



Public Input No. 18-NFPA 1030-2020 [Global Input]

See attached file.

Additional Proposed Changes

<u>File Name</u>	<u>Description</u>	<u>Approved</u>
PQU-FIS_1031_FRs.pdf	1031 Technical Committee work captured from the 3/23-24/2018 Pre-Draft Meeting and the 1/28-29/2019 original First Draft Meeting	

Statement of Problem and Substantiation for Public Input

This public input to the NFPA 1030 document is submitted on behalf of the Technical Committee on Pro Quals Fire Inspector and Plan Examiner in order to capture and preserve the existing work conducted by the TC at their Pre-Draft Meeting held in Quincy, MA on March 23 & 24, 2018 and the original 1031 First Draft Meeting held in San Diego, CA on January 28 & 29, 2019. Revisions to scope, definition, annexes are included. The overhaul of the 1031 document reduces the three levels of Fire Inspector to a single professional qualifications level, reduces the two levels of Plan Examiner to a single level and introduces the professional qualifications for a first responder who is assigned additional duties to conduct basic familiarization and fire inspections which would normally be outside their normal duties.

Submitter Information Verification

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Submittal Date: Wed Aug 12 14:11:12 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: The technical committee incorporated the first revisions from the previous meeting held in 2019.



Public Input No. 22-NFPA 1030-2020 [Global Input]

Revise the Standard to consolidate the three levels of fire inspector and two levels of plans examiner into the following:

Company Fire Inspector
Fire Inspector
Fire Plans Examiner

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._1_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

The current three levels of fire inspector and two levels of plans examiner are overly complicated and difficult for local and state jurisdictions to delineate between tasks/JPRs required for each level of progression. Most jurisdictions have "Fire Inspectors" and "Plans Examiners." Rarely does a jurisdiction have positions that model after the NFPA 1031 FI I, II and III along with the PE 1 and II. Nor do many jurisdictions actually look at the JPRs of the Fire Inspectors to determine if a level I, II or III is needed or a Plans Examiner I or II is necessary in a job specification or to perform a specific job function. Many of the FI II, III and PE I, II are tasks that most jurisdictions would consider basic responsibilities of a normal fire inspector. Due to this, it creates a situation where inspectors are only trained to a FI I or PE I yet they are expected to perform job tasks that are in the FI II, III and PE II categories. This arrangement facilitates environments where staff is encourage to work or be assigned to tasks outside of their JPRs. In addition, when compared to building, electrical, mechanical and plumbing inspector/plan examiner certifications, there is no Building Inspector I, II and III or Mechanical Inspector I, II and II nor Mechanical Plan Examiner I and II. There is only a breakdown for Inspector and Plans Examiner. Creating a separate "Company Fire Inspector" program seems appropriate as many jurisdictions do deploy firefighters to conduct very basic fire inspections. Providing a standards that is specifically applicable to those JPRs seems appropriate as it is a typical responsibility in many departments.

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Submittal Date: Mon Sep 14 15:23:26 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: FR-1-NFPA 1030-2020

Statement: The technical committee performed a task analysis of the positions of fire inspector and plan examiner and concluded there was little value in maintaining the 3 levels of fire inspector and 2 levels of plan examiner. The committee consider public input in developing a basic level of fire inspector to perform inspections (company level) by individuals not normally assigned to a dedicated fire inspection function in their organization. The position of First Responder Inspector represents this basic level of inspector and can be someone not associated with the fire service.

Additionally, the committee determined that plan reading can happen with each of the positions of first responder inspector, fire inspector, or fire plans examiner.

The committee also determined the current wording for the "format" of plans is appropriate and actually allows for technological advances with design submittals.



Public Input No. 35-NFPA 1030-2020 [Global Input]

Change the term "Plans Examiner" to "Fire Plans Examiner" throughout the document.

