

Consolidated Alarm Management System Engineering (CAMS/E)

Objectivity	This course is designed to give participants the fundamental knowledge on the operation and functions of the CENTUM VP CAMS system.
Training period	2 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 CENTUM VP plant operation specialists and engineers who need to operate and utilize the alarm management system on CENTUM VP
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	<ul style="list-style-type: none">- Alarm Management Concept- List of Alarm Flooding , identify guide to alarm system design- List of consolidate CAMS concept.	<ul style="list-style-type: none">- CAMS structure and features- Understand Basic for HIS Structure.- Historical Viewer of CAMS for HIS- Lab Works
2nd	<ul style="list-style-type: none">- CAMS for HIS configuration- Enable CAMS for HIS- Engineer Configuration, Using CAMS for HIS Alarm Builder- Alarm Blinking operation- Lab work: PID Tuning By DCS Simulator Software<ul style="list-style-type: none">- Learning for changes value of PV and MV When value increase or decrease of P, I and D- Lab work: PID Tuning By using DCS and Process Plant Model Open Loop Method<ul style="list-style-type: none">- Flow Control.	<ul style="list-style-type: none">- Export /Import common section of CAMS for HIS- Function check of CAMS for HIS.- Lab Works