Create and Update Discrete Jobs

Student Guide

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Profile

Before You Begin This Course

Before you begin this course, you should have the following qualifications:

- Thorough knowledge of *<insert information specific to this course>*
- Working experience with *<insert information specific to this course>*

Prerequisites

- <*insert prerequisites from the course description, including any suggested preparation courses*>
- *<if there are no prerequisites, insert the following sentence:>* There are no prerequisites for this course.

How This Course Is Organized

<Course Title> is an instructor-led course featuring lecture and hands-on exercises. Online demonstrations and written practice sessions reinforce the concepts and skills introduced.

Related Publications

Oracle Publications

Title	Part Number
<insert></insert>	Axxxxxx

Additional Publications

- System release bulletins
- Installation and user's guides
- *read.me* files
- Oracle Applications User's Group (OAUG) articles
- Oracle Magazine

Typographic Conventions

Typographic Conventions in Text

Convention	Element	Example
Bold italic	Glossary term (if there is a glossary)	The <i>algorithm</i> inserts the new key.
Caps and lowercase	Buttons, check boxes, triggers, windows	Click the Executable button. Select the Can't Delete Card check box. Assign a When-Validate-Item trigger to the ORD block. Open the Master Schedule window.
Courier new, case sensitive (default is lowercase)	Code output, directory names, filenames, passwords, pathnames, URLs, user input, usernames	Code output: debug.set ('I", 300); Directory: bin (DOS), \$FMHOME (UNIX) Filename: Locate the init.ora file. Password: User tiger as your password. Pathname: Open c:\my_docs\projects URL: Go to http://www.oracle.com User input: Enter 300 Username: Log on as scott
Initial cap	Graphics labels (unless the term is a proper noun)	Customer address (but Oracle Payables)
Italic	Emphasized words and phrases, titles of books and courses, variables	Do not save changes to the database. For further information, see Oracle7 Server SQL Language Reference Manual. Enter user_id@us.oracle.com, where user id is the name of the user.
Quotation marks	Interface elements with long names that have only initial caps; lesson and chapter titles in cross- references	Select "Include a reusable module component" and click Finish. This subject is covered in Unit II, Lesson 3, "Working with Objects."
Uppercase	SQL column names, commands, functions, schemas, table names	Use the SELECT command to view information stored in the LAST_NAME column of the EMP table.

Convention	Element	Example
Arrow	Menu paths	Select File > Save.
Brackets	Key names	Press [Enter].
Commas	Key sequences	Press and release keys one at a time: [Alternate], [F], [D]
Plus signs	Key combinations	Press and hold these keys simultaneously: [Ctrl]+[Alt]+[Del]

Typographic Conventions in Code

Convention	Element	Example
Caps and	Oracle Forms	When-Validate-Item
lowercase	triggers	
Lowercase	Column names,	SELECT last_name
	table names	FROM s_emp;
	Passwords	DROP USER scott
		IDENTIFIED BY tiger;
	PL/SQL objects	OG_ACTIVATE_LAYER
	-	(OG_GET_LAYER
		(`prod_pie_layer'))
Lowercase	Syntax variables	CREATE ROLE role
italic		
Uppercase	SQL commands and	SELECT userid
	functions	FROM emp;

Typographic Conventions in Navigation Paths

This course uses simplified navigation paths, such as the following example, to direct you through Oracle Applications.

(N) Invoice > Entry > Invoice Batches Summary (M) Query > Find (B) Approve

This simplified path translates to the following:

- 1. (N) From the Navigator window, select Invoice > Entry > Invoice Batches Summary.
- 2. (M) From the menu, select Query > Find.
- 3. (B) Click the Approve button.

Notations :

(N) = Navigator
(M) = Menu
(T) = Tab
(I) = Icon
(H) = Hyperlink
(B) = Button

Typographical Conventions in Help System Paths

This course uses a "navigation path" convention to represent actions you perform to find pertinent information in the Oracle Applications Help System.

The following help navigation path, for example-

(Help) General Ledger > Journals > Enter Journals

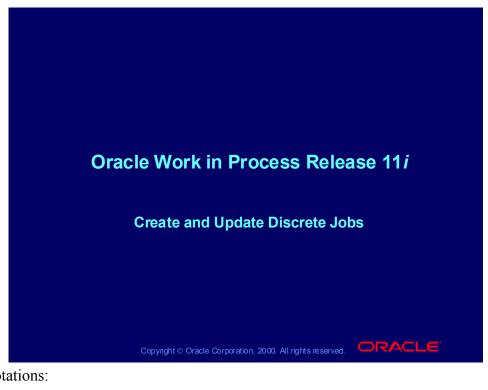
-represents the following sequence of actions:

- 1. In the navigation frame of the help system window, expand the General Ledger entry.
- 2. Under the General Ledger entry, expand Journals.
- 3. Under Journals, select Enter Journals.
- 4. Review the Enter Journals topic that appears in the document frame of the help system window.

Create and Update Discrete Jobs

Chapter 1

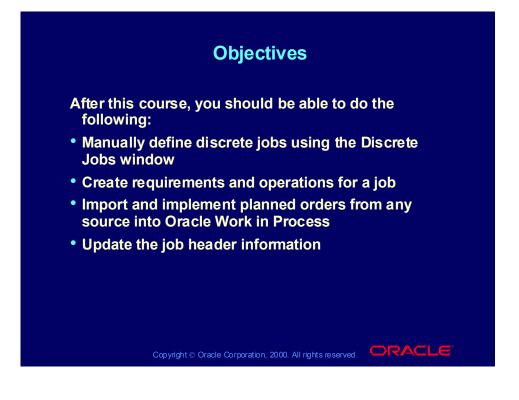
Oracle Work in Process Release 11i



Notations:

N = Navigator T = Tab M = MenuI = IconH = HyperlinkB = ButtonHelp = Oracle Applications Help System

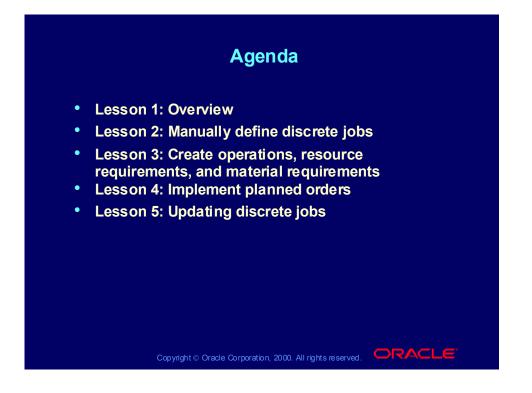
Objectives



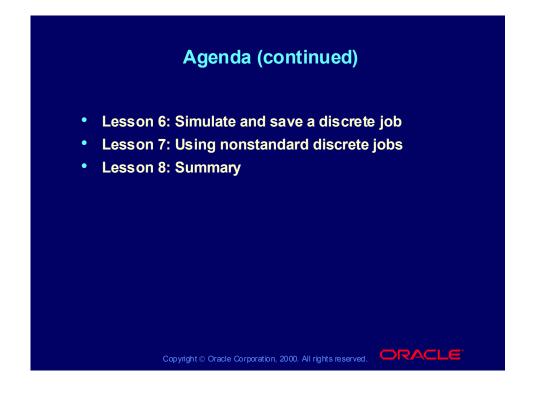
Objectives (continued)



Agenda



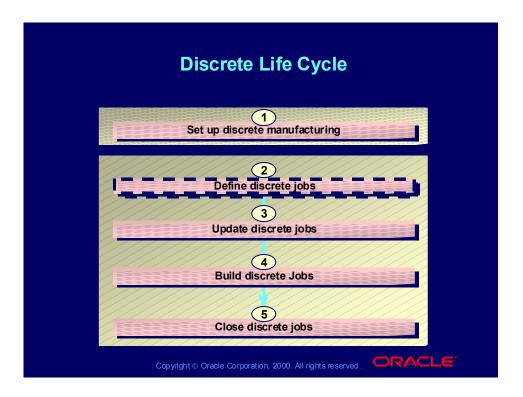
Agenda (continued)



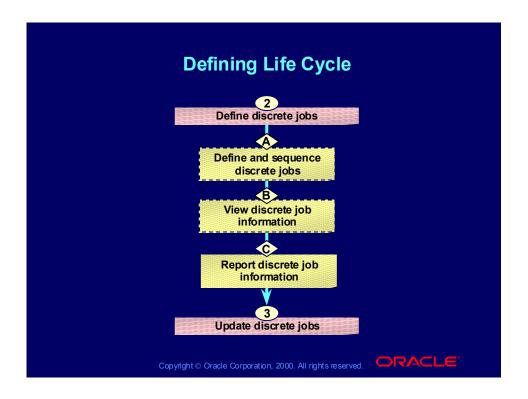
Agenda



Discrete Life Cycle



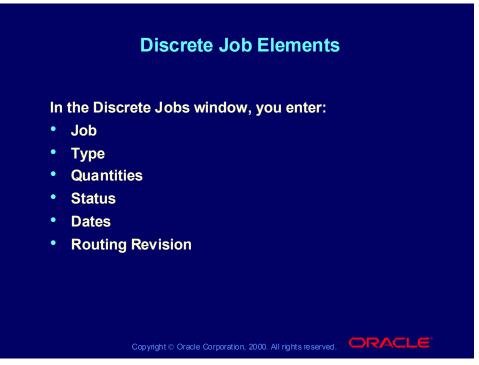
Defining Life Cycle



Agenda



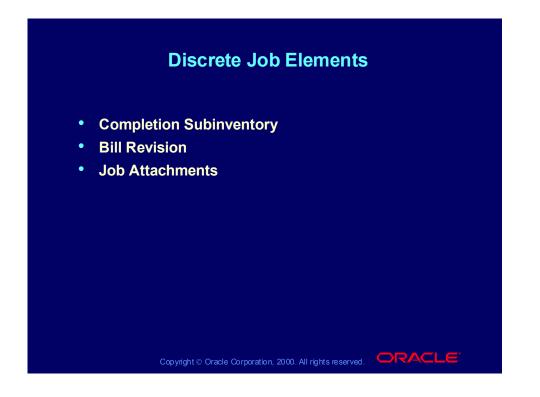
Discrete Job Elements

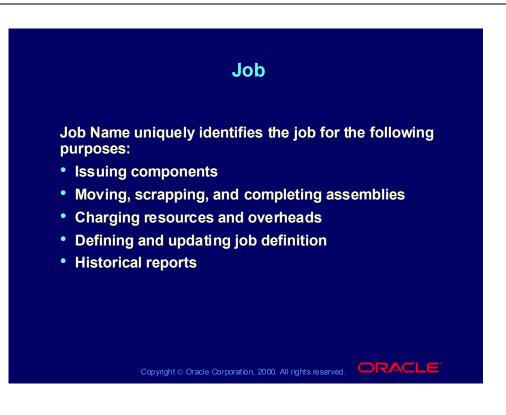


(N) WIP > Discrete > Discrete Jobs

(Help) Oracle Manufacturing Applications > Oracle Work in Process > Discrete Manufacturing > Creating Discrete Jobs > Defining Discrete Jobs Manually