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._30_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

Currently, NFPA 1031 refers to an inspector that is performing the JPRs as listed in the standard as a "Fire Inspector." It does not refer to the position simply as an "Inspector." However, NFPA 1031 refers to a plans examiner that is performing the JPRs as listed in the standard as a "Plans Examiner" with no prefix of "Fire" to provide clarity to the type of plans examiner. The current term "Plans Examiner" is generic and would not be appropriate to accurately convey the title of a position conducting the JPRs under this standard if it was used for form job title or description of a position in a jurisdiction's job description. The addition of "Fire" to the title of "Plans Examiner" in this standard would provide the same clarity and consistency that exists with the title of "Fire Inspector" by utilizing the title of "Fire Plans Examiner." In addition, the other peer plans examiner trades we typically deal with are referred to as "Plumbing Plans Examiner", "Building Plans Examiner", "Electrical Plans Examiner" and "Mechanical Plans Examiner." This change would create consistency with these other trades.

Submitter Information Verification

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Submittal Date: Tue Sep 15 15:05:41 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: FR-1-NFPA 1030-2020

Statement: The technical committee performed a task analysis of the positions of fire inspector and plan examiner and concluded there was little value in maintaining the 3 levels of fire inspector and 2 levels of plan examiner. The committee consider public input in developing a basic level of fire inspector to perform inspections (company level) by individuals not normally assigned to a dedicated fire inspection function in their organization. The position of First Responder Inspector represents this basic level of inspector and can be someone not associated with the fire service.

Additionally, the committee determined that plan reading can happen with each of the positions of first responder inspector, fire inspector, or fire plans examiner.

The committee also determined the current wording for the "format" of plans is appropriate and actually allows for technological advances with design submittals.



Public Input No. 6-NFPA 1030-2020 [Global Input]

Type your content here ...Please do not create this "First Responder Inspector." This will take inspections backwards 20 years. The committee has already set that the Inspector 1 standard sets the minimum requirements of a person performing fire safety inspections. Lowering the minimum requirements of an inspector will lower the quality of the inspections performed. If need be, either rename "Inspector 1" as "Company Officer Inspector," or let it have both titles. This change requires the "First Responder Inspector" to have less knowledge than the current "Inspector 1." Less knowledge and skills can make for negligent inspections and open the jurisdiction to liability due to training certification elements.

"First Responder Inspector" is a horrible designation. There are many civilians that perform inspections. They are not "First Responders" and do not have the background, training, knowledge and skills of a "First Responded." Would this change require all civilian inspectors to become "First Responders?"

"First Responder inspector" is not certified to inspect assembly occupancies, restaurants or gasoline service stations as well as others and this can become an enforcement challenge and liability for the jurisdiction and state to ensure the first responder inspector is only inspecting to what he is certified to.

From a certification stand point, there is no publication in existence that teaches a "First Responder Inspector." How or where will one go to be trained to this level?

Statement of Problem and Substantiation for Public Input

This change is horrible. Lowering the standards of 90% of all inspections will create an unsafe environment. We have already had several fatal fires over the past decade, where the fire suppression crews were already aware of the hazardous conditions. And nothing was done to prevent these tragedies. NFPA 1031 has been moving the profession of Fire Inspectors forward over the past several decades, this is a step backwards.

Submitter Information Verification

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Submittal Date: Sat Jul 04 15:24:23 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: The committee reviewed and discussed the need to established the levels of inspectors for the NFPA 1030 document and determined the need to keep the position titles for the first draft.



Public Input No. 51-NFPA 1030-2020 [Chapter 1]

Chapter 1 Administration

1.1 Scope.

This standard provides minimum requirements for professional qualifications for fire prevention program positions.

1.2 Purpose.

The purpose of this standard shall be to specify the minimum job performance requirements for serving in fire prevention program positions.

1.3* Application.

This standard can be applied as follows:

- (1) Chapters 1 through 5 and Annexes A, B, E, and I constitute NFPA 1037 *Standard on Fire Marshal Professional Qualifications*.
- (2) Chapters 1 through 3, 6 through 10, and Annexes A, B, C, D, F and I constitute NFPA 1031 *Standard for Professional Qualifications for Fire Inspector and Plan Examiner*.
- (3) Chapters 1 through 3, 11 through 16, and Annexes A, B, G, H, and I constitute NFPA 1035 *Standard on Fire and Life Safety Educator, Public Information Officer, Youth Firesetter Intervention Specialist, and Youth Firesetter Program Manager Professional Qualifications*.

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._37_-_1031.pdf	
1031-2020_Chapter_1_PJM_review.1535738396061.docx	

Statement of Problem and Substantiation for Public Input

The Technical Committee met on March 23-24, 2018, and drafted proposed comprehensive changes to NFPA 1031. This public input represents changes to Chapter 1 to correlate with those changes.

