



AUTOPLANT EQUIPMENT AND PIPING DESIGN COURSE

Course Prerequisites

None

Duration

3 days

Designed for

The course is suitable for piping designers and piping engineers involved in designing any type of plants.

Purpose

To present various tools and techniques available in Bentley AutoPLANT Equipment and Piping Modules and explain all the setups required to start a plant design. Course lecturing will be by means of presentations material, classical discussions, group exercises, design cases and exercises.

Course highlights

Introducing Bentley Document Manager

- Equipment design environment
- Equipment components
- Predefined equipment
- Equipment tools
- Equipment structures
- Equipment reports
- Piping model preferences
- Creating a complex piping model from existing equipment components
- Pipe routing methods
- Inserting specialty components
- Using powerful database management tools
- Creating Work Area Views
- Data exchange formats
- Creating automated isometric drawings using the ISOGEN interface

Objectives

By the end of the course, the participants will be able to:

- Design any type of custom/predefined type of equipment
- Setup plant layout and locate all equipment and structural objects in plant 3D model
- Create all required views and plans with annotations and dimensioning
- Route pipe lines and insert all required piping and branching components in 3D model
- Attach all data and information to 3D components that needs to be shown on isometric drawings
- Import/exports model with other formats
- Generate isometric drawings from 3D piping model

Notes to Participants

This course can also be presented on site. The course content and lecture can also be “tailor made” to ensure that the most relevant subjects per site will be addressed in an adequate way and the technical level is adjusted to suite the competence of the participants.