Discrete Job Elements





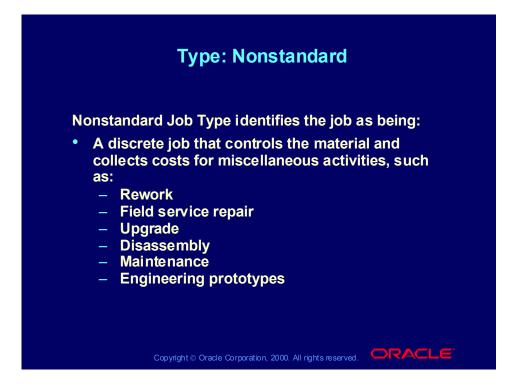


- You can automatically generate the job name based on the WIP: Discrete Job Prefix profile option and the automatic sequence generator by choosing Apply Default Job Name from the Tools menu.
- You have the option to specify whether you can update the names of the existing jobs based on the WIP: Job Name Updatable profile option. The options are Yes and No. This profile is predefined as Yes and is updatable at the site level only.

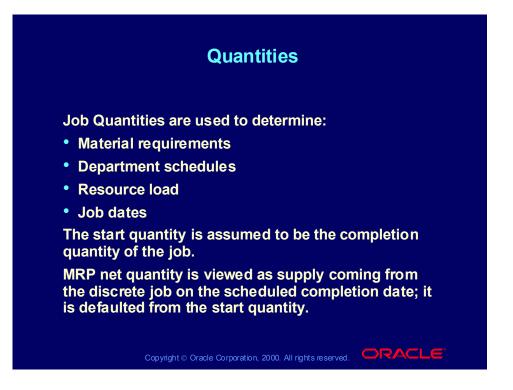
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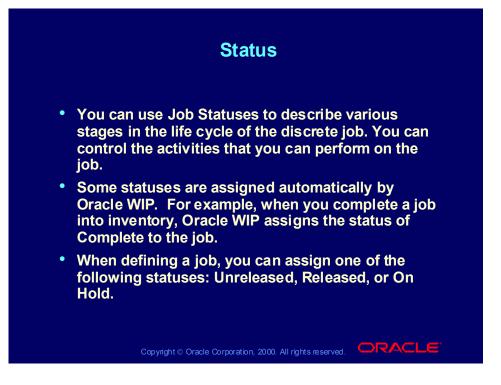


Type: Nonstandard



Quantities





User Statuses

User Status	Description
Unreleased	Default status when you define a job. The job is not released to the shop floor.
Released	The job is available to begin production.
Complete	You have completed the job but can still perform transactions on the job.
Complete—No Charges	You have completed the job and cannot perform any more transactions on the job.
On Hold	You have placed the job on hold and cannot perform any transactions on it.
Canceled	You have canceled the job before completing it. You cannot perform transactions on this job.
Closed	You have closed the job. No further activity on the job.

Job Statuses

- These statuses are based on events. For example, when you complete the total quantity of a job into inventory, Oracle Work in Process automatically changes the status of the job to Complete.
- Statuses that can be reversed are: Unreleased, Released, Complete—No Charges, On Hold, Canceled, and Closed.

Processing Statuses

Processing Status	Description
Pending routing load	The concurrent process is loading the routing for the job.
Failed routing load	The concurrent process was unable to load the routing.
Pending bill load	The routing load was successful. The concurrent process is loading the bill for the job.
Pending scheduling	This status is associated with the Manufacturing Scheduling application.
Failed bill load	The concurrent process was unable to load the bill of material.
Pending close	The concurrent process is closing the job.
Failed close	The concurrent process was unable to close the jol

Processing Statuses

Oracle Work in Process uses these statuses to keep track of the concurrent processing performed on a job.

Dates



Note:

You can choose a start date that is earlier than the current date in order to maintain relative date priorities for department schedules and material requirements.

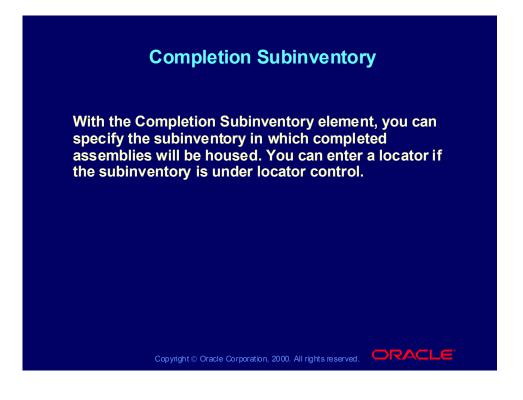
Dates (continued)

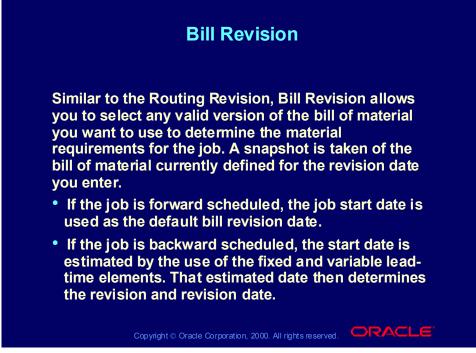


Routing Revision

<section-header><text><list-item><list-item><list-item><image>

Completion Subinventory





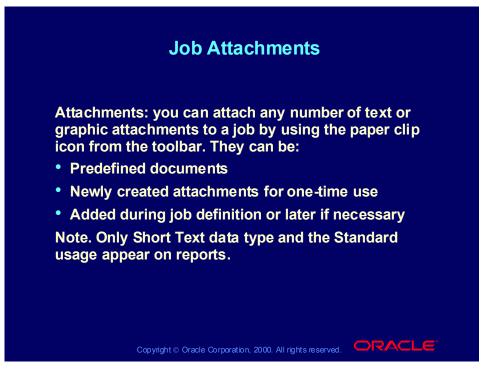
Note:

If the profile option WIP: Exclude Open ECOs is set to No, you can use released, scheduled, implemented, or open bill revisions. If the profile option WIP: See Engineering Items is set to No, You cannot select an engineering bill revision.

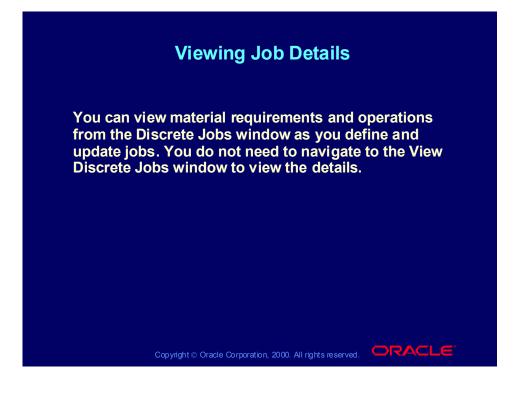
Technical Note

The default revision and revision date are not displayed. The actual revision and revision date that were used are displayed after the job has been defined.