Submitter Information Verification

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Submittal Date: Thu Oct 15 15:28:35 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: Section 1.3 to be updated by the PQU-FMA technical committee



Public Input No. 52-NFPA 1030-2020 [Chapter 3]

Chapter 3 Definitions

3.1* General.

The definitions contained in this chapter shall apply to the terms used in this standard. Where terms are not defined in this chapter or within another chapter, they shall be defined using their ordinarily accepted meanings within the context in which they are used. *Merriam-Webster's Collegiate Dictionary*, 11th edition, shall be the source for the ordinarily accepted meaning.

3.2 NFPA Official Definitions.

3.2.1* Approved.

Acceptable to the authority having jurisdiction.

3.2.2* Authority Having Jurisdiction (AHJ).

An organization, office, or individual responsible for enforcing the requirements of a code or standard, or for approving equipment, materials, an installation, or a procedure.

3.2.3* Code.

A standard that is an extensive compilation of provisions covering broad subject matter or that is suitable for adoption into law independently of other codes and standards.

3.2.4 Labeled.

Equipment or materials to which has been attached a label, symbol, or other identifying mark of an organization that is acceptable to the authority having jurisdiction and concerned with product evaluation, that maintains periodic inspection of production of labeled equipment or materials, and by whose labeling the manufacturer indicates compliance with appropriate standards or performance in a specified manner.

3.2.5* Listed.

Equipment, materials, or services included in a list published by an organization that is acceptable to the authority having jurisdiction and concerned with evaluation of products or services, that maintains periodic inspection of production of listed equipment or materials or periodic evaluation of services, and whose listing states that either the equipment, material, or service meets appropriate designated standards or has been tested and found suitable for a specified purpose.

3.2.6 Shall.

Indicates a mandatory requirement.

3.2.7 Should.

Indicates a recommendation or that which is advised but not required.

3.2.8 Standard.

An NFPA Standard, the main text of which contains only mandatory provisions using the word "shall" to indicate requirements and that is in a form generally suitable for mandatory reference by another standard or code or for adoption into law. Nonmandatory provisions are not to be considered a part of the requirements of a standard and shall be located in an appendix, annex, footnote, informational note, or other means as permitted in the NFPA Manuals of Style. When used in a generic sense, such as in the phrase "standards development process" or "standards development activities," the term "standards" includes all NFPA Standards, including Codes, Standards, Recommended Practices, and Guides.

3.3 General Definitions.

3.3.1* Abuse.

Harmful behaviors and/or actions, as defined by local law, that place an individual at risk and require reporting.

3.3.2 Acceptable Level of Risk.

See 3.3.65.1.

3.3.3 Accessibility.

The degree to which a product, device, service, or environment is available to as many people as possible. Accessibility enables people with disabilities to fully participate, use a product or device, and receive information. Accessibility might require alternative formats or assistive technologies.

3.3.4 Activity.

A component of a fire and life safety education program.

3.3.5* Applicable Codes and Standards.

Those codes and standards that are legally adopted and enforced by a jurisdiction at the time of construction of an occupancy or installation of a system or of equipment.

3.3.6* Assessment.

A structured process by which relevant information is gathered for the purpose of determining specific juvenile or family intervention needs.

3.3.7 Building Service Equipment.

The items or components that provide lighting, heating, ventilation, and air conditioning, along with elevators and escalators.

3.3.8 Campaign.

A component of an organizational fire and life safety education strategy with a predetermined time frame.

3.3.9 Candidate.

A person who has applied to become a fire inspector or plan examiner.

3.3.10 Community Risk.

See 3.3.65.2.

3.3.11 Community Risk Reduction.

See 3.3.65.3.

3.3.12 Confidentiality.

A principle of law and professional ethics that recognizes the privacy of individuals.

3.3.13 Construction Documents.

See 3.3.49, Plan.

3.3.14 Create.

Design original educational or informational resource materials.

3.3.15 Develop.

Modification, expansion, or compilation of existing educational or informational materials or resources.

3.3.16 Due Process.

The compliance with the criminal and civil laws and procedures within the jurisdiction where the incident occurred. [1033, 2014]

3.3.17 Educational Methodology.

The sum of knowledge and skills, including instructional materials, used by the fire and life safety educator to create a positive outcome related to the learning objectives.

