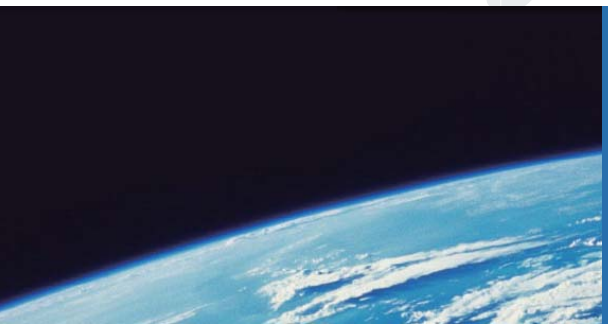
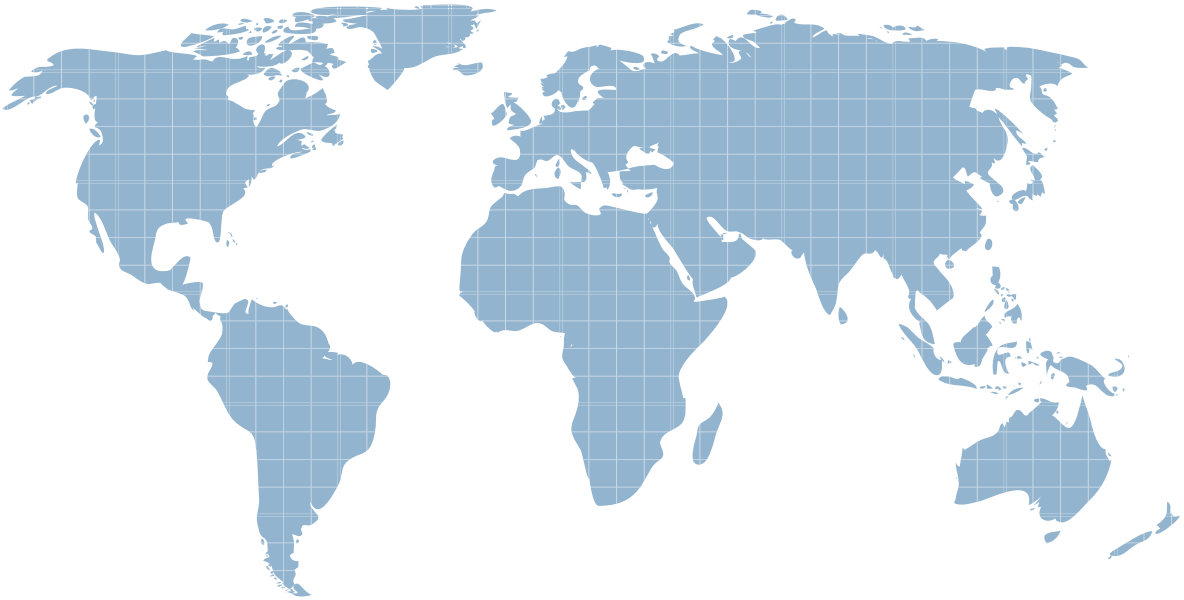


ITTEST

QUESTION & ANSWER

Guías de estudio precisos, Alta tasa de paso!



Ittest ofrece información actualizada de forma gratuita en un año!

http://www.ittest.es/

Exam : MB-320

Title : Microsoft Dynamics 365 Supply Chain Management, Manufacturing

Version : DEMO

Topic 1, CASE STUDY 1

Manufacturing Company

General information

A manufacturing company produces custom configured-to-order motorcycles. The company plans to implement Dynamics 365 Supply Chain Management. The company contains one legal entity located in Missouri where all production and warehousing operations occur.

Customization options

The custom motorcycles have a variety of selections that can be selected in the listed order by the end customer, including the following:

Selection order	Option	Values
1	Engine	Small = 0, large = 1
2	Color	black, green, orange, silver
3	Trim	standard, sport, legend
4	Seat	standard, MS, ML
5	Upgrade Packages	storage package, LED headlamp, custom chrome wheels

Current environment

Customization restrictions

The following restrictions on customizations are in place:

- Green color can only be sold with the Legend Trim.
- Orange color can be sold with the Sport or Legend Trim.
- The ML seat must be included in the Legend package.
- The MS seat must be included in the Sport package.

Manufacturing facilities

The company includes the following manufacturing groups: Assembly and Plastic Molding. The Assembly group is responsible for assembling the motorcycles with purchased and manufactured goods. The Plastic Molding group is responsible for manufacture of all plastic parts used in the assembly area.

Motorcycle manufacturing

The parts for the product assembly are picked from the warehouse and staged at the correct workstation by a warehouse operator for each production order.

Plastic manufacturing

Plastic parts are molded using dyes that create multiple parts at once. The parts are machined in the same production process to remove excess plastic and add additional holes for assembly. Excess plastic is recycled back into the feedstock of the same color plastic chips for use in the molding process.

