



Session 1B:

Test, Verify, Document-What's in Your Integrated Testing Playbook?

As federal, state, and local jurisdictions move towards adoption of the 2018 and later editions of the model building, fire, and life safety codes developed by ICC and NFPA, project developers, contractors, and members of the design team will have to be prepared to establish a testing plan that will satisfy the provisions of NFPA 4, *Standard for Integrated Fire Protection and Life Safety System Testing*. Although the concepts of integrated testing and its close cousin, commissioning, have been around in some form in the prevailing installation standards, NFPA 4 links those concepts more formally and requires a scenario-based test plan that will exercise the fire protection systems and related features to verify expected system response. From determining what building systems need to be tested, to how those elements interact with, or otherwise have a reliance on proper functioning of other systems, to conducting the actual tests and documenting the outcome are among the provisions contained in NFPA 4. This session will discuss the concepts contained in the standard along with the process utilized to develop scenario-based assessments that reflect expected system performance.

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