Rules	-	This is used for Searching Existing Rules in Sequence Rules page.
Oracle Flow Manufacturing	Flow Sch Creation Forms	Click_Flow_Schedule_Details	Flow Schedule Summary	This component is used to click Details button.
Oracle Flow Manufacturing	Flow Sch Creation Forms	Create_Flow_Schedule_Details	Flow Schedule Details	This lists all the schedule details form. Some of the Columns are hidden. User need to un hide them from Tools -> Show Field.
Oracle Flow Manufacturing	Flow Sch Creation Forms	Create_Flow_Schedule_Details_Forms	Flow Schedule Details	This lists all the schedule details form. Some of the Columns are hidden. User need to un hide them from Tools -> Show Field.
Oracle Flow Manufacturing	Flow Sch Creation Forms	Open_LSWB_Options	Line Scheduling Workbench Options	This small pop up window will launch , user has to query the Line & say Ok. This is Filter Criteria for launching Schedule Details. Also user can Click on Un Schedule Orders & Flow Schedule Summary buttons.
Oracle Flow Manufacturing	Flow Txns in Forms	Complete_WOL_Txn	-	This is to Complete Work Order Less Completion for Lot & Serial Assembly, Plain Assembly for Flow Schedule. Also to click Retrieve Schedule Button.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Flow Manufacturing	Flow Txns in Forms	Find_Sch_For_Comp_Pick_Release	-	To find the Schedules for Component Pick Release.
Oracle Flow Manufacturing	Flow Txns in Forms	Release_Components	-	This is to Release Components picked. This will pop as a Message with Move Order Number which is to be captured. This is similar to WIP Component Release""COMP_PICK_RELEASE""To perform component pick release for flow schedule and capture the move order number.
Oracle Flow Manufacturing	Flow Txns in Forms	Verify_Flow_Sch_Details_Form	Line Scheduling Workbench Options	This component is used to verify the Flow Schedule details.
Oracle Flow Manufacturing	Flow Txns in OAF	Backflush_Component_Lot_Ser	Complete Schedule: Quality and Component Details	This component is used for Back flushing components when there are any lot & serial components. Lot, Serial fields will be populated.
Oracle Flow Manufacturing	Flow Txns in OAF	Click_Mul_Lsr_Component_Btn	Add Lot and Serial	This component is used to clicks on the buttons in Add lot and serial page depending on the requirement..
Oracle Flow Manufacturing	Flow Txns in OAF	Complete_Flow_Schedules	Work Queue	This component is used to Complete Flow Schedule in OAF.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Flow Manufacturing	Flow Txns in OAF	Complete_Line_ Operation	-	This Is used to Complete Line Operation. User can select the Destination Operation sequence and can Apply. Assembly will be moved to next Operation.
Oracle Flow Manufacturing	Flow Txns in OAF	Enter_Assy_Lot _Ser_Info	Complete Schedule: Quality and Component Details	This component is used for Entering Assembly Lot & Serial Information. User can generate Lot & Serial Numbers for the Assembly.
Oracle Flow Manufacturing	Flow Txns in OAF	Enter_Mul_Lot_ Seri_Compon_I nfo	Add Lot and Serial	This component is used for Issuing Multiple Lot/Serial for a component.
Oracle Flow Manufacturing	Flow Txns in OAF	Enter_Quality_ Details	Complete Schedule: Quality and Component Details	This component is used for the Quality Plan section to Expands All, Collapse All.
Oracle Flow Manufacturing	Flow Txns in OAF	Enter_Quality_ Results_LOP	-	This is Used for Entering Quality Results for Line Operation Completion.
Oracle Flow Manufacturing	Flow Txns in OAF	Go_To_Compon ents_Tab	-	Click Components Tab would lead to details of Component. User can click Kanban Card Icon where in Card Details can be viewed.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Flow Manufacturing	Flow Txns in OAF	Open_Flow_Sch edule_page	Oracle Applications, Flow Execution Workstation, Work Queue, Sequencing Tasks, Sequencing Attributes	This component is used for the Open Flow Schedule page in OAF.
Oracle Flow Manufacturing	Flow Txns in OAF	Replenish_Kanb an_Cards	-	We can replenish components which are available.
Oracle Flow Manufacturing	Flow sch Creation OAF	Click_Seq_Task _Hyperlink	-	This is used to see successful completion of Sequencing Task request.
Oracle Flow Manufacturing	Flow sch Creation OAF	Create_Seq_Tas ks	-	This is used to Create Sequencing Task.
Oracle Flow Manufacturing	Flow sch Creation OAF	Search_Seq_Sch edules	-	This is used to Search the Existing Sequence schedules.
Oracle Flow Manufacturing	Flow sch Creation OAF	Select_Line_N_F ilter_Demand	-	This is used to filter the Demands.
Oracle Flow Manufacturing	Flow sch Creation OAF	Submit_Sequenc ial_Task--	-	This is used for splitting the sales order, update, move across lines, and submitting the task.
Oracle Flow Manufacturing	Flow sch Creation OAF	Update_Sequen cing_Rule	-	This is used for Updating Sequence Rule.
Oracle Flow Manufacturing	Kanban Set up	Create_Pull_Seq uence	SETUPCOMP	To create pull sequences.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Flow Manufacturing	Kanban Set up	Find_Create_Pu ll_Sequence	-	To find existing Pull sequence by giving the query criteria or to click new Button.
Oracle Flow Manufacturing	Kanban Set up	Update_Kanban _Card_Status		Change Kanban Card status
Oracle Flow Manufacturing	Kanban Set up	View_Kanban_ Card_Summary		To view Kanban Card Summary
Oracle Item Master	Item Actions	Add_Item_Seria l_Tagging_Txn	Master Item, Serial Tagging	Add serial tagging transaction type for item
Oracle Item Master	Item Actions	Assign_Item_Al l_Org	Master Items	Precondition/Depende ncy: Create_Item_Main Desc: This component will assign Master items to all the organizations. One of the navigation for the component: Manufacturing and Distribution manager, Inventory, Items, Master Items
Oracle Item Master	Item Actions	Assign_Item_Ca tegories	Category Assignment	Precondition/Depende ncy: Create_Item_Main Desc: This component will enter data in Category Assignment and assign a category to a master item. One of the navigation for the component: Order management super user vision operations, Inventory, Items, Master Items

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Item Master	Item Actions	Assign_Item_Org	Master Item	Precondition/Dependency: Create_Item_Main Desc: This component will assign the specified master item to an organizations. One of the navigation for the component: Order management super user vision operations, Inventory, Items, Master Items.
Oracle Item Master	Item Actions	Define_Customer_Item	Customer Items Detail	To define customer items, in this window, you can create or update customer items.
Oracle Item Master	Item Actions	Define_Customer_Item_Cross_Ref	Customer Item Cross References	To define a customer item cross reference Precondition: Define_Customer_Item.
Oracle Item Master	Item Actions	Find_Customer_Item_Cross_Ref	Find Customer Item	To find customer item cross reference.
Oracle Item Master	Master Items	Copy_Item_Apply_Temp_Done	Master Item	Precondition/Dependency: Create_Item_Main. Desc: This component will apply template to master item. One of the navigation for the component: Order management super user vision operations, Inventory, Items, Master Items.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Item Master	Master Items	Create_Item_Main	Master Item	Precondition/Dependency: No. Desc: This component will create a master item. One of the navigation for the component: Order management super user vision operations, Inventory, Items, Master Items.
Oracle Item Master	Master Items	Define_Item_Revisions	Master Item	Precondition/Dependency: Create_Item_Main. Desc: This component will define a particular version of an item. One of the navigation for the component: Order management super user vision operations, Inventory, Items, Master Items.
Oracle Item Master	Master Items	Query_Item_Main	Master Item	Precondition/Dependency: Create_Item_Main. Desc: This component will query an item in master item form with the item name. One of the navigation for the component: Order management super user vision operations, Inventory, Items, Master Items.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Item Master	Master Items	Upd_Master_Item_ Genplg_Tab	Master Items	Precondition/Dependency: Create_Item_Main. Desc: This component will update master items general planning tab. One of the navigation for the component: Manufacturing and Distribution manager, Inventory, Items, Master Items
Oracle Item Master	Master Items	Upd_Master_Item_Costing_Tab	Master Items	Precondition/Dependency: Create_Item_Main. Desc: This component will update master items costing tab. One of the navigation for the component: Manufacturing and Distribution manager, Inventory, Items, Master Items.
