

# Microsoft Certified: Dynamics 365 Supply chain management, Manufacturing Functional Consultant Associate – Skills Measured

**This document contains the skills measured on the exams associated with this certification. It does not include any upcoming or recent changes that have been made to those skills. For more information about upcoming or recent changes, see the associated exam details page(s).**

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).

## Exam MB-300: Microsoft Dynamics 365: Core Finance and Operations

### Describe finance and operations apps, and extend apps by using Microsoft Power Platform technologies (20-25%)

#### Identify and use common apps, features, and functionality

- describe apps in the finance and operations portfolio
- describe the main components of Dynamics 365 Commerce
- describe uses cases for and capabilities of workspaces and mobile workspaces
- describe case management
- describe global address book features and their use cases
- identify inquiry and report types available in a default installation
- describe use cases for the Business document management and electronic reporting features
- perform searches, save queries and views, create and use, record templates, and create filters

#### Extend app functionality by using Microsoft Power Platform technologies

- identify use cases for Microsoft Dataverse
- identify use cases for Power Apps
- identify use cases for Power Automate
- identify use cases for Power BI
- identify use cases for Power Virtual Agents

## **Configure administrative features and workflows (30-35%)**

### **Implement security**

- distinguish between roles, duties, privileges, and permissions
- assign security roles to users based on requirements
- describe segregation of duties
- describe and use the security diagnostics tool

### **Design and create workflows and business events**

- describe use cases for workflows
- design and create workflows
- configure workflow properties, tasks, approvals, and elements
- configure queues, workflow assignment hierarchies, workflow parameters, and troubleshoot workflows
- troubleshoot workflows
- manage workflow versions
- Trigger Power Automate flows by using business events

### **Configure organization administration features**

- set up and configure legal entities and operating units
- configure and troubleshoot number sequences
- create organization hierarchies
- describe and apply user options
- configure document handling for attachments
- configure print management and form setup features

### **Configure system administration features**

- describe use cases for the Microsoft Excel Workbook Designer and the Microsoft Dynamics Office add-in
- configure email (SMTP/Exchange)
- create and maintain email templates
- describe use cases for Entity store
- create, export, and import personalization
- publish saved views
- set up and monitor batch jobs
- set up alerts

## **Manage finance and operations data (25-30%)**

## **Manage data**

- describe use cases for the Data Management framework
- describe use cases for projects, data entities, and templates
- copy configuration data between companies or legal entities by using the data management framework
- describe use cases for the dual-write feature

## **Describe the migration process**

- identify common migration scenarios and tools in finance and operations apps
- identify relevant data entities and elements based on given scenarios
- identify data migration requirements

## **Prepare data for migration and migrate data to finance and operations apps**

- identify types of data including master, transactional, reference, and parametric
- generate field mapping between source and target data structures
- import or export data by using the data management framework
- support the transition between the existing and migrated systems
- perform a test migration and validate output from the process
- implement data task automation

## **Validate and support solutions (20-25%)**

### **Test solutions**

- describe types of testing, including unit, regression, functional, and end-to-end
- describe capabilities of available testing tools
- track work items through a project implementation by using Azure DevOps
- create test cases and test plans by using Azure DevOps
- automate and manage test cases by using the Regression Suite Automation Tool (RSAT)
- create test scripts by using Task recorder and upload scripts to Business process modeler or Azure DevOps

### **Describe and use Lifecycle Services tools**

- identify use cases for project asset libraries and shared asset libraries
- describe environment purposes and topologies
- differentiate between Tier 1 environment and other tiers
- describe use cases for Business process modeler libraries
- describe the types of environments including sandbox, test, and production
- report production outages

- create and save trace files to troubleshoot performance issues
- describe the impacts of Dynamics 365 One Version service updates on projects

## **Exam MB-320: Microsoft Dynamics 365 Supply Chain Management, Manufacturing**

### **Configure Dynamics 365 Supply Chain Management, Manufacturing (35-40%)**

#### **Configure and manage the production control module**

- manage product compliance
- configure commodity pricing
- configure scrap and waste
- differentiate and configure production parameters and statuses
- configure substitute items
- implement subcontracting
- configure production groups, production units, and production pools

#### **Configure and manage resources for production processes**

- implement and manage work calendars and working time
- configure inventory, product, storage, and tracking dimensions in production
- create and configure resource capabilities
- implement and manage resources and resource groups
- create and manage operations and routes

#### **Configure process manufacturing**

- configure batch reservations and expiration dates
- identify and configure batch attributes
- configure batch balancing
- configure co-products and by-products for batch orders
- configure planning items
- configure formulas by using scalable and percentage-based calculations
- configure formulas by using active ingredient-based calculations
- configure catch weight items

#### **Configure discrete manufacturing**

- create bill of materials (BOM) and item configurations
- create and release a dimension-based product master

- define configuration groups and routes for dimension-based product

### **Configure lean manufacturing**

- create value streams and production flows
- configure production flow costing
- create Kanban rules

## **Manage manufacturing processes (20-25%)**

### **Manage batch orders**

- create and process batch orders
- implement lot and batch control processes
- configure consolidated batch order processes
- create and process report as finished co-product journals
- manage batch order sequencing
- create and process a rework batch order

### **Manage production orders**

- creating and process production orders
- create and process picking journals
- create and process job card journals
- create and process report as finished journals
- reset the status of a production order

### **Manage Kanban orders**

- process Kanban orders by using Kanban boards
- create and manage fixed, scheduled, and event Kanbans
- implement activity-based subcontracting

## **Implement master planning for production (10-15%)**

### **Configure and manage master planning**

- set up coverage groups and item coverage
- differentiate between action messages, delay messages, time fences, and negative days
- process and view planned orders

### **Plan, schedule, and perform production capacity planning**

- define scheduling parameters
- view, monitor, and update production schedules
- configure capacity for production resources including machines, labor, and tooling

## **Implement other manufacturing features (15-20%)**

### **Configure manufacturing execution**

- configure time and attendance prerequisites and parameters
- identify the capabilities of Manufacturing Execution
- process production and batch orders by using manufacturing execution processes
- configure job card devices and terminals
- register a worker for a job card device or terminal

### **Configure costing policies**

- configure and manage costing sheets
- configure and use cost groups
- configure indirect costs
- configure and manage costing versions and cost categories
- configure and perform BOM/formula calculations

### **Design product configuration models by using Product Configurator**

- create and build a product configuration model that includes components and subcomponents
- create and manage product configuration model components
- create calculations for product configuration models
- differentiate between table and expression constraints
- describe use cases for BOM lines and route operations
- configure and manage pricing for production configuration models
- describe the purpose and capabilities of the product configuration models