



Founder & CEO

ROHELA KHAN

Solution Architect/Trainer/Blogger/Story
Teller in SAP EWM/ Yard Logistics/TM

SAP S/4 HANA QM

(QUALITY MANAGEMENT) COURSE CONTENT

Module 1: Introduction to SAP QM in S/4HANA

Learning Objectives

-  Understand the role of QM in the supply chain and manufacturing processes
-  Learn the integration points of QM with PP (Production), MM (Materials Management), SD (Sales & Distribution), EWM (Extended Warehouse Management)

Topics

-  What is SAP Quality Management?
-  SAP S/4HANA architecture overview for QM
-  Master data in QM
-  Key processes: Quality planning, Quality inspection, Quality control, Quality notifications

Exercise

-  Navigate QM-related apps in Fiori Launchpad
-  Display a material master record with QM view

Module 2: QM Master Data

Learning Objectives

-  Create and manage master data relevant to QM
-  Understand inspection characteristics, plans, and catalogues

Topics

-  Quality info record (vendor + material specific requirements)
-  Inspection characteristics (quantitative, qualitative)
-  Sampling procedures
-  Inspection plans
-  Catalogues (defect codes, usage decisions)



Exercise

-  Create an inspection plan for a finished good
-  Set up sampling procedure

Module 3: Quality Planning

Learning Objectives

-  Define inspection plans and strategies
-  Understand how quality planning influences inspection

Topics

-  Inspection plan creation and maintenance
-  Material specifications
-  Reference operation sets

Exercise

-  Assign a material to an inspection plan
-  Link inspection characteristics to operations

Module 4: Quality Inspection

Learning Objectives

-  Perform inspections during goods receipt, production, and delivery
-  Record results, make usage decisions

Topics

-  Inspection lot creation (automatic/manual)
-  Results recording
-  Usage decision
-  Stock postings from QM

Exercise

-  Post goods receipt with inspection lot creation
-  Perform results recording
-  Make a usage decision to release stock



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Module 5: Quality Notifications

Learning Objectives

-  Manage internal and external quality issues
-  Process complaints, defects

Topics

-  Notification types (customer complaint, vendor complaint, internal problem)
-  Structure of a notification
-  Tasks, activities, items in a notification

Exercise

-  Create a quality notification for vendor defect
-  Track and close a notification

Module 6: Quality Control

Learning Objectives

-  Understand quality control tools in SAP
-  Use control charts, quality scores

Topics

-  Statistical process control in S/4HANA
-  Quality level updates
-  Dynamic modification of inspection

Exercise

-  Set up dynamic modification rule
-  Analyze quality scores

Module 7: QM Integration

Learning Objectives

-  Understand how QM integrates with other modules



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Topics

-  QM + MM: Vendor inspections at GR
-  QM + PP: In-process inspection
-  QM + SD: Customer returns
-  QM + EWM: Inspection in warehouse

Exercise

-  Simulate GR inspection integrated with EWM
-  Create a return delivery with inspection

Module 8: Fiori Apps & Analytics for QM

Learning Objectives

-  Use Fiori apps for QM processes
-  Analyze QM data with S/4HANA analytics

Topics

-  Fiori apps for quality inspection, notifications
-  Embedded analytics (quality score dashboards, defect analysis)

Exercise

-  Run a defect analysis report
-  Use Fiori app to monitor inspection lots

Sample Scenario for End-to-End Training

-  A company receives raw material, performs GR inspection, identifies defect →
-  raises notification → rejects stock → follows up with vendor.

Key Transactions / Fiori Apps

-  Function | Classic T-Code | Fiori App
-  Create inspection lot | QA01 | Manage Inspection Lots
-  Results recording | QE01 | Record Inspection Results
-  Usage decision | QA11 | Make Usage Decision
-  Create quality notification | QM01 | Manage Quality Notifications
-  Create inspection plan | QP01 | Manage Inspection Plans