

S4140

Quality Management in SAP S/4HANA

COURSE OUTLINE

Course Version: 20

Course Duration:

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Typographic Conventions

American English is the standard used in this handbook.

The following typographic conventions are also used.

This information is displayed in the instructor's presentation	
Demonstration	
Procedure	
Warning or Caution	
Hint	
Related or Additional Information	
Facilitated Discussion	
User interface control	<i>Example text</i>
Window title	<i>Example text</i>

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Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Application Consultant
- Program/Project Manager
- Business User
- End User
- Super / Key / Power User

Lesson 1: Accessing the SAP System

Lesson Objectives

After completing this lesson, you will be able to:

- Log on to the system successfully
- Name and use elements of an SAP GUI screen

Lesson 2: Calling Functions

Lesson Objectives

After completing this lesson, you will be able to:

- Use various methods to call SAP system functions
- Describe the standard menus System and Help

Lesson 3: Getting Help

Lesson Objectives

After completing this lesson, you will be able to:

- Use the basic functions of the F1 help and the F4 help
- Display the information in the online documentation

Lesson 4: Personalizing the User Interface

Lesson Objectives

After completing this lesson, you will be able to:

- Use the various options for personalizing the SAP system

Lesson 1: Outlining Processes and Available Solutions

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the basics of the EDP-based Quality Management System
- Describe the software solutions provided by SAP and, in particular, the solutions and functional areas of quality management

Lesson 2: Identifying Quality Management as Part of the SAP Solution Portfolio

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the subareas of SAP S/4HANA Quality Management and their tasks

Lesson 1: Using Quality Management in Company Processes

Lesson Objectives

After completing this lesson, you will be able to:

- Understand the use of quality management in the different processes within a company
- Explain the possible uses of quality management for your company

Lesson 2: Integrating Quality Management Processes in the Logistics Supply Chain

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the planned processes and the event-controlled processes in Quality Management

Lesson 1: Processing Quality Management Tasks in Procurement

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the procurement processes from a quality management standpoint
- Explain inspection and certificate processing at goods receipt

Lesson 1: Processing Quality Management Tasks in Production

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the possible uses of the SAP Application Quality Management in production
- Describe the process flow and consequences of quality inspection during production
- Perform quality inspections for a goods movement after production is completed

Lesson 1: Processing Quality Management Tasks in Sales and Distribution

Lesson Objectives

After completing this lesson, you will be able to:

- List the options for using the SAP Application Quality Management in the sales processing and service areas
- Use quality notifications for processing customer complaints

Lesson 1: Using Logistics Master Data in Quality Planning

Lesson Objectives

After completing this lesson, you will be able to:

- Explain and use logistics master data in quality planning

Lesson 2: Executing Inspection Planning and using Quality Management Basic Data

Lesson Objectives

After completing this lesson, you will be able to:

- Executing Inspection Planning
- Explain Quality Management Basic Data
- Explain the structure of inspection plans
- Describe the using of Task Lists

Lesson 3: Using Failure Mode and Effects Analysis and Control Plan

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the contents of FMEA and control plan

Lesson 1: Using the Inspection Lot

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the creation of inspection lots
- Explain the process flow of a quality inspection

Lesson 2: Processing Inspection Lot Creation

Lesson Objectives

After completing this lesson, you will be able to:

- Explain how the inspection specifications are determined and explain the steps in inspection lot creation

Lesson 3: Executing Quality Inspection and Inspection Lot Completion

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the processes in results recording and defects recording
- Complete the inspection lot with the usage decision
- Explain the processes involved in the copy inspection results function

Lesson 4: Using Sample Management

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the objects used in sample management
- Use sample management in inspection planning
- Describe the inspection process using sample management

Lesson 1: Processing Quality Certificates

Lesson Objectives

After completing this lesson, you will be able to:

- Plan certificates
- Create quality certificates for the outbound delivery
- Create quality certificates for the outbound delivery

Lesson 1: Performing General Notification Processing

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how notifications can be used
- Explain the structure of a notification
- Record and process notifications in the system

Lesson 2: Using Quality Notifications in the Logistics Supply Chain

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the possible uses of quality notifications
- Explain how notifications are processed

Lesson 1: Using Dynamic Modification and Statistical Process Control

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the uses of dynamic modification
- Plan and use quality control charts

Lesson 2: Analyzing Quality Scores and Quality Costs

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the purpose of the quality score for the inspection lot
- Describe the effect of quality on the vendor evaluation
- Explain quality-related costs

Lesson 3: Using Evaluations in Quality Management

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the different evaluation options
- Perform evaluations for the inspection results and in the QM Analytics

Lesson 1: Using Test Equipment Management

Lesson Objectives

After completing this lesson, you will be able to:

- Describe the planning of the calibration inspection
- Perform the calibration inspection

Lesson 1: Analyzing the Stability Study Process Flow

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the process flow of a stability study
- Plan and execute a stability study

Lesson 2: Identifying the Objects in the Stability Study

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the objects used in a stability study
- Describe the activities involved in a stability study

Lesson 1: Using Audit Management

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the components of Audit Management
- Execute an audit
- Explain the planning of an audit

Lesson 1: Implementing QM

Lesson Objectives

After completing this lesson, you will be able to:

- Describe how to adapt the system to suit your needs
- Explain the most important tools used during project realization