



IT & ENGINEERING SERVICES

TRAINING

PROJECTS

PLACEMENTS

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SmartPlant 3D Overview

Major Topics:

- SmartPlant 3D Software Architecture
- SmartPlant 3D Common Environment
- Workspace & Filters
- Interference Checking
- Project Management Environment
- Access & Change Control Mechanisms
- Equipment Modeling

- Structural Modeling
- Pipe, Cableway & Duct Routing

- Drawing & Report Generation
- Reference Data Overview

SP3D Piping & Equipment Modeling

Major Topics:

- Overview of Common Graphics Environment
- Defining a Working Set
- SmartStep Commands and User Options
- Interactive Interference Checking
- Equipment Modeling

- 3D Routing System
- General Routing Techniques
- Hangers & Supports
 - Change Management
 - P&ID Integration
 - Isometric Drawing Generation

SP3D Drawings & Reports

Major Topics:

- Drawing Console
- Creating & Updating Drawings
- Creating & Updating Reports
- Smart Labels
 - Drawing & Report Templates
 - Bulkload Utility
 - Drawing Types (Manual, Spatial)

SP3D Isometric Drawings

Major Topics:

- Drawing Console
- Creating & Updating Piping Isometrics
- Isogen Options
- Atext (Alternate Text) Definitions
 - Symbols and Symbol keys
 - Customizing Isometric Drawing Styles
 - Configuring Isometric Drawing Content

SP3D Electrical Modeling & Reference Data

Major Topics:

- Overview of Common Graphics Environment
- Defining a Working Set
- SmartStep Commands
- Interactive Interference Checking
- Equipment Modeling
- 3D Routing System
- Routing techniques
- Hangers & Supports
- Catalog & Specification Databases

- Bulkload Utility
- General Format of Bulkload Files
- Adding a New Part to the Catalog
- Cableway Specifications
 - Cabletray Specifications
 - Cable Specifications
- Conduit Specifications

SP3D Structural Modeling & Reference Data

Major Topics:

- Overview of Common Graphics Environment
- Defining a Working Set
- SmartStep Commands and User Options
- Interactive Interference Checking
- Grid System
- Structural Modeling
- Modeling Stairs & Ladders
- Modeling Footings and Equipment Foundations
- Change Management
- Catalog & Specification Databases
- Bulkload Utility
- General Format of Bulkload Files
- Symbol 2D
 - Adding User Defined Sections
 - Adding User Defined Openings
- Adding a New Slab Type