

## 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

### Fee

14,000 INR