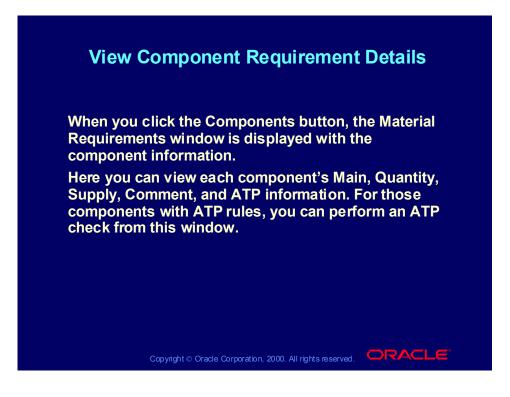
Job Attachments



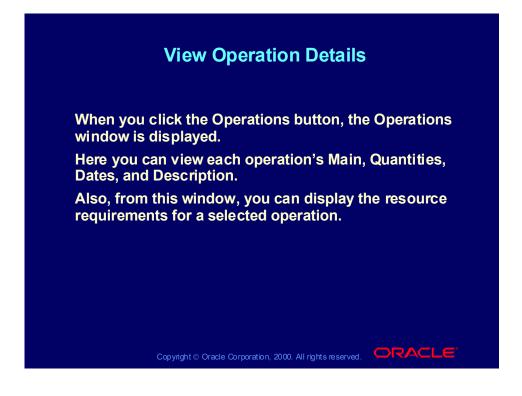
Viewing Job Details



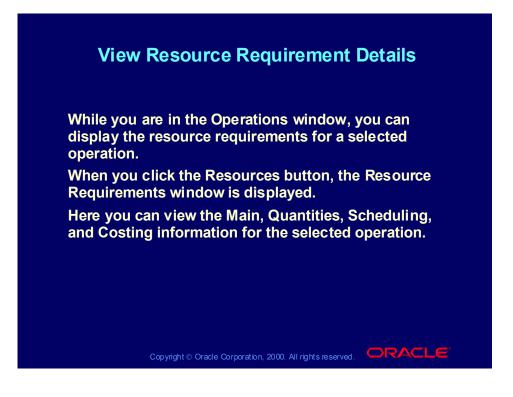
View Component Requirement Details

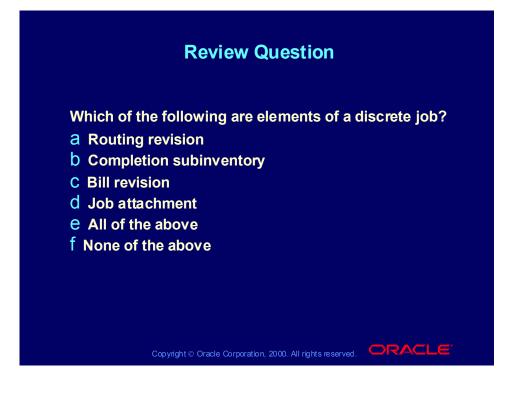


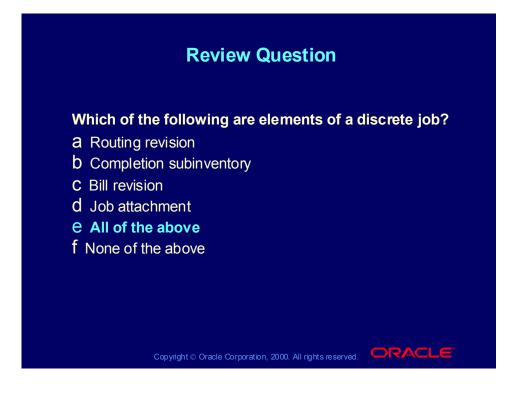
View Operation Details

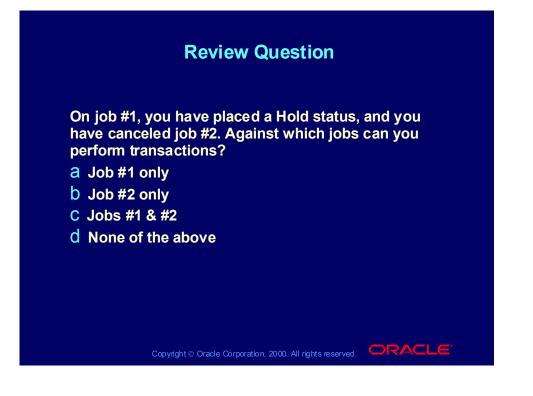


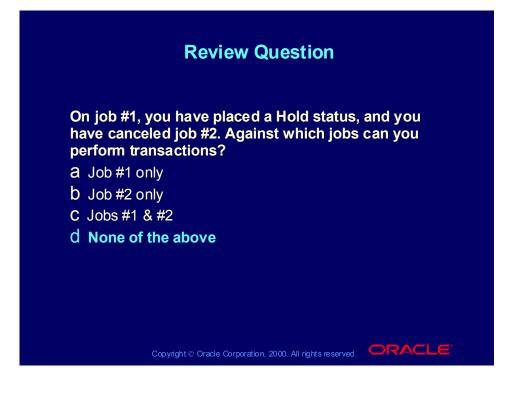
View Resource Requirement Details

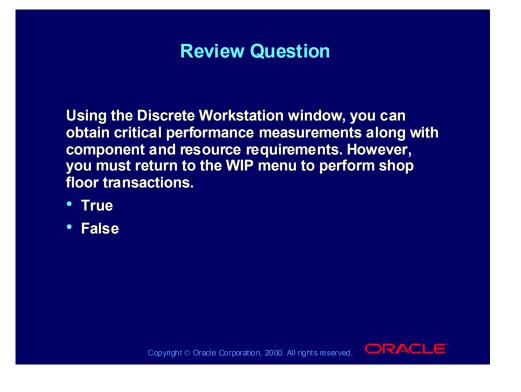


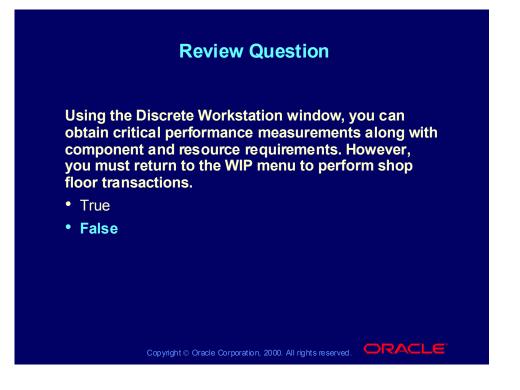




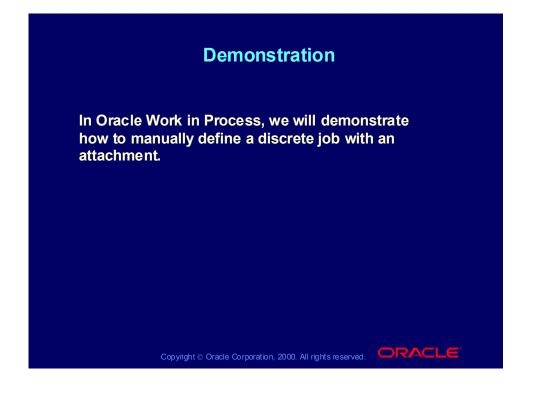




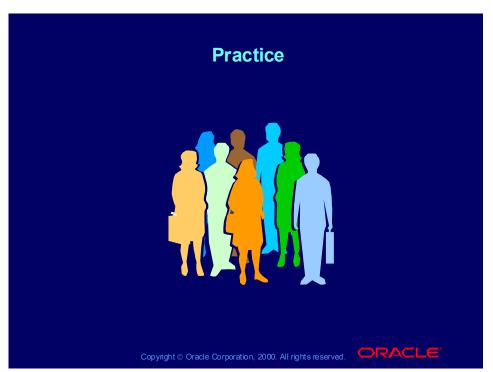




Demonstration



Practice



- 1. Why might you want to have different methods for defining discrete jobs?
- 2. What information about a job might you want to see once the job is defined?
- 3. What happens when you define a job using a bill that has no effective components?
- 4. Why is there no end quantity in the Discrete Jobs window?
- 5. Why would you want to define a job for a prior bill revision and revision date?
- 6. What happens when you use an alternate bill that has components assigned to operations that do not exist on the routing?
- 7. What are the main differences between the components on the bill and the material requirements for a specific job?
- 8. Why would you change the dates on a job?
- 9. Why would you decrease the job quantity?
- 10. What status might you use if your quality testing operation uncovered a significant processing error?
- 11. Would you ever add an operation to a routing? Why, or why not?

Practice Solution



- 1. Why might you want to have different methods for defining discrete jobs? Business needs for job definition may vary. If you define relatively few jobs or do not use MRP, you probably want to use the Discrete Workbench window. If you use Oracle MRP, or another planning system, you probably want to use the Planner Workbench or the Import Jobs/Schedules window.
- 2. What information about a job might you want to see once the job is defined? You probably want to see the start and end dates, the scheduled operations, the material requirements, and the resource requirements.
- 3. What happens when you define a job using a bill that has no effective components?

The job has no requirements.

- 4. Why is there no end quantity in the Discrete Jobs window? The quantity field represents both the start and end quantity.
- 5. Why would you want to define a job for a prior bill revision and revision date?

You may want to manufacture an old model and therefore use a prior bill revision and revision date.

6. What happens when you use an alternate bill that has components assigned to operations that do not exist on the routing?

The components are assigned to the first operation on the routing by default.

- 7. What are the main differences between the components on the bill and the material requirements for a specific job?
 - Quantity
 - Consolidation for phantoms
 - WIP bill is a snapshot and does not change when the BOM bill is updated.
- 8. Why would you change the dates on a job?

You may need to reschedule the job so that it is completed earlier than previously planned.

9. Why would you decrease the job quantity?

Your customer might have called in to decrease the order quantity, and you do not want to stock any extra finished assemblies of the kind you are currently building.

10. What status might you use if your quality testing operation uncovered a significant processing error?

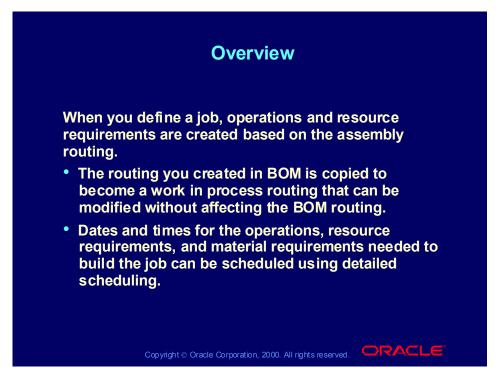
You can use the On Hold job status to prevent any further transactions against the job until the problem is fixed.

11.Would you ever add an operation to a routing? Why, or why not? Yes, for example, if the need for rework arises.

Agenda



Overview

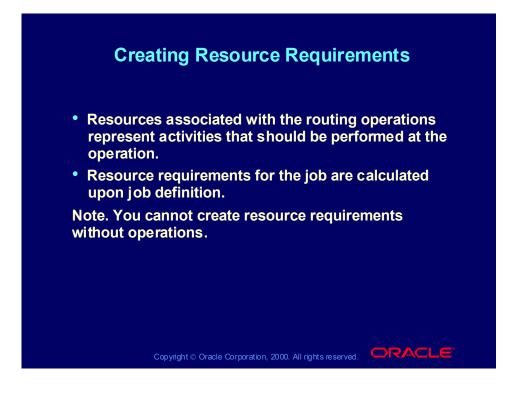


Creating Operations

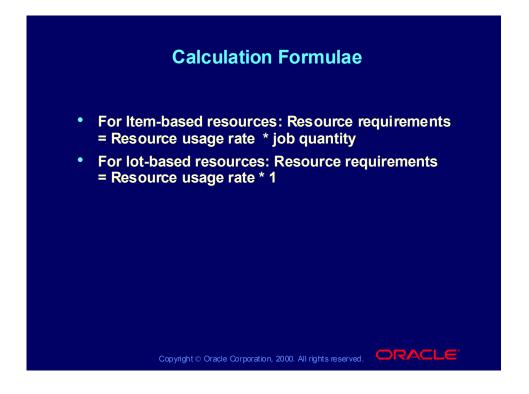
	Creating Operatior	าร
Sentine	e that you define a discrete jol I-F1 to build 100 Sentinel Final g table shows the operations f	ncials. The
Op Seq	Operation Description	Department
10	Assembly of standard chassis	FINASSY
20		
	Final assembly of standard models	FINASSY
30	Final assembly of standard models Testing of standard models	FINASSY TESTING

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Creating Resource Requirements



