

MS: Part-Specific Requirements Definition

Course Description:

Part-Specific Requirements Definition is a two-hour course for design, quality, procurement or manufacturing engineers involved in the definition of part specific requirements for the manufacturing source. This detailed list of product characteristics is a critical part of a technical data package and is designed to be complementary to the CAD drawing or 3-D model. Participants will become adept in the creation and editing of the requirements list, including dimensions, specifications, notes, and attachments that must be shared within the internal or distributed manufacturing environment.

Course Objective:

By the end of the course, a design, procurement, quality or manufacturing engineers will be able to create and edit a part-specific Master Specification.

Course Outline:

- Introduction to Cohesia 8.1
- Navigate the Cohesia application
- Enter dimensional requirements
- Apply part specific requirements from technical specifications
- Add drawing note requirements
- Add attachments and other requirements (to the Master Spec)
- Edit the requirements document
- Export and print all part-specific requirements
- Question and review of available resources

Activities and Assessment:

Participants will be given a brief overview of where the Cohesia web-based software fits within their engineering, quality, and supply chain business activities. A step-by-step process will be introduced with a sample part which corresponds to the Quick Reference Guide delivered to each participant. Questions related to this activity can be submitted through the webinar software and will be answered during the last ten minutes. Additional support resources will be described so that all participants know who to contact and what Powerway-provided training, FAQs, and white papers are available.

Course Pre-requisites:

Participants must be able to navigate the internet, have basic computer skills and understand GD&T terminology.

Course Materials:

Course handouts include a Process Overview, Glossary of Terms, Part-Specific Requirements Quick Reference Guide and a sample part for practice.

Course Cost:

\$150 USD per person