Learning Experience for DELMIAWorks

Content Profile

QUALITY & COMPLIANCE MANAGEMENT SOFTWARE (QMS)

Learning Experience for DELMIAWorks

Our self-paced, virtual and extensive portfolio contains several modules regarding:

Quality & Compliance Management Software (QMS)

QMS provides management tools that help reduce the cost of quality, effectively manage quality issues, evaluate and streamline current manufacturing & business operations while addressing stringent quality compliance standards including automotive (TS), medical (FDA, 21 CFR Part 11) and ISO.

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Quality Basics

Ensuring Team Members and Workflow functionality are correctly configured ensures that your users can receive automatic emails and alerts to approve/review quality items, and can submit notes/updates that are linked via these records to ensure system wide communication to ensure quality issues get addressed quickly.

Training Content Profile (Fundamental)

In this module, you will learn how to create and delete Team Members, how to create a Workflow template, how to delegate and replace workflow responsibilities for Team Members, using Team Member and Workflow options and how to use a workflow template to push a purchase order through the approval process

Team Members

The workflow process used in the quality modules requires certain individuals to act as reviewers and approvers. This module creates the team members and sets their level or responsibility. The list that is built here will be a pool of members to choose from when assigning them to projects in the Quality modules, and other various modules in the system that have workflows such as CRM, PO Approvals, and Project Manager

Training Content Profile (Advanced)

This trainer led session provides an overview of the Team Member Module: including important settings, file paths, delegates, and calendar setup.

Document Control

The Document Control module provides the EnterpriseIQ user the ability to manage all External documents (documents attached to various areas of EnterpriseIQ as external documents). Document control provides a secure place for documents as well as a means for circulating the current revision, while keeping old revisions on file. Document Control helps you meet requirements for strict document control for example standards such as ISO 9000 and QS 9000.

Training Content Profile (Overview, Fundamental, Technical Summary & Advanced)

With a variety of learning formats and 7 modules, topics from configuration, utilizing and maintaining records in Document Control are covered including library configuration and key options and functionality that allow document access for users throughout the system, how to add documents to your libraries including workflow approval setup and processing steps, how to utilize each library based on your company needs, reviewing document history and revisions and much more

Engineering Change Order System – ECO

An easy-to-use module to control item revisions and bill of material changes for current and future adjustments while linking to the entire ERP and manufacturing system where critical changes matter most. Create user defined ECO templates that outline required Element and Checklist items for Team Members to complete in order for ECO approval.

Training Content Profile (Fundamental)

This technical style course provides users with a step by step review for creating, configuring and utilizing Engineering Change Orders within DELMIAWorks. This includes various ECO Types and their purpose, approval workflow template creations, configuring an ECO Bill of Material and approval of BOM, Equipment and JobShop ECO types.

Corrective Action Request - CAR/CAPA

The Corrective Action Request (CAR) and CAPA modules in EnterpriseIQ enables manufacturers to document, manage and track their corrective action activities. The two modules are very similar and the information in this section applies to both modules. Any differences will be noted in the following documentation.

Training Content Profile (Fundamental & Advanced)

Technical and trainer led sessions provide a step by step guide to creating CAR/CAPA reports and also a higher level view of the Corrective Action - CAR/CAPA Module including its interaction and relationship within the system to various modules, the purpose of a corrective action, review templates & workflow routing and important fields & options within the Corrective Action Request record.

Material Review Board – MRB

Track and maintain all non-conformances with electronic documents and detailed audit trails for raw materials, work in progress or finished goods. When MRB's are linked to a customers or vendor, customer service interactions improve with faster responses, increase in product quality, and overall customer satisfaction.

Training Content Profile (Fundamental)

This technical style module teaches users MRB module functions and approvals including MRB creation via the two methods available, creating an approval workflow template, linking inventory items/non-conform locations/customers or vendors to the record. It also provides an overview of Repair Work Order and MFG Rework Order procedures including Bill of Material updates and how to approve an MRB via workflow and Team Member configuration.

