Certification Exam Guide

Infor Certified M3 Manufacturing & Planning Consultant v13.4

Exam #: M3-119

Target Audience

The exam targets the skills and abilities required by an M3 Manufacturing & Planning v13.4 Consultant with relevant experience to successfully implement, configure, and modify customer solutions to meet the customer's business needs.

Exam Details

- Exam number: M3-119
- Onsite or Online, proctored
- 71 questions
- 90-minute time limit

Below are the steps to schedule and register for an onsite or online proctored exam.

Onsite

Prior to registering for an exam, please follow the steps below to register for your preferred exam date/time:

1. If required, create a new account by clicking here.
2. If you already have an account, login to Webassessor.
3. Click Register for an Exam.
4. Find the exam you wish to attempt.
5. Click Select next to the Onsite Proctored option.
6. Search for a test center or choose one of the closest test centers listed.
7. Select your preferred date and time to attempt the exam. (Test centers set their own testing schedules.)
8. Read and accept the Terms and Conditions and then click Select.
9. If you have a Voucher/Coupon code, enter the code and click Apply.
10. If the exam details are correct, click Checkout.
11. If using a credit card, choose your payment type and click Submit.
12. After confirming payment, click Done.
13. You will receive a confirmation email with your Test Taker Authorization Code and additional onsite details.
    Please Note:

- Ensure you have your Test Authorization Code with you when you arrive at the test center. You cannot attempt your exam without the Test Authorization Code, and no refund will be provided.
- Please arrive at the test center at least 15 minutes prior to your scheduled exam.
- Parking and other test center specific instructions are included in your confirmation email.

Register here

Online

Prior to registering for an exam, please follow the steps below at least 5 days prior to you preferred exam date/time:

1. Test your Internet connection. Run the test twice: once with the default server and then to a server in Arizona (e.g. Phoenix, AZ; Tempe AZ, Tucson, AZ; etc.) Results to an Arizona server must meet these minimum requirements:
   o Ping times must be less than 200ms
   o Jitter must be less than 50ms
   o Download and upload must be greater than 1Mbps

2. Ensure your computer meets other requirements outlined in this Guide. Some of the requirements are:
   o A webcam is required - built in webcams ARE permitted
   o A microphone is required - headsets are NOT permitted
   o Sentinel Secure software must be installed (MS Windows and MAC supported)

3. If you encounter any problems, contact Kryterion Support:
   o Voice: 866-227-7116 (U.S.) or +001-602-714-8235 (International)
   o Live Chat: www.kryteriononline.com/Support, then click on "LIVE HELP"
   o Email: OLPsupport@KryterionOnline.com

4. If required, create a new account by clicking here.

5. If you already have an account, login to Webassessor.

6. Click Register for an Exam.

7. Find the exam you wish to attempt.

8. Click Select next to the Online Proctored option.

9. Select your preferred date and time to attempt the exam and click Select.

10. Read and accept the Terms and Conditions and then click Select.

11. If you have a Voucher/Coupon code, enter the code and click Apply.

12. If the exam details are correct, click Checkout.

13. If using a credit card, choose your payment type and click Submit.

14. After confirming payment, click Done.

15. You will receive a confirmation email.

Register here

Exam Topic Area Summary

The following summarizes the percentage of each topic area included on the exam:

- Reporting - 15%
- Setup and Configuration - 34%
- Using - 51%

Related Training and Documentation

Although not required, the following training courses and documentation cover content included in this exam:

- Training courses found on Campus
    - M3: v13x Configuring Lot and Allocation Control
    - M3: v13x Configuring Manufacturing Orders
    - M3: v13x Configuring Tactical and Operational Planning
    - M3: v13x Configuring Warehouse Management and Distribution Orders
    - M3: v13x Manufacturing Foundation
- Other documentation (found on Infor Documentation Central)
    - M3 Financial Controlling User Guide
    - M3 Maintenance Management User Guide
    - M3 Manufacturing Execution User Guide
    - M3 Procurement User Guide
    - M3 Product Data Management User Guide
    - M3 Sales Management User Guide
    - M3 Supply Chain Execution User Guide
    - M3 Supply Chain Planning User Guide
- Practical experience

Exam Objectives by Topic Area and Resource

This certification exam includes the following exam objectives by topic and resource.