3.3.18 Family/Family Dynamics.**3.3.18.1 Family.**

The composition of individuals who either live with and/or care for the youth firesetter. Examples of family members are parents, legal guardians, relatives, and other caregivers.

3.3.18.2 Family Dynamics.

The structure and characteristics of a person's living environment(s), including relatives, legal guardian(s), caregivers, and other relationships, and their interactions with each other.

3.3.19 Fire and Life Safety Education.

Comprehensive community fire and injury prevention programs designed to eliminate or mitigate situations that endanger lives, health, property, or the environment.

3.3.20 Fire and Life Safety Education Strategy.

An organization's comprehensive plan that is designed, through fire and life safety education programs, campaigns, and initiatives, to eliminate or mitigate risks that endanger lives, health, property, or the environment.

3.3.21 Fire and Life Safety Educator (FLSE).**3.3.21.1 Fire and Life Safety Educator I (FLSE I).**

The individual who has demonstrated the ability to coordinate and deliver existing educational programs and information.

3.3.21.2 Fire and Life Safety Educator II (FLSE II).

The individual who has demonstrated the ability to prepare educational programs and information to meet identified needs.

3.3.21.3 Fire and Life Safety Educator III (FLSE III).

The individual who has demonstrated the ability to create, administer, and evaluate educational programs and information.

3.3.22 Fire Growth Potential.

The potential size or intensity of a fire over a period of time based on the available fuel and the fire's configuration.

3.3.23 Fire Inspector.

An individual who conducts fire code inspections and applies codes and standards.

3.3.24 Fire Inspector I.

An individual at the first level of progression who has met the job performance requirements specified in chapter 6 for Level I. The Fire Inspector I conducts basic fire inspections and applies codes and standards.

3.3.25 Fire Inspector II.

An individual at the second or intermediate level of progression who has met the job performance requirements specified in chapter 7 for Level II. The Fire Inspector II conducts most types of inspections and interprets applicable codes and standards.

3.3.26 Fire Inspector III.

An individual at the third and most advanced level of progression who has met the job performance requirements specified in chapter 8 for Level III. The Fire Inspector III performs all types of fire inspections, plans review duties, and resolves complex code-related issues.

3.3.27 Fire Investigator.

An individual who has demonstrated the skills and knowledge necessary to conduct, coordinate, and complete an investigation. [1033, 2014]

3.3.28* Fire Marshal.

A person designated to provide delivery, management, and/or administration of fire protection– and life safety–related codes and standards, investigations, education, and/or prevention services for local, county, state, provincial, federal, tribal, or private sector jurisdictions as adopted or determined by that entity.

3.3.29 Fire Science.

The body of knowledge concerning the study of fire and related subjects (such as combustion, flame, products of combustion, heat release, heat transfer, fire and explosion chemistry, fire and explosion dynamics, thermodynamics, kinetics, fluid mechanics, fire safety) and their interaction with people, structures, and the environment. [921, 2014]

3.3.30* Firesetting.

Any unsanctioned incendiary use of fire, including both intentional and unintentional involvement, whether or not an actual fire and/or explosion occurs.

3.3.31 Incident Information Worksheet.

A worksheet used to give an official statement or an account of any emergency-related situation, event, or incident that is distributed publicly to the media.

3.3.32 Initiative.

A fire or life safety program that targets a specific issue and audience(s) and is terminated when program goals are achieved.

3.3.33* Intake/Interview.**3.3.33.1** *Intake.*

The process of collecting initial information from the youth and family regarding the incident(s) that brought the youth to the program.

3.3.33.2 *Interview.*

The process of gathering and/or disseminating information.

3.3.34 Interagency Network.

A group of agencies, including but not limited to public safety, social services, mental health, education, and health care providers, working in a formal/informal partnership to address youth firesetting.

3.3.35 Intervention.

A formal process for firesetting behavior that includes intake, interview, education, referral, and evaluation.

3.3.36 Investigation.

A systematic inquiry or examination.

3.3.37 Job Performance Requirement (JPR).

A written statement that describes a specific job task, lists the items necessary to complete the task, and defines measurable or observable outcomes and evaluation areas for the specific task. [1000, 2011]

3.3.38 Jurisdiction.

A governmental, corporate, contractual, or other legally defined boundary.