Quality Audit

Ensure you meet industry and corporate compliance measures with Quality Audit and efficiently audit internal and external processes or a specific part of the process and uncover crucial areas for improvement. Using embedded workflow functionality, workflow Gantt charts and document control, the Quality Audit module can audit processes with packing slips, products, suppliers and customer complaint forms and more.

Training Content Profile (Advanced)

In this trainer led session, users are shown an advanced review of the Quality Audit module including the types of audits and when they are used, configuring audit templates and identify key options and data fields, the workflow approval process from start to finish, scheduling & archiving records and the steps required to execute a Quality Audit.
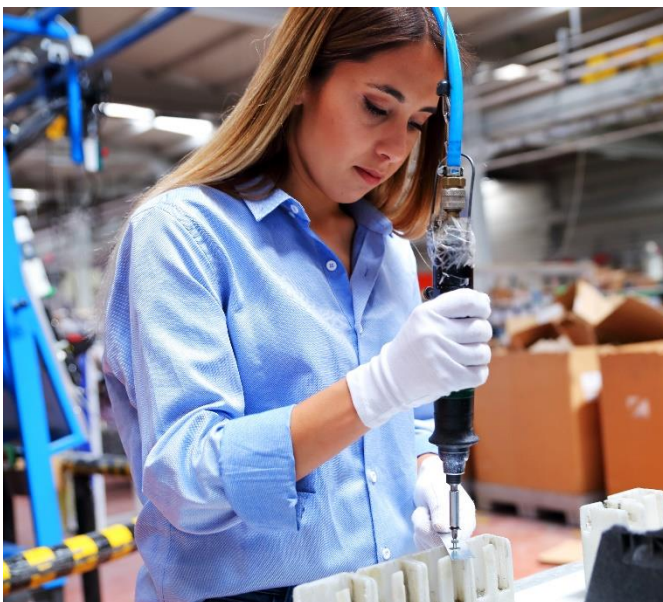
Cost of Quality

The Cost of Quality module will help to drive tighter cost control by allowing manufacturers to see and eliminate poor quality and high production costs in areas such as rejects, unscheduled machine downtime, and returns or reworking.

Training Content Profile (Advanced)

This trainer led session provides a detailed overview of Cost of Quality module functionality and covers required procedures and configuration options including access, group and query configuration to utilize for cost calculations, a detailed overview of when and how this module can be utilized and executing cost calculations based on rejects, receiving inspection rejects, RMA Scrap, rework or freight options.

Statistical Process Control (SPC)

To compete in business, companies must be committed to improving quality. While internal procedures focus on improved processes, SPC helps you track quality in manufacturing parts. SPC gathers variable and attribute data, allowing for the input and analysis of data as both subgroups and individual data.

Training Content Profile (Advanced)

This trainer led session provides users an advanced presentation of Past Inspection for SPC (Statistical Process Control) use in DELMIAWorks. A detailed overview of data fields and options available to facilitate past inspection record review and how to utilize the SPC Chart Wizard including available chart types.

Statistical Process Control – Inspection Setup

DELMIAWorks integrates all key manufacturing, accounting, customer management and supply chain management systems into the same database. SPC data allows for the creation of charts for subgroups, individuals, histograms and attribute data.

Training Content Profile (Advanced)

This trainer led session outlines the Statistical Process Control (SPC) Inspection Setup module, including the SPC measurement structure, review the setup and approval process, discuss SPC documentation, and walk through how to complete a SPC process and deploy the measurements to the shop floor.

Inspection Approval

Configuring Team Members with specific tasks, checklists and items when inspections are required allows you to gather data and enter it directly into the inspections and allow approval of each by the delegated employee.