Oracle Item Master	Master Items	Upd_Master_Item_Inv_Tab	Master Items	Precondition/Dependency: Create_Item_Main. Desc: This component will update master items inventory tab. One of the navigation for the component: Manufacturing and Distribution manager, Inventory, Items, Master Items.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Item Master	Master Items	Upd_Master_Item_Invc_Tab	Master Items	Precondition/Dependency: Create_Item_Main. Desc: This component will update master items invoicing tab. One of the navigation for the component: Manufacturing and Distribution manager, Inventory, Items, Master Items
Oracle Item Master	Master Items	Upd_Master_Item_Mpsmrp_Tab	Master Items	Precondition/Dependency: Create_Item_Main. Desc: This component will update master items MSP/MRP planning tab. One of the navigation for the component: Manufacturing and Distribution manager, Inventory, Items, Master Items
Oracle Item Master	Master Items	Upd_Master_Item_OM_Tab	Master Items	Precondition/Dependency: Create_Item_Main. Desc: This component will update master items order management tab. One of the navigation for the component: Manufacturing and Distribution manager, Inventory, Items, Master Items.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Item Master	Master Items	Upd_Master_Item_Pur_Tab	Master Items	Precondition/Dependency: Create_Item_Main. Desc: This component will update master items purchasing tab. One of the navigation for the component: Manufacturing and Distribution manager, Inventory, Items, Master Item.
Oracle Item Master	Master Items	Upd_Master_Item_Ser_Tab	Master Items	Precondition/Dependency: Create_Item_Main. Desc: This component will update master items service tab. One of the navigation for the component: Manufacturing and Distribution manager, Inventory, Items, Master Item
Oracle Item Master	Master Items	Upd_Master_Item_WIP_Tab	Master Item	Update Master Items - WIP tab Precondition: CRT_MASTER_ITEM_MAIN
Oracle Item Master	Master Items	Upd_Master_Itm_Process_Mfg_Tab	Master Items	Desc: This component will update master items process manufacturing tab. One of the navigation for the component: Manufacturing and Distribution manager (Process Operations), Inventory, Items, Master Items.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Item Master	Master Items	Verify_Item_Main	Master Items	Precondition/Dependency: Create_Item_Main. Desc: This component will verify expected data to the present data in master item header. One of the navigation for the component: Manufacturing and Distribution manager, Inventory, Items, Master Item
Oracle Item Master	Org Items	Find_Organization_Items	Find Organization Item	Precondition/Dependency: Assign_Item_Org. Desc: This component will search organization item based on the input in Find Organization Item form . One of the navigation for the component: Manufacturing and Distribution manager (Process Operations), Inventory, Items, Organization Items.
Oracle Item Master	Org Items	Itm_Upd_Org_Item_Inv_Tab	Org Items, Inventory	Update Org Items - Inventory tab.
Oracle Item Master	Org Items	Itm_Upd_Org_Item_Ldtime_Tab	Org Items, Lead Times, Organization Item	Enter details in Lead times tab in Organization Item form.
Oracle Item Master	Org Items	Itm_Upd_Org_Item_Pur_Tab	Org Items, Purchasing	Update Org Items - Purchasing tab.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Manufacturing Execution Systems for Discrete Manufacturing	MES Parameters	Set_MES_Admin_Level	SETUPCOMP	Set level for update of MES System Parameters.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	MES Parameters	Upd_Default_Intra_Op_Step	SETUPCOMP	Update the MES System Parameter "Default Intra Op Step".
Oracle Manufacturing Execution Systems for Discrete Manufacturing	MES Parameters	Upd_Dept_Access	SETUPCOMP	Update the MES System Parameter "Departmental Access".
Oracle Manufacturing Execution Systems for Discrete Manufacturing	MES Parameters	Upd_Par_Component_Availability	MES Parameter, Component Availability	To update MES Parameter: Component Availability
Oracle Manufacturing Execution Systems for Discrete Manufacturing	MES Parameters	Upd_Par_Global_Actions	Update Parameter	Update the MES System Parameter "Job Operation Actions".
Oracle Manufacturing Execution Systems for Discrete Manufacturing	MES Parameters	Upd_Par_Include_Complete_Qty	SETUPCOMP	Update the MES System Parameter "Include Complete Qty in Dispatch List".

