

CYPEPLUMBING Sanitary Systems

Design foul water and rainwater evacuation systems in BIM

NEW ★★★★★ 3.6 (3 ratings)

Created by Formación CYPE Udemy, Javier Molina González Last updated 7/2018

English English [Auto-generated]



What Will I Learn?

- ✓ Perform the analysis of the evacuation of wastewater and rainwater from a building, and obtain the results of calculations based on a standard, along with their plans and measurements.
- ✓ Obtain a BIM model of a building's sanitary facilities system

Requirements

- Basic CAD knowledge
- Hydrosanitary installations

Description

CYPEPLUMBING Sanitary Systems carries out the analysis and design of all foul water and rainwater evacuation installations or only those selected by users, for any type of building, in compliance with predefined standards, personalised design configurations of other standards, or personal technical configurations.

The program designs networks in accordance with the selected standard or personalised configuration to apply, and carries out the required checks.

The analysis of the tree of the installation is carried out by calculating gross and simultaneous quantities of flow, where the simultaneity can be configured to be applied globally or locally.

It calculates and carries out a graphical representation of the main pipe span of the installation.

CYPEPLUMBING Sanitary Systems can design each element, i.e. a partial design of the complete installation, or an automatic global design of the complete installation, optimising the space required by the pipe in the free height of the floor and the excavation volumes.

Using warnings, the program informs users of any non-conformity with the code or any installations that have been developed incorrectly, to aid them with the correct configuration.

The results can be viewed on the elements and also in the results reports that are generated by the program.

Who is the target audience?

- Architects, engineers and technicians who wish to perform hydraulic analysis of building installations

Curriculum For This Course

Expand All 26 Lectures 01:56:36

- Introduction		00:26
Introduction		00:26
+ Initial Setup	1 Lecture	02:19
+ Program Interface	1 Lecture	02:43
+ Installation Design Menu	6 Lectures	20:31
+ Registers Menu	1 Lecture	10:19
+ Discharges Menu	1 Lecture	07:40
+ Pipes Menu	1 Lecture	07:44
+ Labels Menu	1 Lecture	04:07
+ Edit Menu	1 Lecture	12:54
+ Calculation Menu	2 Lectures	07:16
+ 3D View and BIM Model Menu	1 Lecture	05:03
+ Floor Plan Definitions	1 Lecture	02:39
+ BIM Model 3D view	1 Lecture	04:22
+ Work Area	5 Lectures	21:31
+ Results	2 Lectures	07:01

Free

Enroll Now

Includes

- 2 hours on-demand video
- 4 Articles
- Full lifetime access
- Access on mobile and TV
- Certificate of Completion

Share via:

