DS DELMIA WORKS

Virtual Class Agenda

Quality Management Systems (QMS)

DS DASSAULT SYSTEMES

Overview

This five day hands-on course explores the key concepts and philosophies of Quality Management systems and modules within DELMIAWorks. Users are provided with a detailed overview of various quality modules including configuration and implementation for Document Control, Material Review Boards, Corrective Action Plans, Quick Inspections and SPC.

Additional Quality related modules such as Quality Audit, CMM Import Tool, and Cost of Quality are also separate license purchases. These topics are not included within the general scope of this class.

Target Learners
- Quality Assurance Technicians
- Quality Assurance Managers
- Quality Control Managers
- Inspection Control Users

Class Prerequisites
- Basic DELMIAWorks software experience and knowledge

Learning Objectives
- Create team members and configure workflows for various quality items that require approvals for completion
- Configure, add and manage content and users for Document Control libraries
- Review the various quality modules available in DELMIAWorks and their interactions
- Configure SPC (Statistical Process Control) analysis
- Understand how to create Inspection Setups to perform Quick Inspections for items and other available options
- Utilize Repair & Rework Work Orders for items that do not pass inspection
- Configure and utilize FMEA and Control Plans, APQP and PPAP as needed

The functionality covered in this class is not included with the core DELMIAworks software package including Document Control, Statistical Process Control, Level I: CAR, ECO, MRB, DEV, Level II: (Level I) + APQP, PPAP, FMEA, Control Plans. NOTE - Starting with DELMIAworks 2021, the Level I and Level II modules are packaged together under a single, general "Quality Control" license.

Day 1

Orientation and PowerPoint presentation
Team Members – Setup and Security Access
Document Control – Library Types, Library Teams,
Workflow – Setup and types

Day 2

Document Control – (cont)
Material Review Board (MRB) – Setup, Templates, and Workflow
Using Repair & Rework Work Orders, Linking with RMAs, CARs, and Deviations
CAR – Templates, Linking, and Workflow

Day 3

Deviations – Setup, Linking, and Workflow
Quality Toolbox scripts with IQAlert.
ECO – Setup, BOM changes, Workflow, and Applying Changes
Gages/Devices – Setup types, MRO, R&R / Gage Studies, Calibration

Day 4

Inspection Setup – Setup Parameters, Attributes vs. Variables, and Inspection Groups
In-Process Inspection Log – Fields and function
Quick Inspection – Inspection Groups vs. no Inspection Groups, Charting, and areas of use

Day 5

SPC – Subgroups vs. Individuals vs. Attributes, Gage/Device use, Charting, and Inputs / Outputs
FMEA and Control Plan – Setup and Use
APQP and PPAP – Setup Templates, Linking, and Workflow
Part Submission Warrant (PSW)
Quality Projects – Linked areas and records

Virtual Class Cancellation Policy

- *Cancellation notice received 15 or more days prior to the class start date incur no fee, those received 14 or less days prior incur a 50% cancellation fee.*
- DELMIAWorks reserves the right to cancel low capacity classes. To confirm class availability please contact DELMIAWorks.training@3ds.com.