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Manufacturing Execution Systems for Discrete Manufacturing	MES Parameters	Upd_Par_Job_S elction_Mode	SETUPCOMP	Update the MES System Parameter "Job Operation Actions"
Oracle Manufacturing Execution Systems for Discrete Manufacturing	MES Parameters	Upd_Par_Jobop _Actions	SETUPCOMP	1) Update the MES System Parameter "Job Operation Actions" 2) Select the Button Actions and Choice List Actions 3) Apply changes made to MES System Parameter "Job Operation Actions".
Oracle Manufacturing Execution Systems for Discrete Manufacturing	MES Parameters	Upd_Par_Oprtr _Skills_Validatn	SETUPCOMP	Update the MES System Parameter "Operator Skill Validation".
Oracle Manufacturing Execution Systems for Discrete Manufacturing	MES Parameters	Upd_Par_Single _User_Mode	SETUPCOMP	Update the MES System Parameter "Single User Mode".
Oracle Manufacturing Execution Systems for Discrete Manufacturing	MES Parameters	Upd_Par_Time_ Entry_Mode	SETUPCOMP	Update the MES System Parameter "Time Entry Mode".

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Manufacturing Execution Systems for Discrete Manufacturing	MES Parameters	Upd_Req_Badge_Move_Transx	SETUPCOMP	Update the MES System Parameter "Require Badge Number for Move Transaction".
Oracle Manufacturing Execution Systems for Discrete Manufacturing	MES Parameters	Upd_Supervisor_Dashboard_View	SETUPCOMP	Update the MES System Parameter "Supervisor Dashboard View".
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Click_Serial_MES_Operator	-	Click Serialized icon for the Job Operation selected.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Compl_Assly_MES_Oprtr	Complete Assembly: Transaction	This component is used to enter details for performing Complete Assembly Transaction and click Finish(not Continue).
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Complete_MES_Serial_Assembly	Complete Serial	Enter details for performing Complete Transaction for Serialized Assembly.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Global_Actions_MES_Operator	MES Workstation	This component is used to select Global Actions for MES Operator.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Handle_Backflush_Comp_Ser_Assy	Serialized Transaction	This component is used to handle the backflush components while performing all serialized transactions.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Jobop_Axn_MES_Oprtr	MES Workstation	This component is used to select Job Operation from Dispatch List, enter Badge Number and click the Actions LOV.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Mass_Return_Comp_Serial_Assy	Mass Return	Mass Return Components for Serialized Assembly
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Move_Assly_MES_Oprtr	Move Assembly: Transaction	This component is used to enter details for performing Move Assembly and click either Continue or Finish.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Move_Compl_MES_Oprtr	-	Enter details for performing Complete Assembly Transaction and click Finish(not Continue).
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Move_MES_Serial_Assembly	Move Serial Assembly	Enter details for performing Move Transaction for Serialized Assembly.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Reject_Assly_MES_Oprtr	-	Enter details for performing Reject Assembly and click Finish/Continue.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Reject_Assy_Serial_MES_Oprtr	-	Enter details for performing Reject Assembly transaction for Serial Number.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Report_Exception_MES_Operator	-	Enter the details for Reporting Exception.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Report_My_Time_MES_Operator	-	Report My time from global actions.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Retn_Asmbl_MES_Operator	Return Assembly: Transaction	This component is used to enter details for performing Return Assembly Transaction and click Continue/Finish.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Return_Move_Assly_MES_Operator	Return and Move Assembly, Search Jobs, Return and Move Assembly: Detail, Search jobs or MES workstation	This component is used for the Return move assembly transaction.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Return_Reject_ MES_Serial_Opr tr	-	Enter details for performing Return from Reject Assembly transaction for Serial Number.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Return_Scrap_ MES_Serial_Opr tr	-	Enter details for performing Return from Scrap Assembly transaction for Serial Number.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Scrap_Asmbl_M ES_Operator	-	Enter details for performing Scrap Assembly Transaction and click Continue/Finish.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Scrap_Assy_Seri al_MES_Oprtr	-	Enter details for performing Scrap Assembly transaction for Serial Number.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Search_Assy_Se rial_Num_MES	Search Serial	Add Serial Number in Search Serial Number UI to perform further action.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Search_Job_ME S_Operator	Search Jobs	This component is used to enter Search Criteria and click Go to perform search.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Search_Jobop_ MES_Oprtr	MES Workstation	This component is used to enter Search Criteria and click Go to perform search.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Search_Serial_N umber_MES	Search Serial	Add Serial Number in Search Serial Number UI to perform further action.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Select_Job_Actio n_MES_Oprtr	Select_Job_Actio n_MES_Oprtr	Select Job, enter Badge Number, select Action from LOV and click Go.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Select_Serial_Ax n_MES_Operato r	-	Enter serial number, select action from Actions LOV and then click Go.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Startup_MES_O perator	MES Workstation	This component is used to enter Badge number, Department, resource and Employee.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Startup_MES_O perator_OAF	MES Workstation	This component is used to enter Badge number, Department, resource and Employee.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Transact_Comp _MES_Operator	-	Enter details for performing Component Transactions and click Apply.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Transact_Comp _in_Move	-	Transact Serialized components for Assembly.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Verify_ClockIn_ Details	-	This component is used to verify the ClockIn Details..