Metal parts

Raw metal parts are purchased fully machined but without primer or paint. The parts are subcontracted to a vendor for primer and paint based upon the color requirements.

Facility

The company has a single warehouse that supports both the assembly and plastic manufacturing areas. The warehouse consists of three aisles with 15 bins and three shelves. The facility has no Wi-Fi capacity but has hardwired terminal stations throughout the assembly production line.

Transactions are currently completed by office staff. Raw materials transfer must support capacity constraints for paint and primer.

Requirements

Sales orders

The company has the following requirements for sales orders:
- During the configuration of a sales order, invalid combinations must be prevented.
- Each configuration must create a unique bill of material (BOM) and Route based on options selected.
- Sales pricing for the sales order must be based upon options selected.
- Due to emissions regulations, the motorcycles cannot be sold to the state of California.

Motorcycle manufacturing

The company has the following requirements for motorcycle manufacturing:
- Schedule labor only at the labor pool level without machines by day.
- Produce motorcycles within a scheduled day in any order.
- Record actual production labor with start/stop times.
- Record manager approval of labor entered prior to posting.
- Post actual material consumption after production is finished.

Plastic manufacturing

The company has the following requirements for motorcycle manufacturing:
- Schedule both labor and machines.
- Adjust schedules by using a Gantt chart.
- Backflush standard labor by operation.
- Post actual material consumption at the start of production.
- Track and allocate costs to the excess plastic.
- Report multiple molded part numbers during the same production run.
- Determine the correct mold to use on a production order.
- Generate a batch number for each production order.

Metal parts

The company has the following requirements for metal parts manufacturing:
- Schedule shipments to the vendor for painting.
- Receive painted parts into inventory from the vendor.
- Track vendor inventory levels.

Defaults

You must configure defaults for manufacturing execution production orders to meet the following

requirements:
- Ensure accuracy for production order pick list posting.
- Ensure correct pick list creation.

Issues
- In the current system, the company cannot calculate overhead rates and determine the breakdown of material, labor, machine, and overhead costs for production.
- The company is manually calculating an 8% overhead on materials and posting a journal manually.

DRAG DROP
You need to set up the system to calculate the overhead rates automatically for production.
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Define the basis for calculating costs as absorption.	
Create overhead calculation node for materials as surcharge and labor as rate for setup time.	
Create overhead calculation node for materials as input unit based and labor as rate for setup time.	
Create cost groups.	
Associate cost groups to items and cost categories.	
Define the basis for calculating costs as surcharge.	
Create price total and cost group nodes on costing sheet.	
Associate cost groups to items and resources.	

Answer:

Actions	Answer Area
Define the basis for calculating costs as absorption.	Create cost groups.
Create overhead calculation node for materials as surcharge and labor as rate for setup time.	Associate cost groups to items and resources.
Create overhead calculation node for materials as input unit based and labor as rate for setup time.	Create overhead calculation node for materials as surcharge and labor as rate for setup time.
Create cost groups.	Define the basis for calculating costs as absorption.
Associate cost groups to items and cost categories.	
Define the basis for calculating costs as surcharge.	
Create price total and cost group nodes on costing sheet.	
Associate cost groups to items and resources.	

2.You need to set up the metal production route and BOM.
Which three actions should you perform? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.
A. Set the operation route type as Standard.
B. Set the input warehouse on the resource to the vendor warehouse.
C. Set the operation route type as Vendor.
D. Set all BOM lines warehouse to the production warehouse.
E. Set all the BOM lines to resource consumption.
Answer: B,C,D

3.You need to set up the configuration model to price the motorcycles correctly.
What should you do?
A. Set Order type in price model to Sales Order and Pricing method in Version to Attribute based
B. Set Order type in price model to Sales Order and Pricing method in Version to Cost based.
C. Set Order type in price model to Sales Quotation and Pricing method in Version to Attribute based.
D. Set Order type in price model to Sales Quotation and Pricing method in Version to Cost based
Answer: A

4.HOTSPOT

You need to configure each item for plastic manufacturing.
Which production types should you use? To answer, select the appropriate option in the answer area.
NOTE: Each correct selection is worth one point.

Answer Area

Item	Production type
Raw plastic	None By-Product Co-Product Planning Item
Excess plastic	Scrap By-Product Co-Product Planning Item
Mold	None By-Product Co-Product Planning Item
Plastic parts	None By-Product Co-Product Planning Item

Answer:

Answer Area

Item	Production type
Raw plastic	None By-Product Co-Product Planning Item
Excess plastic	Scrap By-Product Co-Product Planning Item
Mold	None By-Product Co-Product Planning Item
Plastic parts	None By-Product Co-Product Planning Item

5.You need to configure the system for plastic operations.
Which two parts should be manually reported as finished? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.
A. unmachined plastic pieces
B. mold tooling
C. machined plastic pieces
D. excess plastic
Answer: A,C