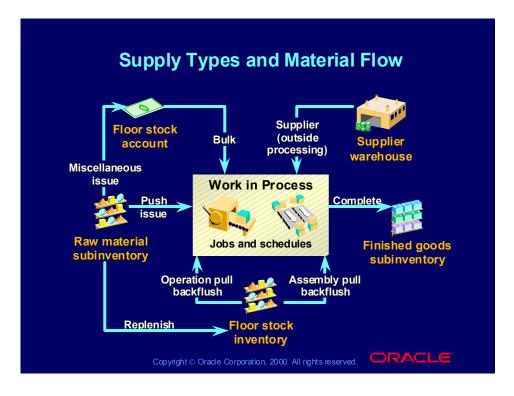
Calculation Formulae



Resource Requirements

	Res	source Requ	irements	
		ble shows the r F1 to build 100	and the second secon	
Op Seq	Res Seq	Resource Code	Basis Type	Qty
	10	Order	Lot	.3333
10	20	StgChas	Item	.4
	30	FinAssy	Item	4
	10	Queue	Item	11.1111
20	20	Move	Item	11.1111
20	20 30	Move Order	Lot	.6666667
20				.666667 2.5
20	30	Order	Lot	

Supply Types and Material Flow



Material Requirements Overview



WIP Supply Types

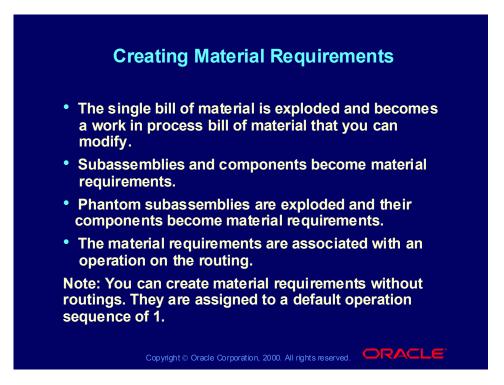
Supply types are defined in the bill of material. If you change the supply type on your discrete job, you are overriding the supply types for all the components on that job.

Name	Description
Based on bill	Oracle Work in Process creates component requirements with supply types equal to those on the bill of material or those on the Item Master. Oracle Work in Process defaults this value when you define a job.
Assembly pull	Oracle Work in Process issues assembly pull components to a job when you complete assemblies into inventory.
Bulk	Oracle Work in Process does not automatically transact bulk components to the job.

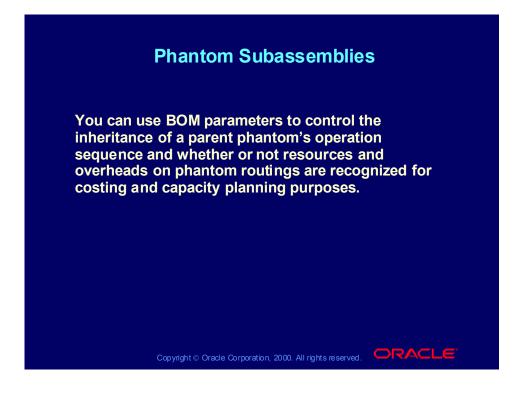
WIP Supply Types

	WIP Supply Types	
Name	Description	
Operation pull	Oracle Work in Process issues operation pull components to a job when you complete the operation where the components are consumed.	
Push	You issue push components to a job using the WIP Material Transaction window in advance of consumption.	
Vendor	A vendor supplies components directly to Work in Process.	
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Creating Material Requirements



Phantom Subassemblies



Acceptable Combinations

Acce	ptable Combir	nations
	BOM Parameters	
Use Phantom Routings	Inherit Phantom Operation Sequence	Comments
Yes	Yes	
Yes	No	Not allowed
No	No	
No	Yes	

Example: Sentinel Financial Bill

I	Examp	ole: Sentinel Fina	ncial Bill	
Op Seq	Dept	Component	Supply Type	Qty
20	FinAssy	Sentinel chassis—Standard	Phantom	1
		Monitor—15" Super VGA	Assembly pull	1
		Power cord	Assembly pull	1
		External 101-key keyboard	Assembly pull	1
		O/S documentation set	Push	1
		UNIX/Windows 1-user pack	Push	1
		Packing material	Assembly pull	1

Material Requirements

	Material Requ	irements	
materia	antom subassembly cor I requirements. Note that cords were consolidated	at requirements	
Op Seq	Component	Supply Type	Qty
20	Sentinel Base Assembly	Operation pull	100
	PCMCIA modem/fax	Operation pull	100
	Motherboard	Operation pull	100
	Hard drive—340 MB	Operation pull	100
	3.5" disk drive	Operation pull	100
		the second se	
	5.25" disk drive	Operation pull	100
	5.25" disk drive Video card	Operation pull Operation pull	<u>100</u> 100
	Video card	Operation pull	100

Technical Note

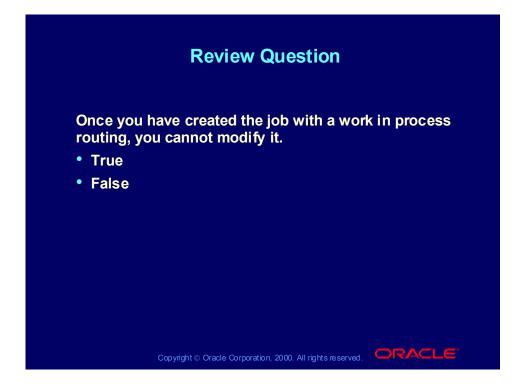
Some of the requirements listed in the table come from the phantom component on the bill. The standard screws and power cords are on the bill of material for both the phantom assembly and the parent assembly. Therefore Oracle Work in Process consolidates the requirements for these two components.

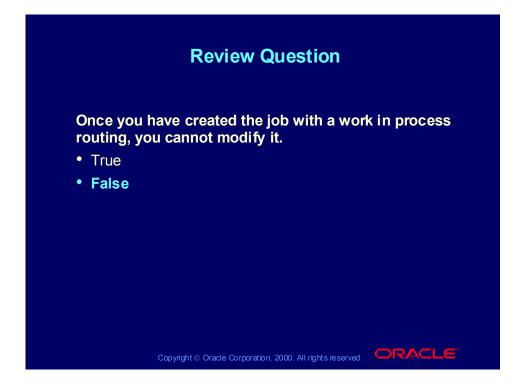
Material Requirements

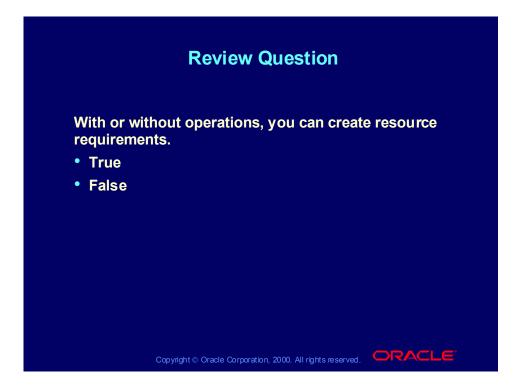
material Requ	irements	
	the standard s	crews
onsolidated.		
Component	Supply Type	Qty
Sound Board	Operation pull	100
Sentinel cover assembly	Operation pull	100
Standard screws	Operation pull	600
Sentinel documentation	Operation pull	100
Monitor—15" Super VGA	Assembly pull	100
Packing material	Assembly pull	100
External 101-key keyboard		100
O/S documentation set	Push	100
UNIX/Windows 1-user pack	Push	100
	Component Component Sound Board Sentinel cover assembly Standard screws Sentinel documentation Monitor—15" Super VGA Packing material External 101-key keyboard O/S documentation set	ComponentSupply TypeSound BoardOperation pullSentinel cover assemblyOperation pullStandard screwsOperation pullSentinel documentationOperation pullMonitor—15" Super VGAAssembly pullPacking materialAssembly pullExternal 101-key keyboardAssembly pullO/S documentation setPush

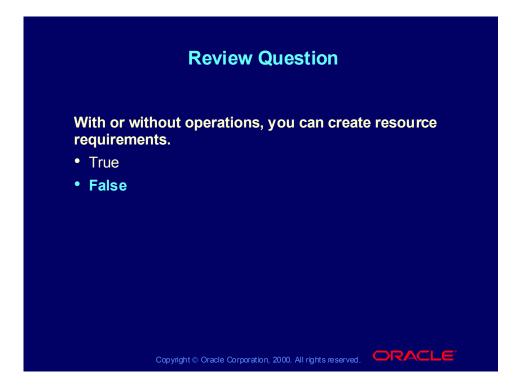
Technical Note

Some of the requirements listed in the table come from the phantom component on the bill. The standard screws and power cords are on the bill of material for both the phantom assembly and the parent assembly. Therefore Oracle Work in Process consolidates the requirements for these two components.

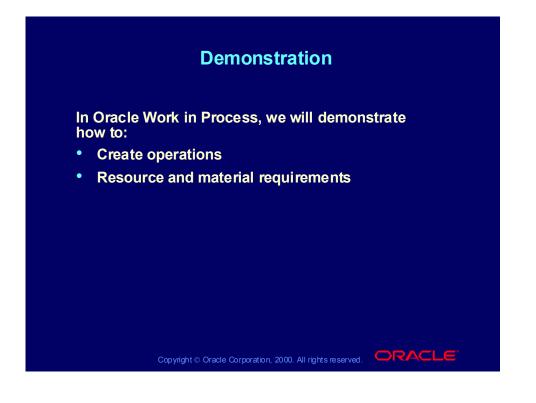








Demonstration



Practice



You work for a computer company. A rush order has come in for 100 Envoy Upgrade Packs in the Seattle organization after the planning process has completed. Your manager wants you to create a discrete job manually for this order and then release your job.

- 1. Define an unreleased discrete job using a unique alphanumeric job name.
- 2. Add an attachment to an operation on the job.
- 3. Release your job.

Practice Solution

Type Standard	
Type Standard	
	[
Start 26-APR-2000 14:	33:00
Completion 01-MAY-2000 00:	00:00
e Group, Project Scheduling More	
Revision Date 27-APR-2000 00:0	
Revision Date 27-APR-2000 00:0	
	Start 26-APR-2000 14:3 Completion 01-MAY-2000 00:0

(N) WIP > Discrete > Discrete Jobs

(Help) Oracle Manufacturing Applications > Oracle Work in Process > Discrete Manufacturing > Creating Discrete Jobs > Defining Discrete Jobs Manually

- 1. Navigate to the Discrete Jobs window.
- 2. Enter a job name.
- 3. Select the Job Type of Standard.
- 4. Select an accounting class, or use the default if found.
- 5. Select the job status.
- 6. Specify the start quantity, the MRP net quantity, and the start date.
- 7. Save your work.

