
SP3D ADMIN

Course Content :-

Beginner Level

Introduction

1. Learning about Smart Plant Administrative Functions in the Software
2. Common Overview
3. Types of Database
4. Overview of Symbol share

Admin & project management

1. Create new site and plant
2. Create permission groups and assign permissions
3. Simple Backup
4. Restoring a Plant Database
5. Deleting a Plant
6. Deleting a Catalogue
7. Manual Creation of System Hierarchy
8. Import Creation of System Hierarchy
9. Assign Specifications to Systems
10. Restore a Training Plant
11. Model Data Reuse Copy – Move in Existing Plant
12. Model Data Reuse Copy – Rotate and Copy to New Plant
13. Synchronize Model with Catalogue and View Generation
14. Database Maintenance
15. Database Integrity
16. Error log files
17. Interference Checking
18. Export ZVF and XML files to be used in R3D referencing
19. Attach external 3D data as a reference (R3D)
20. Perform transformation (rotation, scaling, and translation) to R3D models
21. Update attached R3D models
22. Export VUE and MDB2 files to be used for R3D Referencing
23. Export VUE and MDB2 files to be used for R3D Referencing
24. Use R3D referenced models for Parallel Design (Optional)
25. Bulk load Reference Data

Intermediate Level

Equipment Reference Data

1. Equipment and Furnishings Reference Data
2. Catalogue Hierarchy
3. Equipment Catalogue Hierarchy
4. Custom Interface Sheet

Structural Reference Data

1. Structural
2. Reference Data Overview
3. Member Reference Data
4. Define a New Member Type
5. Define a New Material Type

Electrical Reference data

1. Electrical Reference data
2. Naming Rules Reference Data
3. Electrical Reference Data workflow
4. Cableway Reference Data
5. Cable Tray Reference Data
6. Duct Bank Reference Data
7. Conduit Reference Data

Advanced Level-I

Piping Reference Data

1. Creating a New Piping Materials Class
2. Adding a New Piping Component to a Specification
3. Adding a New Part to the Catalogue
4. Piping Specification Rules
5. Create New Piping Part Classes using Bulk load
6. Bolt Part Data Sheet

Advanced Level-II

Orthographic (GAD) Drawing Customization

1. Import a Border File and Create a Drawing Area
2. Define View Style Command
3. View Style Properties Dialog Box
4. Create an Orthographic Drawing View Style
5. Edit Border Template Command
6. Edit Layout Template Command
7. Creating & Updating Drawings

SP3D Isometric Drawings

1. Introduction
2. Isometric drawings extraction
3. Create Package
4. Isometric Drawing Styles

Report Customization

1. Creating Model Reports
2. Defining a COM Label
3. Advanced Reporting