Resource and related exam objective(s)	Reporting	Setup and Configuration	Using
	15%	34%	51%
M3: v13x Configuring Lot and Allocation Control			
Describe the parameters used for various lot and allocation control settings.		X	
Test and verify various lot and allocation control settings using standard M3 functionality.		X	
M3: v13x Configuring Manufacturing Orders			
Report Manufacturing Order (MO) operations.	X		
Report material issue for Manufacturing Order (MO).	X		
Report picking list for Manufacturing Order (MO).	X		
Report quality control for Manufacturing Order (MO).	X		
Reporting Manufacturing Order (MO) Receipt.	X		

Resource and related exam objective(s)	Topic Area and Percentage		
	Reporting	Setup and Configuration	Using
	15%	34%	51%
Configure Planning Policy.		X	
Describe the workflow used in configuring manufacturing order setting.		X	
Identify key design considerations for configuring manufacturing orders.		X	
Create Operation in Product Structure.		X	
Create manufacturing orders.			X
Manually create Manufacturing Order (MO).			X
Describe put away finish goods for Manufacturing Order (MO).			X
Describe how to replan Manufacturing Order (MO).			X
Use attributes in product structure (PDS001) and Product Materials/Operations (PDS002).			X
Process Manufacturing Order (MO) - Synchronize Bulk and Pack Manufacturing.			X
Calculate Rough Cut Capacity.			X
M3: v13x Configuring Tactical and Operational Planning			
Configure Forecast Logic.		X	
Configure materials resource planning.		X	
Set up of a planning entity.		X	
Plan manufacturing capacity.			X
Calculate Rough Cut Capacity.			X
M3: v13x Configuring Warehouse Management and Distribution Orders			
Configure Product Structure.		X	
Display all the individual balance identities by location for an item.		X	
Create manufacturing orders.			X
Identify the main programs related to warehouse management configuration for supply chain execution.			X
Create multiple packages from a single (PMS050) receipt.			X
M3: v13x Manufacturing Foundation			
Report material issue for Manufacturing Order (MO).	X		
Describe how Infor M3 manages and integrates the activities within a manufacturing company.			X
Execute material requirements calculation for a forecasted item.			X
Execute the main process flows in Infor M3.			X
M3 Financial Controlling User Guide			
Calculate cost price.			X
M3 Maintenance Management User Guide			
Check component availability.			X
Describe start and stop of operation.			X
M3 Manufacturing Execution User Guide			
Report by-product for Manufacturing Order (MO).	X		

Resource and related exam objective(s)	Topic Area and Percentage		
	Reporting	Setup and Configuration	Using
	15%	34%	51%
Report Manufacturing Order (MO) operations.	X		
Configure PMS230 - Work Center Scheduling.			X
Create operation schedule using Work Center Schedule.			X
Manually create Manufacturing Order (MO).			X
Release Manufacturing Order (MO) proposal.			X
Describe how to replan Manufacturing Order (MO).			X
M3 Procurement User Guide			
Set up an Operation for Subcontracting.		X	
M3 Product Data Management User Guide			
Report manufacturing attributes.	X		
Create Component line on Bill of Material.		X	
Display where material is used.			X
M3 Sales Management User Guide			
Define a dataset.		X	
M3 Supply Chain Execution User Guide			
Report picking list for Manufacturing Order (MO).	X		
Describe how Infor M3 manages and integrates the activities within a manufacturing company.			X
M3 Supply Chain Planning User Guide			
Set up of a planning entity.		X	
Check component availability.			X
Execute material requirements calculation for a forecasted item.			X
Enter datasets.			X
Define a dataset.		X	
Practical experience			
Report quality control for Manufacturing Order (MO).	X		
Create operation schedule using Work Center Schedule.			X
Describe how to secure material availability.			X

Questions and Help

Additional Certification Program information is available at www.infor.com/certification

Additional information about Infor Education training courses is available at www.infor.com/education.

If you experience any issues when registering for a certification exam, please contact olpsupport@kryteriononline.com.

If you need help registering for a training course, please contact:

- For Americas: EducationAmericas@infor.com
- For Europe, the Middle East and Africa: EducationEMEA@infor.com
- For Asia Pacific: EducationAPAC@infor.com

Sample Questions

The sample questions below provide examples of the types of questions included on the certification exams delivered through the Webassessor testing platform. The correct answers are provided for reference purposes only in the following Key to Sample Questions section. **Note:** The Webassessor platform randomizes all certification question items and answer options during the exam.

1. You want to view all your planned transactions with the combination of item and warehouse starting with today's date and going forward into the future. You do not want to view the reported transactions prior to today. Which one of the following files should you access to view these transactions?

   A. ○ MITPLO
   B. ○ MITALO
   C. ○ MITLOC
   D. ○ MITBAL
   E. ○ MITTCD

2. During a manufacturing process at a meat processing plant, the main product produced is a filet steak. Any unintended excess is used to make pet food. Which one of the following products describes this process?

   A. ○ Co-product
   B. ○ By-product
   C. ○ Finished product
   D. ○ Semi-finished product

3. You want to create capacity for work centers. Which one of the following settings do you use?

   A. ○ Operation elements
   B. ○ Alternate routing
   C. ○ Shifts
   D. ○ Material and operations connections

4. Which one of the following describes the main purpose for creating datasets in M3?

   A. ○ Stock transaction history
   B. ○ Sales order statistics
   C. ○ Manufacturing Order post calculation
   D. ○ Inter-company relations

5. A finished item can store 1000 pieces on a pallet. Anything less than 100 pieces are stored in boxes. During the MO receipt process, you want the system to perform this process automatically. Which two of the following tasks are required to configure this automatic process in Item. Connect Packaging? Choose 2 answers.