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Operator Actions	Verify_Jobop_D tls_MES_Oprtr	-	This component is used to verify the job details.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Supervisor Actions	Global_Actions_ MES_Superviso r	global actions	Global Actions for MES Supervisor.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Supervisor Actions	Search_Exceptio ns	MES, Search Exception	To search exceptions

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Supervisor Actions	Startup_MES_S upervisor	Startup Supervisor	Startup for MES Supervisor.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Supervisor Actions	Upd_Comp_ME S_Exception		Update Exception for Multiple Components
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Supervisor Actions	Upd_Comp_ME S_ViewEx	-	Update Exception for Multiple Components.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Supervisor Actions	Upd_Resource_ MES_Exception		Update Exception for Multiple Resources
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Supervisor Actions	Update_All_Exc eptions_MES	-	Update of all Exceptions from MES Operator.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Supervisor Actions	Verify_Exceptio n_Details	MES, Exceptions Details	To verify details in the Exception page.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Supervisor Actions	Verify_Exceptions_Summary	MES, Exceptions Summary	To verify the exception summary page.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Supervisor Actions	View_Comp_MES_Exception	-	View Exception for Component.
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Supervisor Actions	View_Component_Availability	MES, Component Availability	To verify the View Component Availability page
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Supervisor Actions	View_Other_MES_Exception	-	View Exception for Quality, Inprocess Assembly and Others .
Oracle Manufacturing Execution Systems for Discrete Manufacturing	Supervisor Actions	View_Resource_MES_Exception	-	View Exception for Resources.
Oracle Project Manufacturing	Setup	Crt_Project_Parameters	SCM,PJM, Project Parameters,CRT	Create Project Parameters for the Organization.
Oracle Project Manufacturing	Setup	Select_Project_Parameters	SCM,PJM, Project Parameters, Select	Select the way to view the Project Parameters form (by Project or by Organization).

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Quality	Enter Quality Results	Enter_Quality_Result_20Element	Enter Quality Result	Enter Quality Result for a collection plan with 20 elements.
Oracle Quality	Enter Quality Results	Find_Collection_Plan_Through_LOV	Find Collection Plan	To enter the collection plan and search it to enter results.
Oracle Quality	Enter Quality Results	Verify_Quality_Results	View Quality Results	To verify the Quality Results entered in "Enter Quality Results" form.
Oracle Quality	Quality - Setup	Add_Elements_To_Plan	SETUPCOMP	To add new elements to a Collection Plan.
Oracle Quality	Quality - Setup	Add_Plan_Transaction	SETUPCOMP	Add Transaction to Collection Plan.
Oracle Quality	Quality - Setup	Add_Plan_Txn_Triggers	SETUPCOMP	Add Transaction trigger to Collection Plan.
Oracle Quality	Quality - Setup	Confirm_Parent_Child_Relation	SETUPCOMP	This component is used to confirm the Parent Child collection plan relation ship
Oracle Quality	Quality - Setup	Copy_Collection_Plan_Elements	SETUPCOMP	To Copy Collection Plan elements from an existing collection plan.