Practice Solution (continued)

	Practio	ce Solution (d	continu	ıed)	
🚃 Attachn	nents (M1) - Décembra de décembra				≝ স ×
Main	Source				
Seq	Category Operation Attachments	Description Hard Drive Installation Video	Data Type File	May Be Changed	
	spectrum Automitellita				
	Discrete Operation				
		Magnification	100%		
			_		
		Open Document			
🔳 include	Belated Documents			Document Catalog	
		t © Oracle Corporation, 2000. All		ORACI	-

Practice Solution (continued)

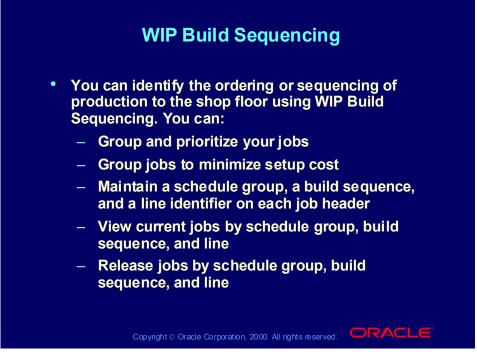
	Pra	ctice Sol	ution (c	ontir	nued)	
🚟 Discrete Jobs	(M1) (2020-020					্র স
	Job	15768		Түре	Standard	
	Assembly	AS18947				
	Class	Discrete		UOM		
	Status	Released			□ Firm	I 🗌
- Quantities -			Dates -			
	Start	225		Start	26-APR-2000 14:33:00	
	MRP Net	225		Completion	01-MAY-2000 00:00:00	
	_				_	
Bill	Routing J	ob History Schedule Gr	oup, Project Sched	uling More		
	Reference					
	Alternate					
	Revision	A		Revision Date	27-APR-2000 00:00:00	
	Supply Type	Based on Bill				

(N) WIP > Discrete > Discrete Jobs

(Help) Oracle Manufacturing Applications > Oracle Work in Process > Discrete Manufacturing > Creating Discrete Jobs > Defining Discrete Jobs Manually Releasing the Job:

- 1 Navigate to the Discrete Jobs window.
- 2 Change the job status to Released.
- 3 Save your work.
- 4 Validate the status of your job.

WIP Build Sequencing



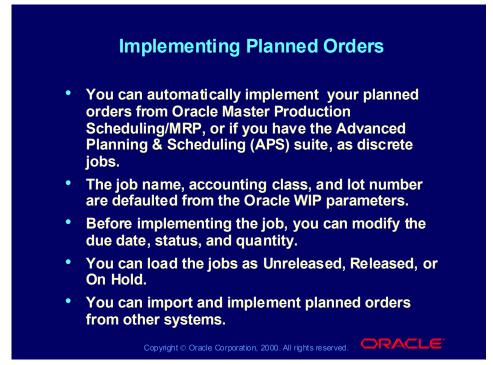
In some industries, such as automotive, most assemble to order items are sequenced for shipment to the supplier's trading partner directly from work in process.

Using WIP Build Sequencing, you can identify the ordering or sequencing of production to the shop floor. This is necessary to minimize production setups and changeovers. You can also use schedule group and build sequence as a tool to prioritize your work orders.

Agenda



Implementing Planned Orders



Note:

The job name is defaulted from the database sequence and prefix in the personal Profile Options, if present.

The job status defaults to Unreleased.

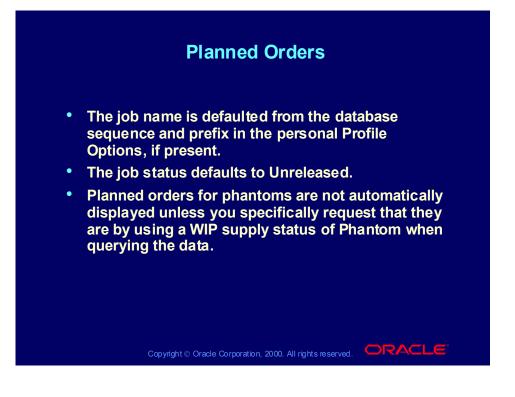
Planned orders for phantoms are not automatically displayed unless you specifically request that they are by using a WIP supply status of Phantom when querying the data.

You can use production kanban cards to initiate discrete jobs. You complete production against a kanban card and forward the material to the next production line.

You can use intra-org kanban cards to initiate move orders to transfer material from a central stocking location to a production stocking location.

Discrete jobs can be created during the autocreate final assembly function. This action automatically links the sales order for the configured item to the discrete work order.

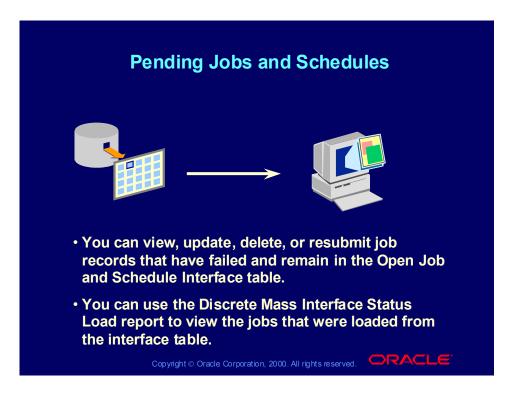
Planned Orders



Import Jobs and Schedules

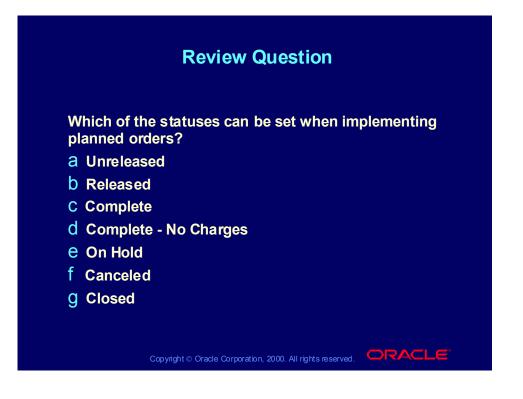


Pending Jobs and Schedules

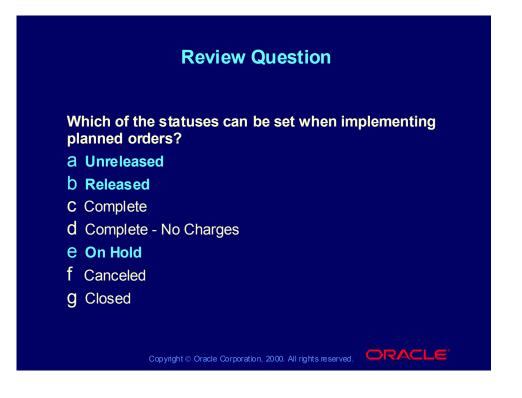


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Review Question



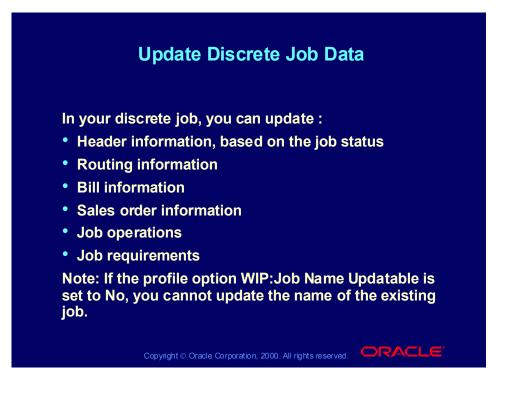
Review Question



Agenda



Update Discrete Job Data



Updating	Discret	e Job Ir	nformat	ion
1	Discrete Jo	bs Windo	w	
Field	Unreleased	Released	On Hold	Complete
Job	-	4	4	4
Туре				
Assembly				
Class				
UOM				
Status		<u> </u>	<u> </u>	<u> </u>
Firm		<u> </u>	4	√
Start Quantity	 ✓ 	•		
MRP Net Quantity		- -	4	4
Start Date/Time	✓		4	

(Help) Oracle Manufacturing Applications > Oracle Work in Process > Discrete Manufacturing > Changing Discrete Jobs

	Discrete Jo	bs Windo Tab	w	
Field	Unreleased	Released	On Hold	Complete
Demand class	-	4	- √	4
Kanban reference	\checkmark	4	 	4
Lot number	4 .	4	4.	\checkmark
Description	\checkmark	\checkmark	√	4
Over tolerance type	•	4		 ✓
Over tolerance value	4	4	4	\checkmark

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I	Discrete Jo	bs Windo	w	
	Routi	ng Tab		
Status	Unreleased	Released	On Hold	Complete
Reference (for nonstandard jobs)				
Alternate				
Revision	1			
Revision Date/Time				
Completion Sub		4	4	
Completion Locator	4	4	4	

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Updating	Discret	e Job Ir	nformat	ion
ſ	Discrete Jo	bs Windo	w	
	Bill	Tab		
Field	Unreleased	Released	On Hold	Complete
Reference				
Alternate	4			
Revision	\checkmark			
Revision Date/Time	4			
Supply Type				
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Updating	Discret	e Job Ir	nformat	ion
[Discrete Jo	bs Windo	w	
	Sales Ord	er Window		
Field	Unreleased	Released	On Hold	Complete
Order number				
Line				
Ordered item				
Quantity	-	•		
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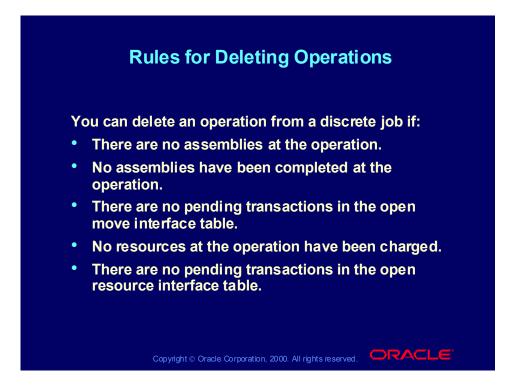
Updating Discrete Job Operations

Discrete Job Operations	
Job Status Add Update Delete	
Unreleased 🖌 🖌	
Released 🖌 🖌 🖌	
On Hold	
Complete	

(Help) Oracle Manufacturing Applications > Oracle Work in Process > Discrete Manufacturing > Overview of Changing Discrete Jobs > (H) Adding and Updating Operations

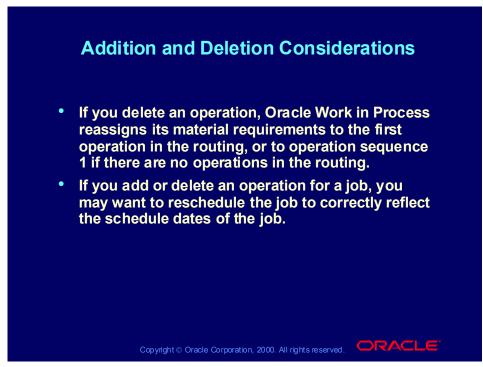
(Help) Oracle Manufacturing Applications > Oracle Work in Process > Discrete Manufacturing > Overview of Changing Discrete Jobs > (H) Deleting Operations

Rules for Deleting Operations



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Addition and Deletion Considerations



Example

If you have a bottleneck operation and you want to use a different operation, you could remove the old operation and add the new one in the old operation sequence.