   A. ☐ Create different records per warehouse
   B. ☐ Control the split using minimum and maximum quantities
   C. ☐ Enter a customer ID to the packaging ID
   D. ☐ Include two entries per item with different packaging IDs

6. You want to group demand for materials by work center for the warehousing team to retrieve product for multiple manufacturing orders. Which one of the following can you use to group the demand in this way?

   A. ○ Standard Picklist(s) per delivery
   B. ○ Material Requisition Sheet
   C. ○ Wave Picklist
   D. ○ Shop Traveler

7. You want to set your production days and general capacity on specific days of the week at the company level. Which one of the following programs should you use to configure the production days and capacity?

   A. ○ Work Center (PDS010)
   B. ○ System Calendar (CRS900)
   C. ○ Work Center. Change Capacity (PDS015)
   D. ○ Facility (CRS008)

8. The manufacturing settings configuration workflow includes the following five tasks:
   1. Division settings
   2. Item settings
   3. Item/warehouse and item/facility settings
   4. Company settings
   5. Product settings

   Which one of the following is the correct order in which those tasks should be performed?

   A. ○ 1, 2, 3, 4, 5
   B. ○ 2, 3, 5, 4, 1
   C. ○ 3, 4, 1, 5, 2
   D. ○ 4, 1, 2, 3, 5
   E. ○ 5, 2, 4, 1, 3

9. During the MO receipt process, you want to enter a total quantity and allow the system to break this down into packages. Which one of the following programs must you configure to enable the system to break down quantities into packages?

   A. ○ Packaging Type. Open (DRS080)
   B. ○ Manufacturing Order Type. Open (PMS120)
   C. ○ Item. Connect Packaging (MMS053)
   D. ○ Packaging. Open (MMS050)

10. Which one of the following programs do you check ATP for materials required for a manufacturing order?

    A. ○ Manufact Order. Open (PMS100)
    B. ○ Work Center Schedule. Open (PMS230)
    C. ○ Manufact Order. Enter (PMS001)
    D. ○ Check Comp Availability (PMS040)

11. Which one of the following is reported/indicated on the Manufact Order. Report Receipt (PMS050) program?

    A. ○ Quantity received
    B. ○ Quantity issued again a requisition
    C. ○ Quantity manufactured
    D. ○ Quantity on-hand

12. You are setting up a product structure for an item. Which one of the following is your first step?

    A. ○ Create product structure header (register item as a product)
    B. ○ Register operations in routing (define product routing OR Detail the manufacturing method)
    C. ○ Register material in BOM (create a list of all subassemblies, intermediates, parts, and raw materials)
    D. ○ Connect documents to product structure (include document identity of drawings, technical specifications, layouts, and so on for the work center operation)

13. You are creating a component line on a bill of materials. Which <u>three</u> of the following fields must you enter? Choose 3 answers.

    A. ☐ Sequence number
    B. ☐ Summary
    C. ☐ Component number
    D. ☐ Quantity
    E. ☐ Capacity number
    F. ☐ Costing

14. Which one of the following issue methods is used to backflush material from the location specified in the item warehouse record in MMS002 when reported as produced?

    A. ○ 3–Backfl put-away
    B. ○ 4–Backflush op 2
    C. ○ 5–Backf put-away 2
    D. ○ 6–Backf op 2

15. The MRP II concept manages the planning of resources and material during the planning process and includes the following tasks:

    1. Capacity Requirements Planning
    2. Resource Planning
    3. Rough-cut Capacity Planning
    4. Sales and Operations Planning
    5. Input/Output Control

Which one of the following is the correct order in which those tasks should be performed beginning at the strategic level?

    A. ○ 1, 2, 3, 4, 5
    B. ○ 5, 4, 3, 2, 1
    C. ○ 4, 2, 3, 1, 5
    D. ○ 3, 1, 5, 2, 4
    E. ○ 2, 3, 4, 1, 5

16. Which one of the following policies define the rules for action messages?

    A. ○ Dispatch policy
    B. ○ Order policy
    C. ○ Supplier policy
    D. ○ Planning policy

17. You want to report a finished product has been put away, even though a manufacturing order was not created. Which one of the following programs should you use to report the put away of this finished product?

    A. ○ Manufact Order. Report Order-less (PMS260)
    B. ○ Manufact Order. Report Issue (PMS060)
    C. ○ Manufact Order. Report Receipt (PMS050)
    D. ○ Item. Open (MMS001/E)
    E. ○ Item. Connect Warehouse (MMS002)

Key to Sample Questions

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