



Session 2D: Acceptance Testing of Emergency and Standby Power Systems

The requirements for Emergency and Standby Power systems were extensively revised in the 2015 International Fire Code (IFC). 2015 IFC Section 604 requires the Fire Code Official to approve these systems and verify compliance with NFPA 110, Standard for Emergency and Standby Power Systems. The acceptance of Emergency and Standby Power Systems that are legally required by the 2015 International Building Code and the 2015 IFC require the Fire Code Official to approve these systems.

This presentation summarizes the NFPA 110 requirements for the acceptance testing diesel-fueled engine driven electrical generators used for complying with the 2015 IFC requirements. It includes an analysis the IFC and IBC requirements for the storage and handling of #2 diesel, the NFPA 70, National Electrical Code classification and construction requirements for Emergency Power and Legally Required Standby Power systems, and the NFPA 110 requirements for acceptance testing. The presentation will include the NFPA 20, Standard for the Installation of Stationary Fire Pumps requirements for fire pumps in high-rise buildings.



Scott Stookey
Graduate Engineer A
Austin, TX Fire Department

Scott Stookey is a Graduate Engineer A- Hazardous Materials with the City of Austin (TX) Fire Department, an ISO Class 1 organization. He is one of three Engineers who review and approve the storage and use of hazardous materials in the Live Music Capital of the World with a population approaching 900,000 and 49 fire stations. Scott has over 25 years of regulatory and emergency response experience in Austin and Phoenix, AZ. He has published over 20 articles on hazardous materials, high-piled combustible storage, and aboveground storage tanks. He is a Past President of the Austin-San Antonio Society of Fire Protection Engineers chapter.

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