# SIEMENS

## Training on WinCC Comfort-Advanced on TIA V15.1_Pharma 2 Days (AS-PHARMA2)

**Short Description**

Training on Comfort/ Advance V15.1 and WinCC Explorer V7.5

**Objectives**

Making participants familiar/work with basic of GMP, GAMP and understanding 21 CFR standard and options available to implement 21 CFR standard using Comfort/Advance using TIA portal V15.1 & WinCC V7.5

**Content**

HMI Comfort/Advance:
Introduction and need for GMP, Explore Consequences,
Identify and Develop Plan to improve GMP in workplace, GAMP Guidance and Reason
Understanding 21 CFR Part 11, Requirement for computer systems in GMP environment
Supported HMI/ WinCC advanced system
Licensing details and prerequisite for H/W selection incl. Simatic logon licensing concept
Activating GMP, Configuring function extension, User administration
Recording TAGS for 21 CFR Part 11, Configure Audit Trail, Audit Trail as CSV, TXT, RDB
Recording Actions, recipes, system functions, Evaluating and recording audit trial
Pack and Go, Simatic automation tool, Use SD card
WinCC V7.5:
Licensing details for various System architectures; System Specification, Software creation
Requirement for electronics records, Configure Simatic User groups, Configure Simatic logon
Project settings and definition, Audit trial for operator actions, change control
Electronic signature, Introduction to different architectures in WinCC
Demonstration on Server Client / Redundant Configuration using readymade project
Reporting via WinCC report designer, Live demo for Report, Overview of PH and IS
Verification of hardware and software

**Prerequisites**

Candidate should have good Knowledge on STEP 7, HMI and WinCC engineering tools.

**Note**

Hardware and Software to be used:
Laptops/ PC systems installed with WinCC V7.5 and STEP7 V5.6
STEP7 V15.1 and WinCC comfort/Advance V15.1

**Type**

Face-to-face training

**Duration**

2 days

**Language**

en