3.3.39* Jurisdictional Requirements.

Those documents or controls, other than codes and standards, that are legally adopted and enforced by a jurisdiction.

3.3.40 Lesson.

A component of a program in which the educator directly presents fire or life safety information to a group.

3.3.41 Liability.

Legal responsibility and accountability for an act or process related to a program.

3.3.42* Means of Egress.

A continuous and unobstructed way of travel from any point in a building or structure to a public way consisting of three separate and distinct parts: (1) the exit access, (2) the exit, and (3) the exit discharge. [**101**, 2012]

3.3.43 Media Advisory.

A tool used to invite members of the media to a scheduled event or activity.

3.3.44 Neglect.

Failure to act on behalf of or in protection of an individual in one's care.

3.3.45 News Release.

An official statement or account of a situation, event, or incident prepared and distributed publicly or to the media.

3.3.46 Organization.

The operational unit within the jurisdiction in which the Fire Marshal functions.

3.3.47 People-First Language.

Language that puts the person first, not the person's condition or disability. People with disabilities are people first — they are not their diagnoses or their disabilities. People-first language is a respectful, accurate manner in which to speak and write about people who happen to have a disability.

3.3.48 Personal Protective Clothing.

Clothing provided for the fire inspector's personal protection, including a helmet/hard hat, safety glasses, safety shoes/boots, gloves, and coveralls.

3.3.49* Plan.

A graphic representation of a building structure or portion of a building structure, fire protection system, or fire assembly or equipment.

3.3.50 Plan Examiner I.

An individual at the first level of progression who has met the job performance requirements specified in chapter 9 for Level I. The Plan Examiner I conducts basic plan reviews and applies codes and standards.

3.3.51 Plan Examiner II.

An individual at the second or most advanced level of progression who has met the job performance requirements specified in chapter 10 for Level II. The Plan Examiner II conducts plan reviews and interprets applicable codes and standards.

3.3.52 Prepared Program.

An assembled kit, including a lesson plan, behavioral objectives, presentation outline, instructional materials, and evaluation instruments, that is ready to be presented.

3.3.53 Process and Operations.

Include the manufacture, storage, and transportation of goods and chemicals; the storage and dispensing of flammable and combustible liquids, solids, and gases; and the manufacture, use, storage, and transportation of explosives, spray painting, milling, and the like.

3.3.54* Professional Development.

A continuous process of training, education, knowledge, and skills enhancement.

3.3.55 Program.

A comprehensive strategy that addresses safety issues via educational means.

3.3.56 Public Information Officer (PIO).

The individual who has demonstrated the ability to conduct media interviews and prepare news releases and media advisories.

3.3.57 Qualification.

Having satisfactorily completed the requirements of the objectives. [1021, 2014]

3.3.58 Qualified.

A determination by an AHJ that an individual has demonstrated compliance through evaluation of the individual's knowledge, skills, and abilities.

3.3.59 Recidivism.

Recurrence of firesetting behavior.

3.3.60 Referral.

An act or process by which an individual and/or family gain access to a program or community resources.

3.3.61 Regulatory.

Code enforcement, fire inspection, or plans examination.

3.3.62 Requisite Knowledge.

Fundamental knowledge one must have in order to perform a specific task.

3.3.63 Requisite Skills.

The essential skills one must have in order to perform a specific task.

3.3.64 Resources.

Any personnel, materials, or both, including volunteer educators, educational or promotional materials, and financial resources, required to meet the needs of a program.

3.3.65 Risk.

A measure of the probability and severity of adverse effects that result from exposure to a hazard. [1451, 2013]

3.3.65.1 *Acceptable Level of Risk.*

The minimum risk occurrence magnitude that is accepted by the stakeholders in the community.

3.3.65.2 *Community Risk.*

Risk that pertains to the overall community, as opposed to individual properties, locales, stakeholders, or other community elements.

3.3.65.3* *Community Risk Reduction.*

Programs, actions, and services used by a community, which prevent or mitigate the loss of life, property, and resources associated with life safety, fire, and other disasters within a community.

3.3.65.4 *Target Risk.*

A risk that has been identified by analysis of data, has been evaluated by the authority having jurisdiction and/or stakeholders, and is to be mitigated.

