Nexus Controls
a Baker Hughes business

Live instructor led sessions

Remote Learning

Remote training service connects your staff with our industry leading instructors without the need for expensive travel. Gain remote access to our virtual classroom in our instructor led skill development courses.

Operation, maintenance and unit control

With years of field experience, Nexus Controls trainers have a deep knowledge of product operation, maintenance, and control. Through a secure web connection, instructors and participants collaborate in the same virtual classroom, preserving traditional classroom learning outcomes.

Remote hands-on workshop

Remote workshops on daily operations and real case scenarios are conducted on live simulators. Practice is supervised by instructors and virtual class sizes are kept small, ensuring you get the most out of your training experience.
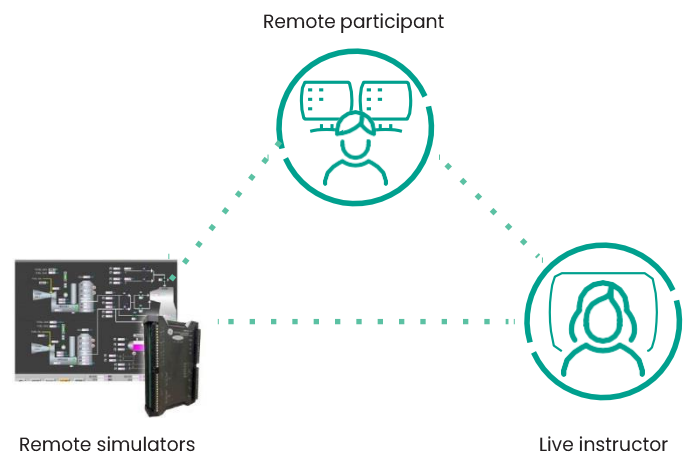
Effective skill development

With 14 modules, you will find courses tailored to your team's experience level, whether operators, technicians, or engineers. Our remote training is simple to use, providing you access to technical and operational knowledge, saving you on travel expenses.

Objectives and Benefits

- Improved technical skills to protect and control assets
- Customized training to customer specific software and break-fix workshops
- Secure remote connection on hosted training simulators
- Site specific Q&A sessions and coaching
- Reduction in equipment downtime with a well-trained staff
- Cost effective training solution

Global expertise delivered locally with secured remote connection

Remote participant

Remote simulators

Live instructor

Remote student recommendations: computer with mouse and keyboard, two monitor setup, audio headset, internet connection of 25mbps.

Email us today for a free demo

controlsolutionstraining.com

Power up your knowledge

Provide your team with the right skills and knowledge to increase their motivation, performance and productivity.

Controls

Mark VIe Introduction Level 1

Familiarize operations team with Mark VIe and HMI main components and build skills to confidently operate the unit and diagnose alarms. Duration: 2 days.

Mark VIe Intermediate Level 2

Understand hardware upgrades on the turbine in association with the upgraded control package. Work with the Mark VIe control system on the turbine, process alarm troubleshooting and analyze the control code. Discuss on LVDT calibration, Cimplicity software programming, sequence editing or diagnostic alarm troubleshooting. Duration: 5 days.

Mark VIe Advanced Level 3

Enhance troubleshooting skills for the purpose of trip reduction and recovery. Develop skills for maintaining optimum performance and availability. Understand communications principles. Duration: 5 days.

Excitation and starter

EX2100e Introduction Level 1

Learn about function and calibration of the standard excitation modules and auxiliary equipment. Understand software tools and options for each excitation system.
Duration: 2 days.

LS2100e Introduction Level 1

Understand LCI software. Learn about the functions of the static start system. Duration: 1 day.

EX2100e Intermediate Level 2

Discover the function, calibration of the standard excitation modules, auxiliary equipment, software tools and some options for each excitation system. Learn how to perform basic startup checks and basic trouble shooting techniques on generators, excitation system and solid state power conversion modules. Start calibrate and trouble shoot the components of the EX2100e generator excitation systems.
Duration: 5 days.

EX2100e/LS2100e Intermediate Level 2

Learn about generator operation, excitation, LCI and the functions of the generator protection panel. Stress the safe operation of the generator. Enhance skills in maintenance and troubleshooting on the EX2100e. Duration: 5 days.

Nexus OnCore

Nexus OnCore Introduction Level 1

Focus on operators basics for Optimum C screens and upgrade orientation. Duration: 2 days.

Nexus OnCore Intermediate Level 2

Discover operators basics for Optimum C screens. Enable team to manage Nexus OnCore control hardware, conduct process alarm troubleshooting and review the control code. Review calibration, Optimum C software, sequence editing and diagnostic alarm troubleshooting. Duration: 5 days.

HMI, network and cybersecurity

HMI Introduction Level 1

Provide maintenance team with required knowledge to new HMI software and features. Duration: 3 days.

Network Introduction Level 1

Discover the theory and main basic functions of networking systems. Learn how to manage and troubleshoot networks. Duration: 5 days.

Network Intermediate Level 2

Learn how to conduct switch configurations, Routing, and TCPIP addressing. Be able to perform maintenance and troubleshooting of networks. Duration: 3 days.

Cybersecurity CAP Introduction Level 1

Enhance knowledge on basic and advanced functions of cybersecurity. Enable site personnel to perform Cyber Asset Protection (CAP) updates and troubleshooting. Duration: 3 days.

Cybersecurity SecurityST Intermediate Level 2

Enhance knowledge on basic and advanced functions of SecurityST system. Enable site personnel to perform maintenance on SecurityST. Learn how to integrate HMI and network switch devices. Duration: 5 days.

Register online
controlsolutionstraining.com

Contact us
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Baker Hughes

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