



Guidelines for SFPE Subcommittee for Standards Oversight (SCSO) Review of Proposed Standards and Guides

Approved by the SCSO on July 2, 2018

The following checklist was produced based on a review of the relevant documents governing the SCSO.

Attachment #1 of this document describes the development of the review criteria and the SFPE documents referenced as part of this process.

SCSO Document Review Checklist

Criteria	Guidance to Reviewer
1. Is the document free of substantive grammatical or technical errors?	High level review to identify substantive errors. It is not intended that the reviewer conduct a detailed grammatical or technical review.
2. Does the document advance the practice of fire protection engineering through the transfer of information and standards?	Addresses SFPE goal of Technical Excellence and Communication. If no, document may not be in-line with SFPE goals. Review all goals to assure consistency.
3. Does the document describe or affect the roles and responsibilities of design professionals during the construction phase as it pertains to fire protection and life safety?	If yes, review the policy on "The Role of Fire Protection Engineer in the Construction Process" to determine if the document is consistent with its content.
4. Does the document describe or affect the roles and responsibilities of engineers and technicians when designing fire protection systems?	If yes, review the position paper "The Engineer and the Technician Designing Fire Protection Systems" to determine if the document is consistent with its content.
5. Does the document describe or affect professional licensure?	If yes, review the position paper "Professional Licensure" to determine if the document is consistent
6. Does the document describe or affect the use of Building Information Modeling?	If yes, review the position paper "Building Information Modeling and Fire Protection Engineering" to determine if the document is consistent with its content.
7. Does the document describe or affect residential fire safety?	If yes, review the position paper "Supporting the Use of Engineering to Improve Residential Fire Safety" to determine if the document is consistent
8. Is the document's terminology and approach consistent with that of other SFPE standards and guides?	If no, identify inconsistencies.

Attachment #1

Responsibilities of SCSO for Review of Standards and Guides

The process used to establish guidelines for SCSO review of proposed standards and other documents is to identify SCSO responsibilities as identified in various SFPE documents. Once identified, criteria in checklist form were developed based on this information.

Responsibilities SFPE Document Development Procedures (October 27, 2017).

- All new document development projects shall be approved by the SCSO and the SFPE Board of Directors. (Section 2.1.4)
- Review standards for consistency in meeting SFPE goals and adherence to SFPE policies and bylaws. (9.1.6)

Responsibilities ANSI Accredited Standards Development Procedures (October 9, 2017).

- For ANSI Standards, the SCSO will review the Standard for consistency in meeting SFPE goals and adherence to policies and bylaws. (9.1.6)

SFPE Goals SFPE Strategic Plan: (2018-2020)

SFPE's vision and mission are further defined by four goals:

Goal 1 -- Advocate for the Profession,

Goal 2 -- Serve the Education Needs Across the Lifespan of the FPE/FSE

Goal 3 -- Be the Trusted Resource for the FPE/FSE Profession

Goal 4 -- Establish the Society as a Global Organization

Goal 3 is primarily related to the area of Technical Excellence and includes the development, expansion, and promulgating technical knowledge and information and include the following objectives:

- Facilitate the development and implementation of a research agenda for fire protection engineering and fire safety.
- Develop and implement a strategy for knowledge management (which includes developing, curating, and creating access to shared knowledge).
- Prepare the profession for impacting and emerging trends and new technological advances.
- Establish SFPE as a leader in technical knowledge through standards development & technical documentation.

SFPE Constitution and Bylaws (June 16, 2015)

Article 3, Section 1: The purpose of the Society shall be to advance the science and practice of fire protection engineering and its allied fields; to maintain a high ethical standard among its members; to develop fire protection engineering guidelines and standards; and to foster fire protection engineering education. For the purpose of this document and other SFPE documents, the terms fire protection engineering, fire safety engineering and fire engineering are synonymous.

SFPE Position Statements

There are five currently position statement referenced:

- SFPE Position Statement P-02-07: The Role of the Fire Protection Engineer in the Construction Design: Process
- SFPE Position Statement P-04-06: Professional Licensure
- SFPE Position Statement P-05-11: Building Information Modeling and Fire Protection Engineering
- SFPE/NSPE/NICET Position Statement: The Engineer and the Engineering Technician - Designing Fire Protection Systems (July, 2008)
- SFPE Position Statement P-06-12: Supporting the Use of Engineering to Improve Residential Fire Safety

Position Statement P-02-07: The Role of the Engineer in the Construction Process

This position statement describes how the FPE can be a necessary element of the construction process, coordinating the fire and life safety aspects of the design disciplines (architectural, structural, civil, mechanical, electrical) and focusing the design team's attention on solving appropriate fire and life safety issues.

Position Statement P-04-06: Professional Licensure

The Society of Fire Protection Engineers encourages individuals engaged in the engineering profession to strive for professional recognition by enhancing their individual credentials through licensure. Licensure demonstrates to the public an individual's competency, qualification and expertise in professional practice. Moreover, licensure implies a commitment to understanding professional, ethical and societal responsibilities, with emphasis on protecting public health, safety and welfare

Position Statement P-05-11: Building Information Modeling and Fire Protection Engineering

In this document, the Society of Fire Protection Engineers (SFPE) outlines how Building Information Modeling (BIM) technology is currently being used in the fire protection engineering profession and provides recommendations for the profession's future direction in the BIM arena.

Position Statement P-06-12: Supporting the Use of Engineering to Improve Residential Fire Safety

In order to reduce the loss of life from residential fires the Society of Fire Protection Engineers supports the use of engineered components, systems and technologies such as smoke alarms, fire sprinklers, improved safety controls on cooking and heating appliances, and improved fire safe material technologies to reduce the fire hazard within residential structures and thereby reduce the loss of life from residential fires.