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Training O&M technicians for SIS operation and maintenance

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“License to operate” is a top priority for our customers. As part of the requirements to ensure compliance with industry standards during the operation of the process plant, a key focus area will be to adopt competency assurance for Operations and Maintenance (O&M) technicians.

Competency requirements for specific roles and responsibilities need to be identified, implemented and continuously monitored and improved as part of the organisation’s Quality Management System (QMS). This is especially crucial for those who are managing or working with Safety Instrumented Systems (SIS).

Qualifications, training, knowledge, experience and behavior all go hand-in-hand to ensure smooth operation. Many organizations have developed competency assurance programs to address their needs for both Process and Functional Safety (FS), where the organization will ensure that codal responsible persons are identified and assigned to manage critical safety requirements.

Asset Owners need to train their O&M personnel to oversee the performance of SIS in hazardous environments within the IEC 61511 FS lifecycle phases. These technicians engage with some of the most important safety systems on a regular basis, ensuring proper operation, inspection, testing and maintenance to preserve the specified SIS risk reduction for a plant.

Training O&M technicians in the appropriate areas of management, operation and maintenance specific to company procedures, industry expectations and their individual roles and responsibilities will help us to meet IEC safety standards and support overall competency assurance.

Many regulatory authorities and business insurance organizations recognize the need for formal technician training as part of the company’s demonstration of commitment and sustainability of the manufacturing facility’s “license to operate” requirements.

ABB provide Industry recognised and comprehensive training for control/electrical technicians in the context of IEC 61511 compliance, see <https://new.abb.com/uk/about/our-businesses/process-automation/consulting/training-events>.

Please contact me if you would like to explore our range of safety related training courses.

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For further information see solutions.abb.com/industrialautomation-consultingservices