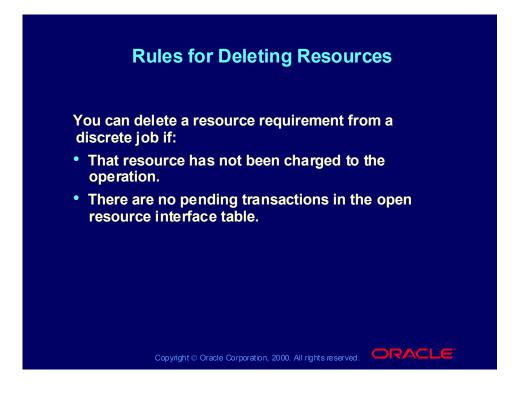
Updating Discrete Job Resources

Discrete Job Resources Job Status Add Update Delete
Unreleased
Released
On Hold
Complete

(Help) Oracle Manufacturing Applications > Oracle Work in Process > Discrete Manufacturing > Overview of Changing Discrete Jobs > (H) Adding and Updating Resource Requirements

(Help) Oracle Manufacturing Applications > Oracle Work in Process > Discrete Manufacturing > Overview of Changing Discrete Jobs > (H) Deleting Resource Requirements

Rules for Deleting Resources



Updating Discrete Job Requirements

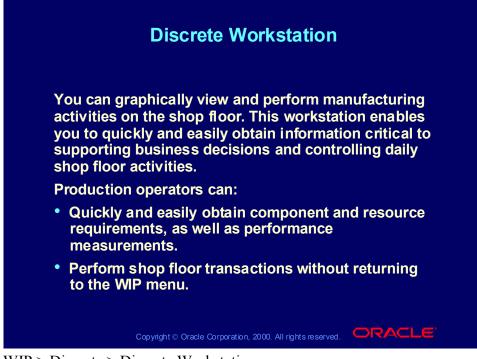
Complete Only if requirements	Discrete Job Requirements				
Released Image: Constraint of the sector o	Job Status	Add	Update	Delete	
Released Image: Arrow of the sector of the	Unreleased	4	 	4	
On Hold Only if requirements have not been issued Only if requirements	Released	4	-		
	On Hold	<	4	Only if requirements	
have not been issued	Complete	4	 	Only if requirements have not been issued	

(Help) Oracle Manufacturing Applications > Oracle Work in Process > Discrete Manufacturing > Overview of Changing Discrete Jobs > (H) Adding and Updating Material Requirements

(Help) Oracle Manufacturing Applications > Oracle Work in Process > Discrete Manufacturing > Overview of Changing Discrete Jobs > (H) Deleting Material Requirements

Example

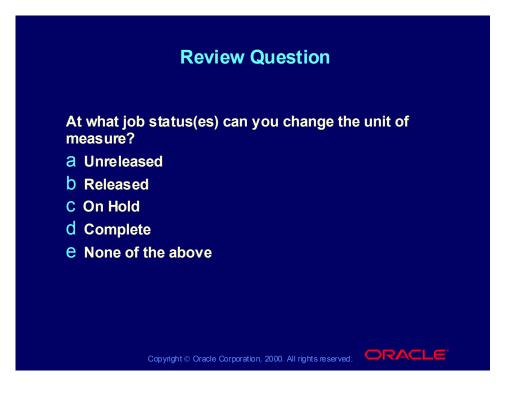
If you have an engineering change on a released job for the Desktop Sentinel that requires a component to be substituted, you could add the new component and update the old one.



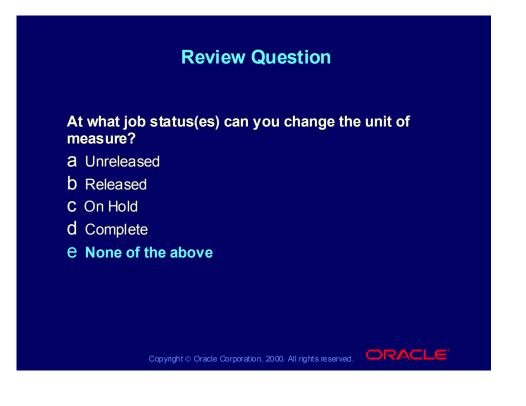
(N) WIP > Discrete > Discrete Workstation

(Help) Oracle Manufacturing Applications > Oracle Work in Process > Discrete Manufacturing > Discrete Workstation

Review Question



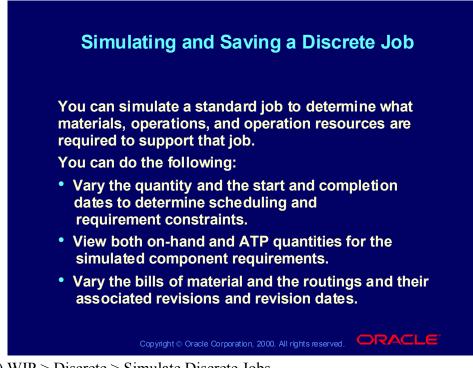
Review Question



Agenda



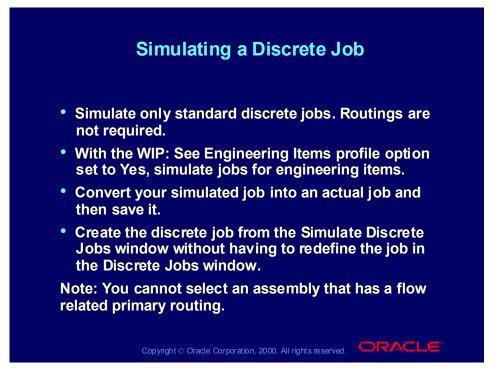
Simulating and Saving a Discrete Job



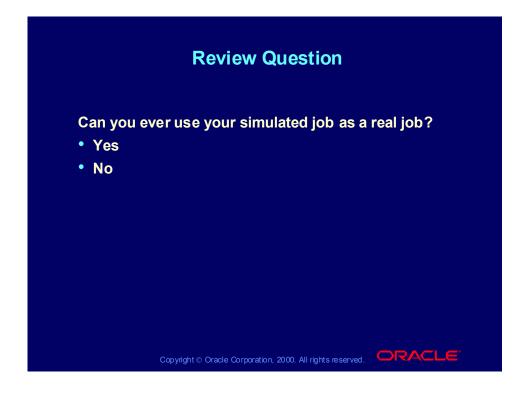
(N) WIP > Discrete > Simulate Discrete Jobs

(Help) Oracle Manufacturing Applications > Oracle Work in Process > Discrete Manufacturing > Simulating and Saving Simulated Discrete Jobs

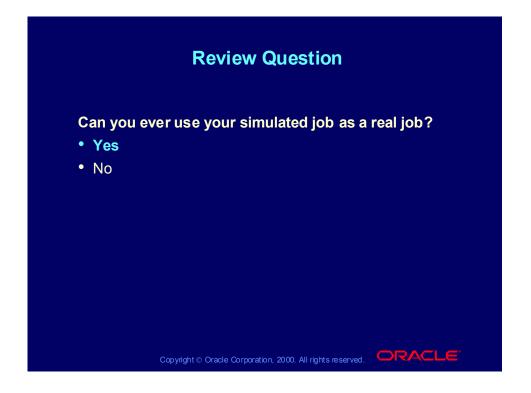
Simulating a Discrete Job



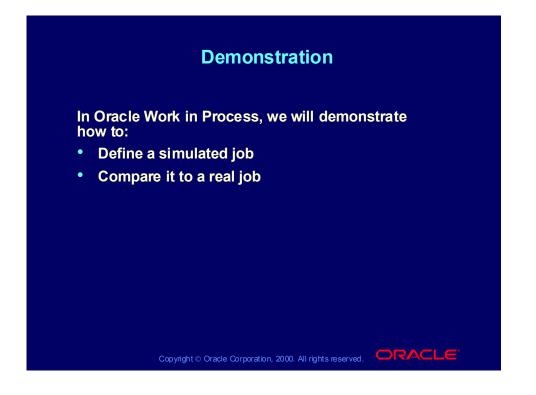
Review Question



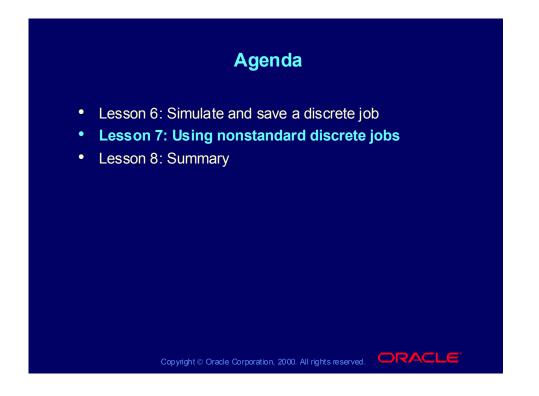
Review Question



Demonstration

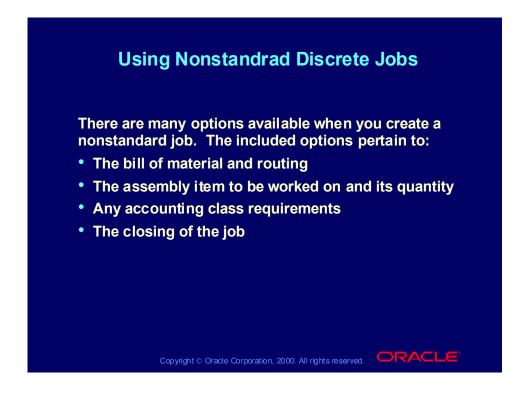


Agenda



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Using Nonstandrad Discrete Jobs



Nonstandard Discrete Job Functions



More Nonstandard Job Functions



Nonstandard Versus Standard Discrete Jobs				
Field	Standard Discrete Job	Nonstandard Discrete Job		
Job	Required	Required		
Туре	Required	Required		
Assembly	Required	Optional. Enter if you want to perform move and completion transactions.		
Class	Required	Required		
Status	Required	Required		
Firm	Required. Defaults to Checked if item is MPS planned. Otherwise, defaults to Unchecked.	You cannot enter a value in this field. Defaults to Unchecked.		