Oracle Quality	Quality - Setup	Create_Parent_Child_Criteria	SETUPCOMP	Parent Child Collection Plan Setup-Criteria Setup
Oracle Quality	Quality - Setup	Create_Parent_Child_Element	SETUPCOMP	Parent Child Collection Plan Setup-Element Relationship

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Quality	Quality - Setup	Create_Parent_Child_Header	SETUPCOMP	Parent Child Collection Plan Setup-Plan Relationship
Oracle Quality	Quality - Setup	Create_Sampling_Plan	SETUPCOMP	Sampling Plan Setup.
Oracle Quality	Quality - Setup	Create_Sampling_Plan_Rules	SETUPCOMP	Sampling Plan rules creation.
Oracle Quality	Quality - Setup	Create_Update_Collection_Plan	SETUPCOMP	To create new collection plan/update an existing Collection Plan details.
Oracle Quality	Quality - Setup	Query_Collection_Plan	SETUPCOMP	To Query an existing Collection Plan.
Oracle Quality	Quality - Setup	Query_Plan_Elements	SETUPCOMP	Query Collection Plan Elements.
Oracle Quality	Quality - Setup	Update_Elements_Plan	SETUPCOMP	Updating the elements of collection plan.
Oracle Quality	Quality - Setup	Verify_Parent_Child_Element	Element Relationship	Parent Child Collection Plan Setup-Element Relationship.
Oracle Quality	Quality Workbench	Simple_Search_PO_Quality	Quality	PO Quality Simple Search
Oracle Quality	Sampling	Create_Sampling_Association	SETUPCOMP	To create Sampling association for the item, Sampling plan and Collection Plan.
Oracle Quality	Sampling	Create_Skip_Sampling_Criteria	SETUPCOMP	Create Skip Lot Sampling Criteria.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Quality	Skip Lot	Create_Skip_Lot _Association	SETUPCOMP	To create Skip Lot Association for the Item, Collection plan.
Oracle Quality	Skip Lot	Create_Skip_Lot _Process	SETUPCOMP	Create Skip Lot process.
Oracle Shop Floor Management	Co Products	Create_Co_Product	SETUPCOMP	Create Co Product (Header Details).
Oracle Shop Floor Management	Lot Based Jobs	Create_Lot_Based_Job	Find Lot Based Jobs	This component is used to Creation of Lot Based Job (Job number is system generated or user entered).
Oracle Shop Floor Management	Lot Based Jobs	Move_Lot_Based_Job	Move Lot Based Job	This component is used to Move Lot Based Jobs.
Oracle Shop Floor Management	Lot Transanctions	Create_Lots	-	Enter starting and resulting Lot Information to Create OSFM Lot.
Oracle Shop Floor Management	Lot Transanctions	Transact_Inv_Lot	-	Enter starting lot in Inventory Lot Transactions & Enter resulting lot in Inventory Lot Transactions.
Oracle Shop Floor Management	Lot Transanctions	Transact_WIP_Lot	-	For WIP Lot Transactions (Split, Merger, Bonus, Update Routing, Update Quantity, Update Lot Name, Update Assembly).

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Shop Floor Management	Network Routing	Create_Ntwk_Routing_Header	SETUPCOMP	Enter Header details for creating Network Routing.
Oracle Shop Floor Management	Network Routing	Enter_Ntwk_Routing_Dtls	-	Enter the Details for Network Routing.
Oracle Shop Floor Management	Network Routing	Enter_Ntwk_Routing_Oper_Dtls	SETUPCOMP	Enter the routing operations details for the Routing.
Oracle Shop Floor Management	Network Routing	Run_Lead_Time_Ntwrk_Routing	SETUPCOMP	Launch the Compute Lead Times Program from Network Routings Form.
Oracle Shop Floor Management	Network Routing	Verify_Lead_Times	-	Verify the Lead time Calculations. The Routing should be re-queried after the concurrent "Manufacturing Lead Time GUI" trigerred by the component "Run_Lead_Time_Ntwrk_Routing" completes.
Oracle Shop Floor Management	Operator Actions - HTML	Dispatch_List_Axn_OSFM_Oprtr	-	Select Job from Dispatch List and then click Action.
Oracle Shop Floor Management	Operator Actions - HTML	Jump_Operation_OSFM_Oprtr	-	Operator Jump Operation.
Oracle Shop Floor Management	Operator Actions - HTML	Merge_Txn_Dtl_OSFM_Oprtr	-	Enter details for Operator Merge Jobs Transaction.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Shop Floor Management	Operator Actions - HTML	Move_In_Dtl_O SFM_Oprtr	-	Provide details for completing Move In.
