PowerINSPECT Basic Essentials

2 Day Autodesk Accredited Training Course

Objectives

PowerInspect can help you reduce inspection bottlenecks and increase process efficiencies. This module explores the essentials of PowerInspect for new users and trialists. we will cover the basic workflow of PowerInspect.

Audience

No previous CAM experience is required although engineers must have an understanding of Engineering and Manufacturing principles.

.

Agenda

Introduction:
- Getting Started
- User Interface (GUI)
- Connecting the CMM
- Creating, editing, or deleting a probe tool assembly
- Calibrating your probe

Importing and Organising CAD Data:
- Importing CAD models
- Creating and editing CAD levels
- Transforming CAD models (move/rotate/mirror/scale)

Creating Alignments:
- Geometric PLP Alignment
- PLP Alignment
- RPS Alignment (Reference Point System)
- Free Form Alignment
- Best Fit Alignment
- Best Fit From Points Alignment

Inspecting The Part:
- Geometric Groups
- Using Wireframe Checker
- Inspecting 2D Geometry
- Inspecting 3D Geometry
- Simple Measures
- On-the-fly Surface/Edge/Section Inspection

Reporting:
- Report Templates
- Creating an Inspection Report
- Using CAD View Images and Notes on a Report
- Dimension labels & interactive dimensions

All courses are normally run on the latest software release. The agenda can be varied to suit a clients preferences and requirements. On completion of the course you will be presented with an Autodesk Authorised Completion Certificate. All our courses follow Autodesk approved coursework

Click Here to Find Out More

AUTODESK
Authorized Training Centre