Nonstandard Versus Standard Discrete Jobs		
Field	Standard Discrete Job	Nonstandard Discrete Job
Quantity	Required	Required. You can enter 0. Enter a positive number if you want to perform move and/or completion
MRP Net Qty	Required. Defaults from Quantity.	Required. Defaults from Quantity. If you do not enter an assembly, you cannot enter a value in this field.
Start Date	Required. You can enter a start date and a completion date.	Required. You can enter a start date and a completion date.

Nonstandard Versus Standard Discrete Jobs			
Field	Standard Discrete Job	Nonstandard Discrete Job	
Completion Date	Required. You can enter a start date and a completion date.	Required. You can enter a start date and a completion date.	
Lot Number	Optional	Optional	
Routing Reference	You cannot enter a value in this field.	Optional. Enter a value if you want to perform job scheduling based on a routing.	
Alternate Routing	Optional	Optional	

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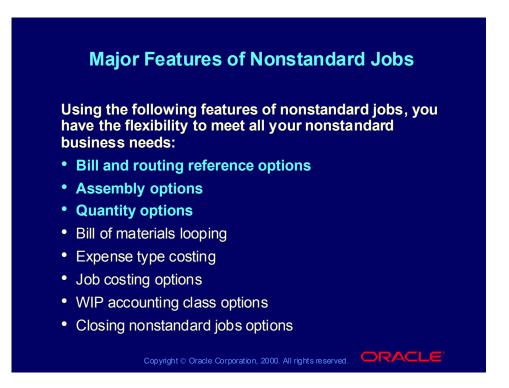
Nonstandard Versus Standard Discrete Jobs		
Field	Standard Discrete Job	Nonstandard Discrete Job
Revision	Optional	Optional. You must enter a value in this field if you have a routing for the assembly.
Revision Date	Optional	Optional. You must enter a value in this field if you have a routing for the assembly.
Completion Subinventory	Optional	Optional
Completion Location	Optional	Optional

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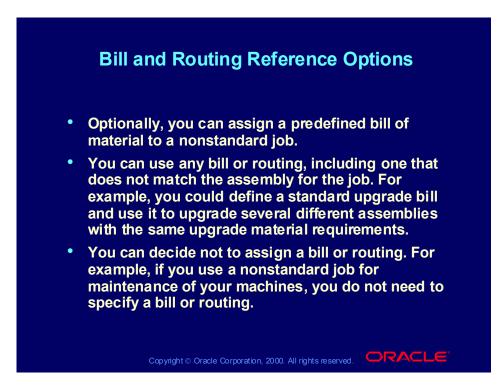
Nonstandard Versus Standard Discrete Jobs		
Field	Standard Discrete Job	Nonstandard Discrete Job
Bill Reference	You cannot enter a value in this field.	Optional. Enter a value if you want to automatically create material requirements based on a bill of material.
Alternate Bill	Optional	Optional
Revision	Optional	Optional. You must enter a value in this field if you have a bill for the assembly.
Revision Date	Optional	Optional. You must enter a value in this field if you have a bill for the assembly.
Supply Type	Required. Defaults to Based on bill.	Required. Defaults to Based on bill.

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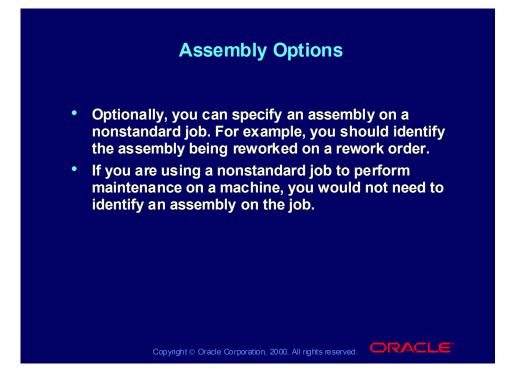
Major Features of Nonstandard Jobs



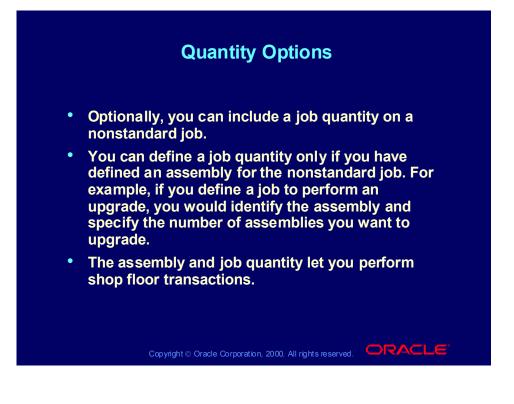
Bill and Routing Reference Options



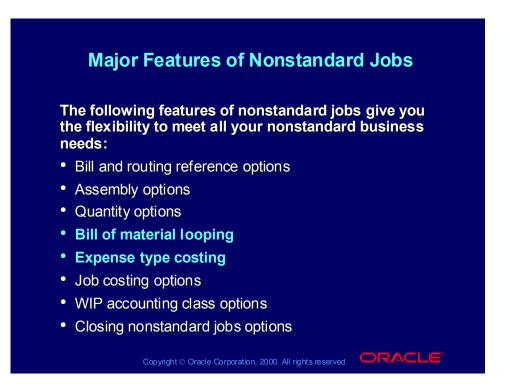
Assembly Options



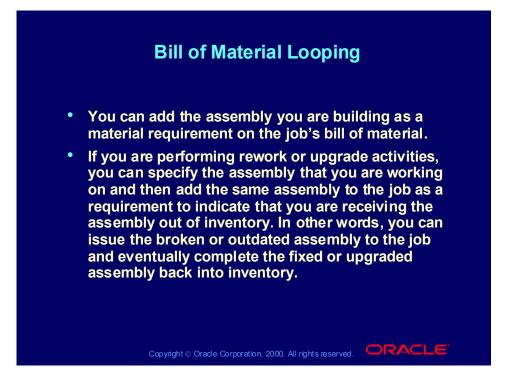
Quantity Options



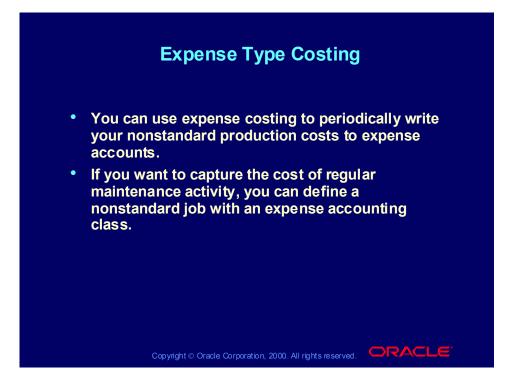
Major Features of Nonstandard Jobs



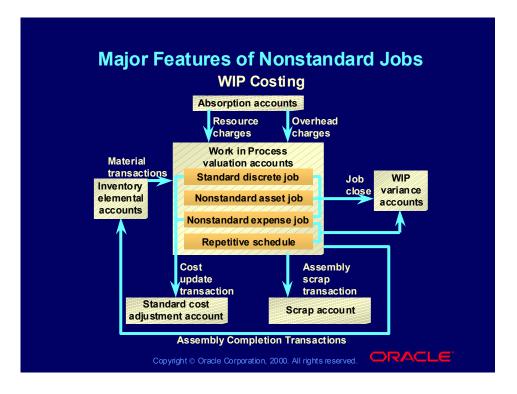
Bill of Material Looping



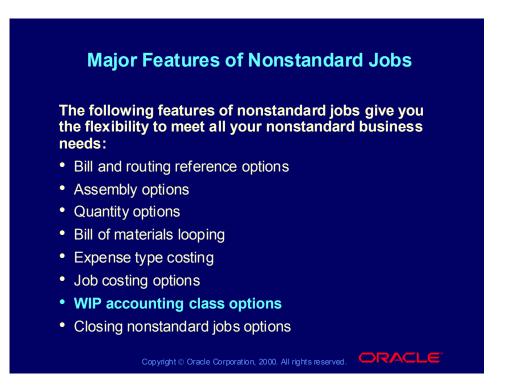
Expense Type Costing



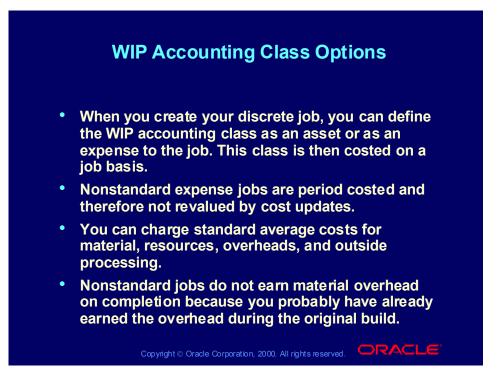
Major Features of Nonstandard Jobs



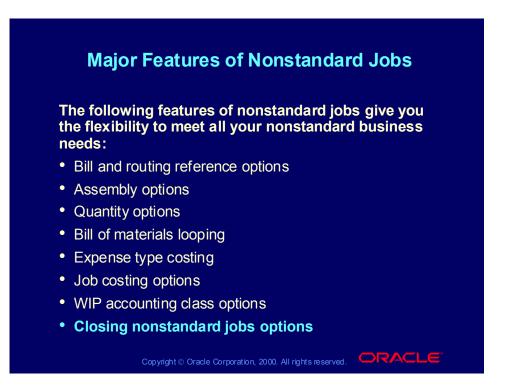
Major Features of Nonstandard Jobs



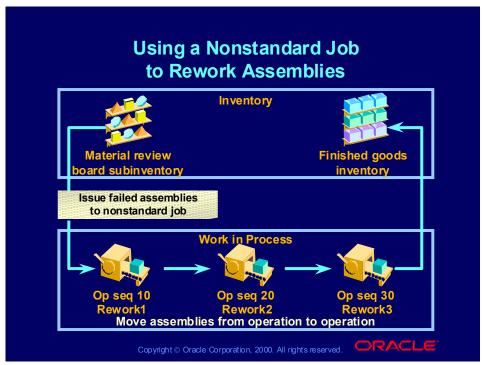
WIP Accounting Class Options



Major Features of Nonstandard Jobs



Using a Nonstandard Job to Rework Assemblies



(Help) Oracle Manufacturing Applications > Oracle Work in Process > Nonstandard Discrete Jobs > Business Scenarios > Rework Assemblies

