Yokogawa Systems Training Courses

Yokogawa goes beyond the commitment in providing quality training to our customers. We know that personnel training is obviously important, especially in terms of product and systems familiarization, start-up and commissioning, new technologies, maintenance, application knowledge, advanced diagnostics, alarm management, advanced process control pre-tuning and more. There is also the challenge of knowledge management, which can be very serious where aging staff are involved.

Courses range from workshops on the fundamentals of measurement and control, through computer-based operator training packages, to comprehensive 5-day courses on the configuration and optimisation of complete control and safety systems. In addition to a number of standard courses, individual programmers can be customised to meet user requirements and to provide the correct balance between different areas of interest and between theory and practical 'hands on' exercises.

Centum CS3000 Operation (3 Days)

For CS3000 operators, plant operation specialists and engineers who need to operate the CS3000 system. This course is designed to give the participants the fundamental knowledge on the operation and functions of the CS3000 system.

Centum CS3000 Engineering (5 Days)

For engineers involved in software generation. This course is designed to enable participants to learn to perform generation of CS3000 regulatory functions, information command station display and graphic functions using the workstations.

Centum CS3000 Maintenance (3 Days)

For CS3000 engineers and technicians who need to perform maintenance on the CS3000 system. Course is designed to provide participants with an understanding of hardware, daily maintenance procedures and measures to be taken when system alarm messages are generated.

Foundation Fieldbus Integration with Yokogawa DCS - Fundamentals (3 days)

For instrument technicians and engineers involved in the design, installation and operation of Foundation Fieldbus Integration with Yokogawa DCS networks. This course is designed to acquaint the use with the fundamentals of Foundation Fieldbus Integration with Yokogawa DCS and general issues regarding implementation, cabling and operation. This course is not Yokogawa specific and can be attended by anyone interested in using Foundation Fieldbus Integration with Yokogawa DCS.

Foundation Fieldbus Integration with Yokogawa DCS - Engineering (5 days)

For instrument technicians and engineers involved in the design, installation and operation of Foundation Fieldbus Integration with Yokogawa DCS networks. This course covers the general setup procedure for Foundation Fieldbus Integration with Yokogawa DCS using tools provided by Yokogawa SA. The delegate will learn how to use the Yokogawa SA configuration tools, and about Foundation Fieldbus Integration with Yokogawa DCS standard, its issues and functionality. Hand on workshops and exercises using Yokogawa SA and industry standard instrumentation.

Foundation Fieldbus Integration with Yokogawa DCS - Maintenance & Commissioning (3 Days)

Instrument technicians and engineers involved in the design, installation and operation of Foundation Fieldbus Integration with Yokogawa DCS networks. This course covers the configuration and in depth setup procedures for Foundation Fieldbus Integration with Yokogawa DCS using tools provided by Yokogawa SA and third party software. The delegate will learn how to use the Yokogawa SA configuration tools, and about Foundation Fieldbus Integration with Yokogawa DCS standard, its issues and functionality. Hand on workshops and exercises using Yokogawa SA and industry standard instrumentation PRM.

Pro-Safe-RS Safety Engineering (3 Days)

Process engineers and process control engineers. to develop a Safety Project using available tools and working methods to guide the engineers from the beginning to the end in a safety process. The engineer will design, implement and test a Safety System.

Pro-Safe-RS Workbench (3 Days)

For process engineers, process control engineers, maintenance and technical support personnel. This course is designed to enable Pro-Safe-RS system users to operate, maintain and modify the system with respect to the ProSafe-RS user interface. (Workbench)

Exaquantum Basic (5 days)

For all personnel responsible for the day to day operation and the administration of an Exaquantum system. No course prerequisites. Technical requirements: Basic file/folder course designed to educate the student in the manipulation in windows environment, Microsoft Excel, Basic Operating System skills and Visual Basic Programming in Visual Basics.

Exaquantum Engineering (4 days)

For application engineers, plant network administration, process engineers and I & C engineers who will be responsible for developing and maintaining Exaquantum applications. This course is designed to educate the student on how to use the Exaquantum Explorer to create application programs for viewing raw data, historical data and graphics.

Plant Resource Manager - Maintenance (3 days)

For maintenance personnel or technicians responsible for maintaining a plant. This course is designed to educate the student in the setup, maintenance, diagnostics and configuration of the PRM

Plant Resource Manager Administration (3 days)

For all engineers and/or plant administrators responsible for monitoring plant resources. Course prerequisites: Foundation Fieldbus CS3000 Operations. Technical Requirements: Basic file/folder manipulation in a windows environment, Foundation Fieldbus hart or instrumentation, CS3000 Operations Basic Networking skills. This course is designed to educate the student in the administration of the Exaquantum systems after installation.

Stardom (3 Days)

For engineers involved in software generation or modification in the controller. This course covers the system configuration of Stardom, use of the programming tools, and the Yokogawa function blocks available in the controller

Assessments

On successful completion of the theoretical and practical assessments, participants will be deemed competent and issued with a Certificate of Competence.

Course fee structure

R11,000.00 (excl. VAT) per delegate for the 5 (five) day courses
R8,000.00 (excl. VAT) per delegate for the 3 (three) day courses
10% Discount per delegate if more than 3 (three) delegates attend from the same company
Cost valid until March 2010

Venue

Yokogawa SA Block A, Constantia Ridge Office Park, 764 Golf Club Terrace, Constantia Kloof, Roodepoort
Onsite Training – arranged specifically for Client

Accommodation available in the Roodepoort area:

Town Lodge – Tel: 011 767-5600   Bird Haven – Tel: 083 299-6589   49 on Norman Tel: 011 478 2405

Contact person

Nico Marneweck (Training Manager) Mobile: 082 883 2652   Tel: 011 831 6342   e-mail: nico.marneweck@za.yokogawa.com

Banking details:

Bank:	First National Bank	Branch:	Carlton Centre, Johannesburg, SA
Account Number:	50491151615	Branch Code:	250205
Account Holder:	Yokogawa SA	Type of Account:	Current Account
Swift Number:	FIRNZAJJ		

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