



BAL: Applying the Cohesia 8.1 Balloon Tool

Course Description:

The process to identify dimensional requirements on engineering drawings is presented in this one-hour class using Powerway's Cohesia 8.1 Balloon Tool. Starting from engineering drawings in PDF, TIF, or other image formats, dimensional and note requirements are identified, marked with a balloon, and can be further defined. This list of requirements is then used to create an AS9102 First Article Inspection report.

Course Objective:

By the end of the course, a design, quality, or manufacturing engineer responsible for identifying or tagging (Ballooning) design characteristics on engineering drawings, will be able to create and edit a ballooned drawings using the Cohesia 8.1 Balloon Tool.

Course Outline:

- Open a drawing in the Balloon tool
- Identify characteristics and notes called out on the drawing
- Enter requirements and notes in tabular format
- Edit balloon requirements
- Save the balloon data file and import to the master list of requirements (Master Spec)

Activities and Assessment:

Participants will receive an overview of the ballooning module which includes a step-by-step process to identify all drawing requirements using a sample part. This will correspond 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 of class. Additional support resources will be described so that participants know who to contact and what Powerway-provided training, FAQs, and white papers are available.

Course Pre-requisites:

Participants must have basic computer skills including an understanding of Microsoft product concepts. The ability to read and understand engineering including basic GD&T terminology is also required.

Course Materials:

Course handouts include a Process Overview and Quick Reference Guide (including a Glossary of Terms and Self-Study Guide).

Course Cost:

\$75 USD per person