Oracle Shop Floor Management	Operator Actions - HTML	Move_In_Out_ OSFM_Oprtr	-	Click Move In for Job on Dispatch List.
Oracle Shop Floor Management	Operator Actions - HTML	Move_Out_Dtl_ OSFM_Oprtr	-	Click Move Out for Job on Dispatch List.
Oracle Shop Floor Management	Operator Actions - HTML	Split_Txn_Dtl_ OSFM_Oprtr	-	Enter details for Operator Split Job Transaction.
Oracle Shop Floor Management	Operator Actions - HTML	Undo_Move_OS FM_Oprtr	-	Enter details for performing Undo Move.
Oracle Shop Floor Management	Operator Actions - HTML	Upd_Lot_Name _OSFM_Oprtr	-	Provide details for Updating Lot Name.
Oracle Shop Floor Management	Setup	Set_OSFM_Para meters	SETUPCOMP	Set OSFM Parameters.
Oracle Shop Floor Management	Supervisor Actions	Change_Cntxt_ Res_OSFM_Sup rvsr	SETUPCOMP	Change Context action by Supervisor to Resource Based.
Oracle Shop Floor Management	Supervisor Actions	Change_Context _OSFM_Supervi sor	SETUPCOMP	Change Context action by OSFM Operator and Accept warning on changing context.
Oracle Shop Floor Management	Supervisor Actions	Change_Context _Op_OSFM_Op rtr	-	Enter details after changing Context by OSFM Supervisor to Operation Based.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Shop Floor Management	Supervisor Actions	Click_Trxn_Search_Job_Suprvsr	-	Navigate to Shop Floor Transactions tab (OSFM Supervisor) and search with operation and resource.
Oracle Shop Floor Management	Supervisor Actions	Dispatch_List_Axn_OSFM_Suprvsr	-	To select a lot based job.
Oracle Shop Floor Management	Supervisor Actions	Transact_Materials_Suprvsr	-	Transact Materials by OSFM Supervisor.
Oracle Shop Floor Management	Supervisor Actions	Update_Status_OSFM_Supervisor	-	To update current resource status by supervisor.
Oracle Shop Floor Management	Supervisor Actions	Ver_Cur_Res_Status_OSFM_Suprvr	-	To verify the current resource status.
Oracle Work in Process	Completion Txns	Close_Discrete_Job_Form	Find Discrete Jobs,Close Discrete Job	Query Discrete Job and Launch Close Request From Tools.
Oracle Work in Process	Completion Txns	Complete_Job_Txn	Completion Transaction,WIP Completion	This component is used perform Completion of Discrete Job.
Oracle Work in Process	Component Pick Release	Find_Job_Comp_Pickrelease	Find Discrete Jobs,Component Pick Release	Find Discrete Jobs for Component Pick Release.
Oracle Work in Process	Component Pick Release	Release_Components	Component Pick Release	Release Components which are picked.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Work in Process	Costing	Find_Job_WIPValueSummary	Find WIP Jobs and Schedules, WIP Jobs and Schedules	This component is to query the Discrete Job WIP Value Summary.
Oracle Work in Process	Costing	Verify_WIP_Txn_Distributions	WIP, Distributions	This component is used to verify WIP Transactions Distributions.
Oracle Work in Process	Costing	Verify_WIP_Value_Summary	WIP Job and Schedules,WIP Value Summary	This component is to check WIP Value Summary of a Discrete Job.
Oracle Work in Process	Material Issue Txns	Issue_Materials	Material Transactions, WIP Issue	This component is used to issue Components for a Discrete Job for Push supply type items. Lot & Serial componets can be called here.
Oracle Work in Process	Move Txns	Backflush_LotSerial_Components	Backflush, Move Transactions	This component is used to Backflush (issue) the Lot Serial Components during Move and Move & Complete Transactions.
Oracle Work in Process	Move Txns	Move_Discrete_Job	Move Transactions	This component is used to Move Discrete Job from one Operation to another. We can do Scrap, Reject, Move & Complete Transactions as well.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Work in Process	Move Txns	Move_Discrete_Job_Wth_QA	Move Transactions	This component is used to Move Discrete Job from one Operation to another. We can do Scrap, Reject, Move & Complete Transactions as well.
