

# SAP QM

## Introduction

Quality Management focuses on the market requirements for quality management procedures, the business processes in a company, as well as data processing support for integrating quality management functions in the logistics supply chain.

The main task of a quality management system is to ensure that at every stage of the logistics supply chain, business processes and the resulting products fulfill the quality requirements that have been laid down for them.

The integration of the QM application component in the R/3 System allows quality management tasks to be combined with those in other applications (such as materials management, production, sales and distribution and cost accounting) and supports tasks associated with quality planning, quality inspection and quality control. In addition, it controls the creation of quality certificates and manages problems with the help of quality notifications.

## Course Contents

Competency	Topic
<b>Audit Management</b>	Audit execution
	Audit planning
	Create question list
	Evaluations for audit
<b>Configuration &amp; Organization</b>	Analysis tools
	Archiving
	Authorization concept
	BAdIs
	BAPIs
	Customizing
	Enhancements
	Field selection
	Follow-up actions
	Interfaces
	Lists
	SAPScript forms
	Status management

	User roles
<b>Integration of QM &amp; MM</b>	Handling unit management
	Manufacturer part number
	Material master
	Quality info record procurement
	Source inspection, GR inspection
	Vendor evaluation, release, selection
	Warehouse management
<b>Integration of QM with S&amp;D &amp; Service</b>	Inspections for delivery
	Make-to-order production
	Make-to-stock production
	Quality info records S&D
	Repair and returns processing
<b>QM in Discrete Manufacturing</b>	Inspection at end of production
	Inspection in repetitive manufacturing
	Inspection throughout production
	Inspection with external processing
	Integrated inspection planning
	Routing, reference operation set, rate routing
	Statistical process control (SPC)
<b>QM in Process Industries</b>	Batch evaluation
	Batch record
	Change management
	Digital signature
	Inspection at end of production
	Inspection throughout production
	Integrated inspection planning
	Integrated inspection processing
	Master recipe
	Recurring inspections
	Statistical process control (SPC)
<b>Quality Certificates</b>	Certificate creation
	Certificate planning
	Quality certificates in the Web
	Quality data exchange
<b>Quality Control</b>	SAP NetWeaver Business Intelligence
	Dynamic modification
	Interfaces to subsystems (QM-STI)
	Quality scores, results history
	Quality-related costs
	Standard analyses, flexible analyses, Early Warning System
	Statistical process control (SPC)

<b>Quality Inspection</b>	Defects recording
	Inspection lot
	Results recording
	Usage decision
<b>Quality Notifications</b>	Complaints against the vendor
	Customer complaints
	Internal problem message
	Notification systems
	Simple message
<b>Quality Planning</b>	Basic data
	Inspection planning
	Logistics master data
<b>Sample Management</b>	Confirmation requirement
	Physical sample
	Physical-sample category
	Sample drawing procedure
<b>Stability Study</b>	Close stability study
	Create stability study
	Initial test
	Stability planning
	Stability tests
<b>Test Equipment Management</b>	Calibration inspection
	Calibration planning
	Test equipment
	Test equipment tracing