Reworking Rejected Assemblies

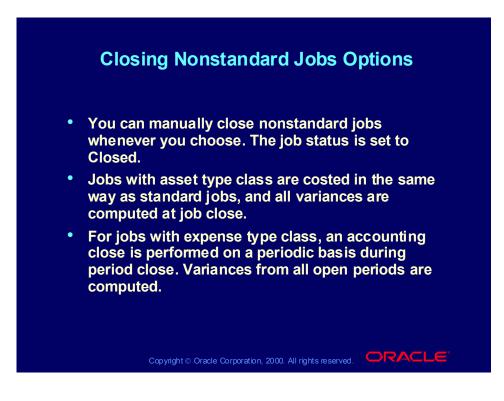
- You can rework rejected assemblies currently in an MRB subinventory using a nonstandard job.
- You can complete rejected assemblies from the current job to an MRB subinventory.
- Optionally you can store the assemblies in that subinventory until you are ready to rework them.
- You can define a nonstandard job for the number of assemblies to be reworked.
- You can select an asset type nonstandard accounting class because the job is building up assets.
- You can enter the quantity that the planning process should expect as supply in the MRP Net Quantity field.
- You can manually create rework operations using the Operations window, or you can use a predefined rework routing.
- You can set the MRP net quantity to the quantity of assemblies that you expect to recover.
- You can manually create the only component requirement (the assembly to rework) at one of the rework operations using the Material Requirements window.

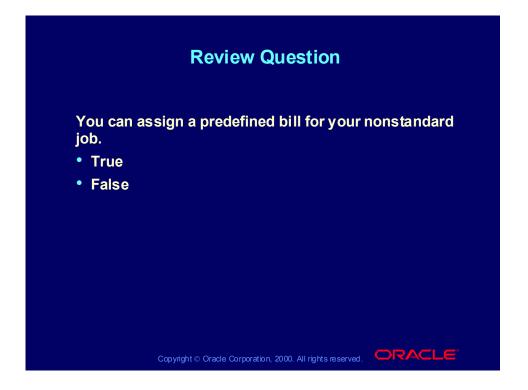
- You can enter Push in the Supply Type field, because it is likely that the assemblies will be pushed to the rework operation.
- You can specify the supply subinventory as the MRB subinventory.
- You should clear the MRP Net field to avoid creating demand for the rejected assemblies, because the supply for that assembly is provided by the nonnettable MRB subinventory.
- You can issue the assemblies to the nonstandard job using the WIP Material Transactions window.
- You can use the Move Transactions window to move the assemblies from operation to operation and to charge rework resource and overhead costs.
- You can complete the reworked assemblies into a nettable subinventory using the WIP Completion Transactions window.
- Reviewing Cost Information
- The ending balance of the job should be the resource and overhead charges.
- The material charges for the assemblies net to zero because the only material on the job was the assemblies that were issued to and completed from the job.

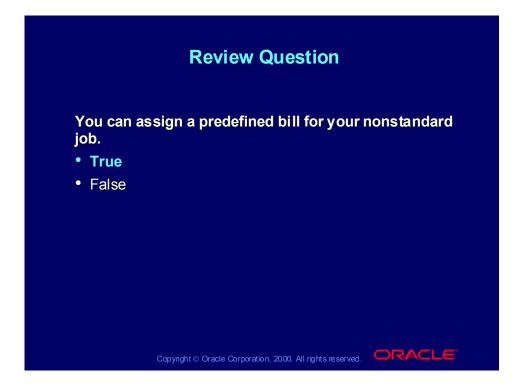
• Benefits

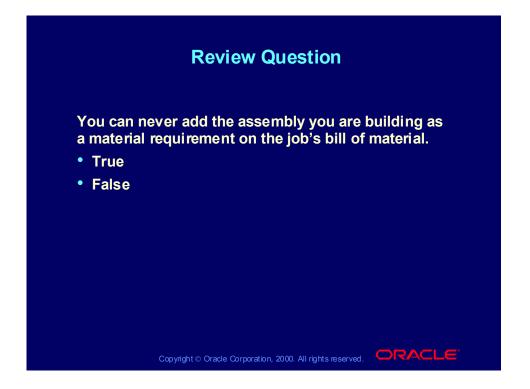
- You can group rejected assemblies on a single rework nonstandard job to gain efficiency
- With a nonstandard job, you can identify the exact rework costs.
- The MRP net quantity informs planning of anticipated supply.
- Nonnettable subinventories and MRP net quantities allow component supply and component demand to balance.

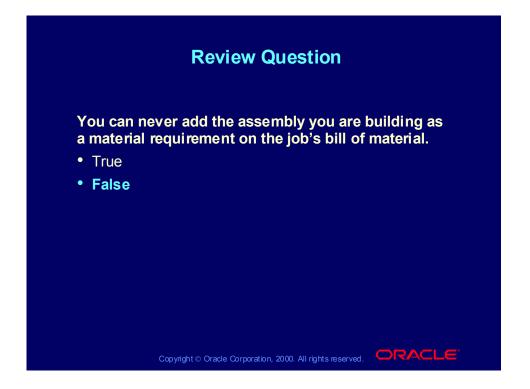
Closing Nonstandard Jobs Options

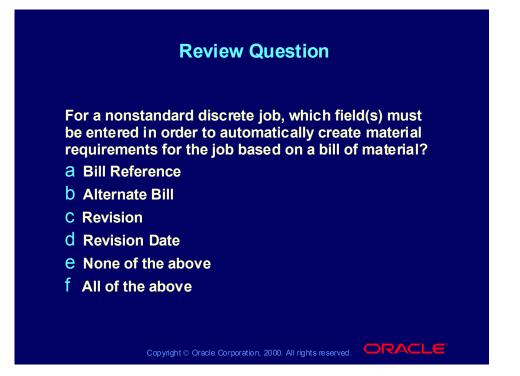


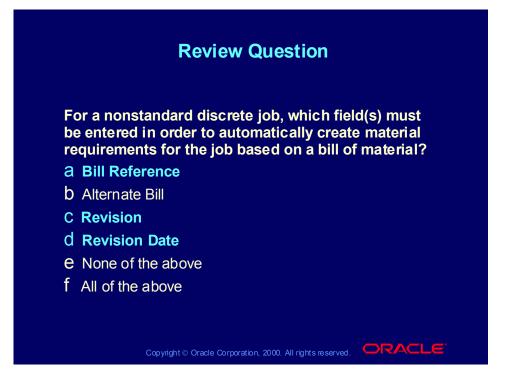


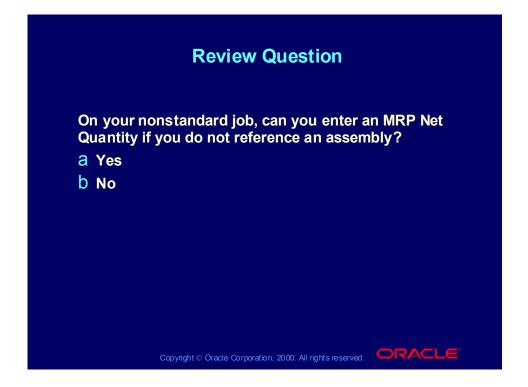


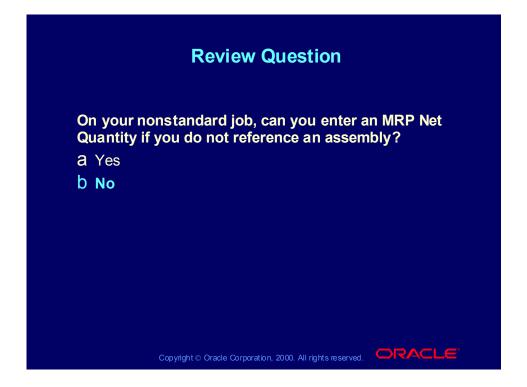


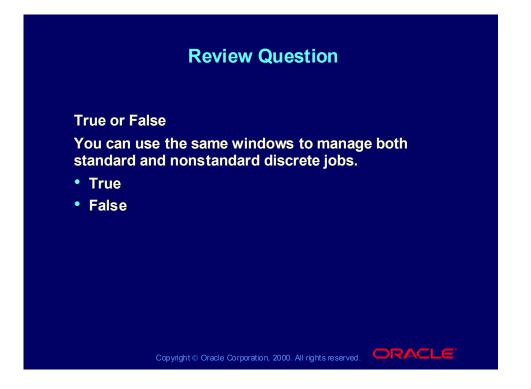


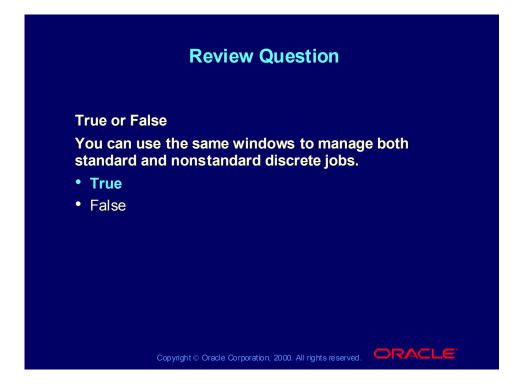






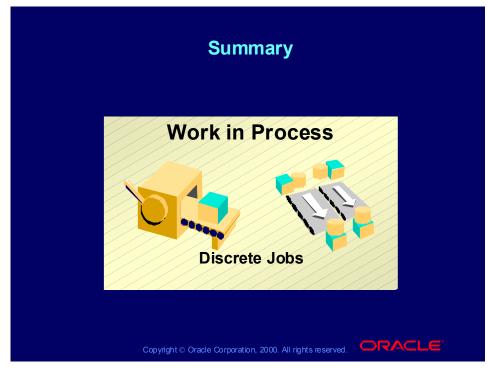






Agenda





Summary