Oracle Work in Process	Repetitive Schedules	Associate_Repetitive_Line_Assy	SETUPCOMP	This is for linking the Line with Assembly for repetitive schedules.
Oracle Work in Process	Repetitive Schedules	Create_Repetitive_Schedule	Repetitive Schedules	This is Used for Creating a Schedule, Releasing & updating
Oracle Work in Process	Repetitive Schedules	Find_Repetitive_Schedule	Find Repetitive Schedule	Find repetitive Schedule from the Find Repetitive Schedule form.
Oracle Work in Process	Repetitive Schedules	Ver_Repetitive_Sch_Operations	View Repetitive Schedules Summary	To verify Repetitive Schedule Operations.
Oracle Work in Process	Resource Txns	Transact_Resources	Resource Transaction	This component is used to transact WIP Resources.
Oracle Work in Process	Resource Txns	View_Resource_Transaction	Find View Resource Transaction	To View WIP Resource Transaction.
Oracle Work in Process	Simulate Discrete Job	Simulate_Discrete_Job	Simulate Discrete Jobs	This is to simulate the jobs,by passing the assembly name and quantity ,start date.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Work in Process	WIP Setup	Create_Production_Line	SETUPCOMP	Defining Production Lines (Used for Repetitive Schedules) and setting up Tolerance Fences.
Oracle Work in Process	WIP Setup	Define_WIP_Parameters	SETUPCOMP	To define and update WIP Parameters.
Oracle Work in Process	Work Order Definition	Associate_SerialNumber_To_Job	Discrete Job, Associate Serial Numbers, Generate Serial Numbers	This component is used to associate Serial Number to a Serialized Discrete Job.
Oracle Work in Process	Work Order Definition	Create_Update_Discrete_Job	Discrete Jobs, Schedule Discrete Job	This component is used to create new Discrete Standard or Non-Standard Job (System generated number or user defined), and to perform scheduling for a Discrete Job.
Oracle Work in Process	Work Order Definition	FindJob_Or_Click_NewJob	Find Discrete Jobs, Discrete Jobs	Creation of Discrete Job by clicking on New button and also to Find Job from Find Discrete Job form.
Oracle Work in Process	Work Order Definition	Link_SalesOrder_To_Job	Discrete Jobs, Sales Orders	This is to link Sales Orders to a Discrete Job (reservation).
Oracle Work in Process	Work Order Definition	Query_Req_No_in_UpdateNeedbyDt	Operations	From Update Job Operations, from Tools, Go to Update PO Need by Date form and query the Purchase Requisition Number.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Work in Process	Work Order Definition	Upd_Del_Job_Components	Material Requirements	To delete component for job.
Oracle Work in Process	Work Order Definition	Upd_Del_Job_Operations	Operations	To delete operations for jobs.
Oracle Work in Process	Work Order Definition	Update_Job_Components	SETUPCOMP	To update and/or add Components to the existing Job.
Oracle Work in Process	Work Order Definition	Update_Job_Operations	SETUPCOMP	To update and/or add Operations to the existing Job.
Oracle Work in Process	Work Order Definition	Update_Res_Instances	Resource Requirements, Resource Instances	Update the instance name for the job.
Oracle Work in Process	Work Order Definition	Update_Res_Requirement	Resource Requirements	To update resources for the operations of existing job.
Oracle Work in Process	Work Order Definition	Verify_Discrete_Job_Info	Discrete Jobs	To verify the job status and completion date in discrete job info form.
Oracle Work in Process	Work Order Definition	Verify_Discrete_Job_Material	Discrete Jobs, Material Requirements	Querying the Created Discrete Job, verifying the Operation Details & checking the Quantity in Queue for released status Jobs.
Oracle Work in Process	Work Order Definition	Verify_Discrete_Job_Operations	Operations, Discrete Job	This component is used to verify the details of Discrete Job Operations.

Product Name	Feature Name	Component Name	Search Tags	Description
Oracle Work in Process	Work Order Definition	Verify_Discrete_Job_Summary	Discrete Job Summary	This component is used to verify discrete job summary details
Oracle Work in Process	Work Order Definition	Verify_Operation_Resources	Operation resource	This component is used to verify the resources of a particular resource.