

Microsoft Certified: Dynamics 365 Manufacturing Functional Consultant Associate – Skills Measured

NOTE: The bullets that appear below each of the skills measured are intended to illustrate how we are assessing that skill. This list is not definitive or exhaustive.

NOTE: In most cases, exams do NOT cover preview features, and some features will only be added to an exam when they are GA (General Availability).

Use common functionality and implementation tools

Identify common Microsoft Dynamics 365 Finance features and functionality

- determine when to use workspaces
- identify use cases for Power Platform apps including Power Apps, Power BI and Microsoft Flow
- identify and differentiate between the global address book and other address books
- demonstrate Work Items functionality
- demonstrate Microsoft Dynamics 365 Finance navigation techniques
- identify Inquiry and Report types available in a default installation

Implement Lifecycle Services (LCS) tools

- identify opportunities to re-use existing assets
- analyze Business Process Modeler results and identify gaps in functionality
- including creating an Acceptance Testing BPM library and analyzing the results
- use the LCS tools including Issue Search and analyze results

Configure security, processes, and options

Implement security

- identify and distinguish between the various standard security roles in Finance and Operations
- distinguish between duties, privileges, and permissions
- assign users to security roles based on given scenarios

Design and create workflows

- identify opportunities for automation and controls based on customer workflows
- configure workflow properties and elements

- troubleshoot workflows

Configure options

- set up and configure legal entities
- configure base number sequences
- import or create all necessary startup data including Zip/Postal Code data, customers, vendors, and products
- configure the calendars and date intervals
- configure units of measure and conversions
- configure posting profiles and definitions
- create organization hierarchies
- apply purposes and policies
- describe and apply user options

Implement Microsoft Dynamics 365 Finance common features

- configure Microsoft Office integration with Microsoft Dynamics 365 Finance
- configure email (SMTP/Exchange)
- create and maintain email and record templates
- integrate Power BI with Entity store
- create, export, and import personalizations
- set up network printing

Implement business processes for the solution

- define use case scenarios
- participate in phase-based planning processes and the solution design
- design and create workflows
- set up batch Jobs and alerts
- use business process workspaces

Perform data migration

Plan a migration strategy

- identify common migration scenarios and tools in Microsoft Dynamics 365 Finance
- determine migration scope
- identify relevant data entities and elements based on given scenarios
- establish migration strategy processes including migration scope

Prepare data for migration and migrate data

- identify and extract source data

- generate field mapping between source and target data structures
- support the transition between the existing and migrated systems
- perform a test migration and validate output from the process

Validate and support the solution

Implement and validate the solution within Microsoft Dynamics 365 Finance

- perform user acceptance testing (UAT)
- prepare and validate to Go live
- build test scripts to test business functionality
- automate test case automation by using the Regression Suite Automation Tool (RSAT)
- demonstrate the correlation between test scripts and business requirements
- monitor validation test progress and make ad hoc changes during validation testing to correct identified issues

Support Application Lifecycle Management (ALM) by using LCS

- perform a solution gap analysis
- use LCS tools to identify, report, and resolve issues
- manage Microsoft Dynamics 365 One Version

Set up and configure manufacturing

Implement and test the production control module

- identify components of unified manufacturing
- validate the interconnectivity between General Ledger and the production control modules
- implement parameters, production orders, and life cycle
- implement and manage subcontracting processes
- configure and manage Costing sheets
- implement and manage work Calendars
- configure Inventory dimensions in Production
- implement and manage resources and resource groups
- create and manage operations and routes

Configure and manage a product configuration model

- build and manage product configuration model components
- create and manage products
- configure and manage constraints
- configure and manage BOM lines and route operations

- configure and manage pricing for production configuration models
- describe the purpose and capabilities of the product configuration models

Create and manage production and lean orders

Create common components of production and lean orders

- create and configure catch weight items
- create production flows
- create and manage Kanbans
- create and manage formulas
- create and process batch, production, and lean orders
- set up and maintain commodity pricing
- apply product compliance standards
- identify items and substitute items within a bill of material (BOM) or formula

Manage scheduling and subcontracting

- implement processes to manage Scrap and Waste for a Discrete order
- implement production scheduling and subcontracting
- implement activity-based subcontracting
- create and maintain project items and item tasks

Create, process, and manage production batch orders

Manage the Production batch order lifecycle

- process Batch orders
- implement containerized packaging
- set up and maintain commodity pricing
- manage product compliance
- implement and configure rebates
- implement lot and batch control processes
- create planned production batch orders by using the Master Planning module
- implement processes to manage Scrap and Waste of a Batch order
- perform a batch Rework
- configure batch reservations and expiration dates
- identify and configure batch attributes for processes
- implement integrated batch processing with warehouse management system (WMS), also known as Advanced Warehouse Management
- complete production processes for co-products and by-products

Manage and maintain formulas

- create and manage co-products and by-products
- create and manage planning items
- create and manage formulas with scalable and percentage-based calculations
- create and manage formulas with co-products, by-products, and planning items
- create and manage formulas with active ingredient-based calculations
- implement step consumption and batch consumption

Configure and manage manufacturing executions

- identify the capabilities and limitations of the manufacturing executions module
- identify the responsibilities of the security role managing the production processes
- process Production orders by using manufacturing execution processes
- process lean orders by using Kanban boards
- identify the process workflows for managing a production environment