

CENTUM VP Operation & Engineering (CVP/OE)

Objectivity	This Operation course is designed to give participants have knowledge and understanding how to available operate. and monitor process variable , process status , system status and other data including basic system administration maintenance which operators should know it by via the operation and monitoring windows of the CENTUM VP system. And Engineering course enables participants to learn to perform generation of CENTUM VP Regulatory Control Functions, Sequence , Control Functions, HIS Windows by using the System Viewer in the HIS with Engineering packages.
Training period	5 Days
Time	9:00 a.m. – 4:30 p.m.
Avenue	Yokogawa (Thailand) Ltd. Bangkok Office (Rama 9) and Rayong Branch Office (Maptaphut).
Instructor	IAEC trainers, Engineer, Yokogawa (Thailand) Ltd.
Participant	For engineers involve in software generation or modification on the CENTUM VP system.
Requirement	Participants should preferably have some basic knowledge on process measurement and control.
Minimum no. of pax	4 - 12 Participants

Course outline detail

Day	Morning (09:00a.m. – 12:00 p.m.)	Afternoon (01:00 p.m. – 4:30 p.m.)
1st	Welcome and Course Introduction - System Architecture - Starting the CENTUM VP Operation and Monitoring Train - System Message Banner - Process Alarm (CAMS for HIS)	- System Alarm (CAMS for HIS) - Operation Guide View - Message Monitor - Hardcopy - User In
2nd	- Browser Bar Menu - Overview Toolbox - Preset Menu Toolbox - Tool Button Toolbox - Name Input Toolbox - Window History Toolbox - Graphic View - Instrument Faceplate - Tuning View - Trend View	- HIS Setup - Process Report - Historical Report - Laboratory work : - Labs of operation and Monitoring
3rd	- Project Creation and Attribution - Project Common Item Definition - FCS Configuration - I/O module definition - Control Drawing Builder Settings - Regulatory Control Function Definition - Feedback Control , Cascade Control, Ratio Control	Laboratory work: - Project Creation - Project Common Item Definition - FCS Configuration - I/O module Creation - Software I/O Switch Creation - Control Drawing Builder - Regulatory Control Creation - Sequence Control Creation