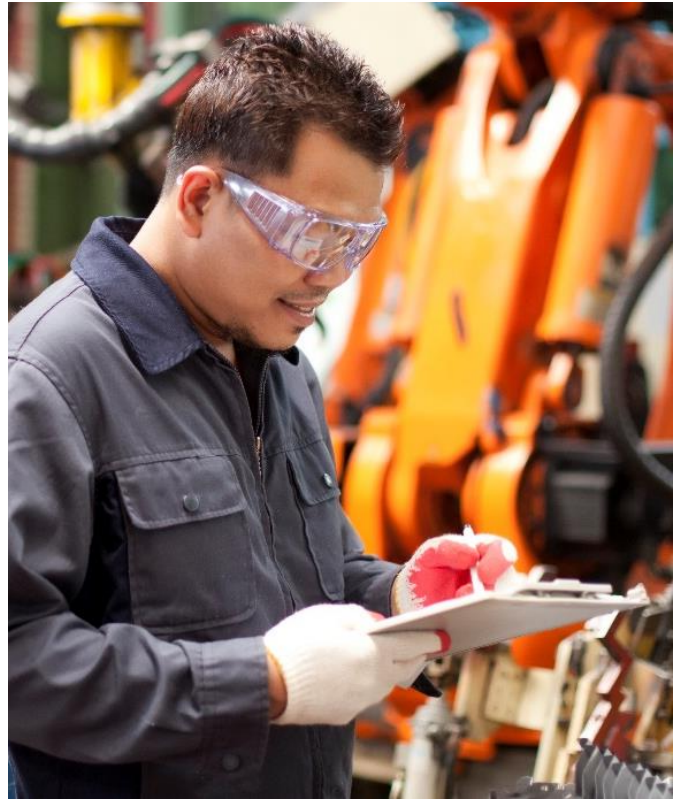### Training Content Profile (Advanced)

This trainer led session outlines the Inspection Approval Module, including the purpose of Inspection Approvals, and how the Inspection Approval module is linked to other areas of the DELMIAWorks system

In Process Inspection Log

The In-Process Inspection Log can be used to track measurements taken on the plant floor for inventory items that have been set up in the Inspection Setup module with parameters that have the 'In Process?' and 'Approved?' options checked. The log keeps a historical record of measurements, and a report can be generated for the data; however the log is for informational purposes and no statistical analysis can be done from this module.

Training Content Profile (Advanced)

This trainer led session provides an overview of In Process Inspection Log functionality in DELMIAWorks including interaction with the Inspection Setup module, how to utilize application parameters and how to enter Data into an In Process Inspection Log.

FMEA & Risk Assessment

The FMEA module can be used for identifying all possible failures in a design, a manufacturing or assembly process, or a product; and the Control Plan can be used to document quality control elements that are to be implemented in order to assure that quality standards are met for a particular product.

Training Content Profile (Advanced)

This trainer led session covers FMEA and FMEA Risk Assessment module functionality including differences between these modules and their functionality, FMEA Document features and a discussion of general best practices.

PPAP/PPQ – Overview

PPAP will help you determine if all customer engineering design record and specification requirements are properly understood and products consistently meet these requirements during an actual production run at the quoted production rate.

Training Content Profile (Advanced)

This trainer led session provides an overview of the Purpose & Use of Advanced Product Quality Planning (PPAP/PPQ) module in DELMIAWorks including templates and workflow, a demonstration of utilizing PPAP and how resources are utilized to ensure customer satisfaction.

Control Plans

A Control Plan can also be created from a FMEA or Risk Assessment from the File menu which will populate the General information, Control Plan, Inventory, Core Team, and Internal, External, and Email Correspondence (if checked during creation) on the Control Plan with the information from the FMEA/Risk Assessment. These records allow users to keep track of specific data for items/production.

Training Content Profile (Advanced)

This trainer led session outlines the Control Plan Module, including its relationship to other modules, a demonstration of how to use the Control Plan module, and the features available while utilizing it.

Gages & Devices

PLC scanners and tools are utilized to gather live data about products and inventory information to assist with SPC, Quick Inspection and RealTime modules throughout DELMIAWorks.

Training Content Profile (Fundamental)

In this module, you will learn how to create a Gage/Device, create a Gage Repeatability and Reproducibility (R&R), and setup gage calibration.

In addition to the modules listed above, the Learning Experience for DELMIAWorks Portfolio offers several role based learning options for Learners to choose from:

Advanced Specialist Certifications
QMSI & QMSII

Role Based Track Modules
Quality Assurance Manager & Technician

Licensed Learning Path
Quality Assurance & Control

Contact our Learning Experience Team at delmiaworks.elearning@3ds.com for more information!

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