3.3.66 Shop Drawings.

Scaled working drawings, equipment cutsheets, and design calculations. (See 3.3.49, *Plan*.)

3.3.67 Strategy.

A comprehensive organizational plan that is designed to eliminate or mitigate risks that endanger lives, health, property, or the environment through fire and life safety education programs.

3.3.68 Supervisor.

An individual responsible for overseeing the performance or activity of other members. [1021, 2014]

3.3.69 Systems.**3.3.69.1** *Fire Protection Systems.*

Systems, devices, and equipment used to detect a fire and its by-products, actuate an alarm, or suppress or control a fire and its by-products, or any combination thereof.

3.3.69.2* *Life Safety Systems.*

Those systems that enhance or facilitate evacuation, smoke control, compartmentalization, and/or isolation.

3.3.69.3 *Security Systems.*

Several items of equipment, processes, design features, and actions or behaviors intended to discover, report, deter, or delay criminal acts from being perpetrated against persons or property.

3.3.70 Target Risk.

See 3.3.65.4.

3.3.71 Task.

A specific job behavior or activity. [1002, 2014]

3.3.72 Third Party.

A professional qualified as a result of training, education, and experience who can perform a compliance and hazard analysis.

3.3.73 Youth Firesetter.

A person, through the age of 18, or as defined by the authority having jurisdiction, who is involved in the act of firesetting.

3.3.74 Youth Firesetter Intervention Specialist (YFIS).

The individual who has demonstrated the ability to conduct an intake/interview with a firesetter and his or her family using prepared forms and guidelines and who, based on program policies and procedures, determines the need for referral and/or implements educational intervention strategies to mitigate effects of firesetting behavior.

3.3.75 Youth Firesetter Program Manager (YFPM).

The individual who has demonstrated the ability to manage a youth firesetting intervention program and the activities of Youth Firesetter Intervention Specialist (YFIS).

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
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Statement of Problem and Substantiation for Public Input

The Technical Committee met on March 23-24, 2018, and drafted proposed comprehensive changes to NFPA 1031. This public input represents changes to certain affected definitions in Chapter 3 to correlate with those changes.

Submitter Information Verification

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Submittal Date: Fri Oct 16 08:08:28 EDT 2020

Committee: PQU-FIS

Committee Statement

Resolution: The committee created a committee input for each definition to be recommended for approval to the PQU-FMA TC.



Public Input No. 59-NFPA 1030-2020 [New Section after 5.4.7]

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Chapter 4 Company Level Inspector

4.1* General. The Company Level Inspector shall meet the job performance requirements defined in Sections

4.2 through 4.4. In addition, the Company Level Inspector shall meet the requirements of Section 4.2 of NFPA

472.

4.2* Administration. This duty involves the preparation of inspection reports, handling of complaints, and

maintenance of records, as well as maintenance of an open dialogue with the fire prevention staff, according to

the following job performance requirements.

4.2.1 Prepare inspection reports, given agency policy and procedures, and observations from an assigned field

inspection, so that the report is clear and concise and reflects the findings of the inspection in accordance with

the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge. Applicable codes and standards adopted by the jurisdiction and policies of the

jurisdiction.

(B) Requisite Skills. The ability to conduct a field inspection, apply codes and standards, and communicate

orally and in writing.

4.2.2* Recognize the need for a permit, given a situation or condition, so that the need for permits are

communicated to the building owner and fire prevention staff.

(A) Requisite Knowledge. Permit policies of the jurisdiction and the rationale for the permit.

(B) Requisite Skills. The ability to communicate orally and in writing.

4.2.4* Investigate basic complaints, given a reported situation or condition, so that complaint information is

recorded, the findings are forwarded to the fire prevention staff, and the complaint is resolved.

(A) Requisite Knowledge. Applicable policies of the jurisdiction.

(B) Requisite Skills. The ability to apply basic fire prevention principles, communicate orally and in writing,

recognize problems, forward to appropriate fire prevention personnel when needed, and resolve complaints.

4.2.5* Identify basic fire and life safety hazards, given a fire protection, fire

prevention, or life safety issue, so

that the applicable action is taken per department policy.

(A) Requisite Knowledge. General fire and life safety hazards . Applicable policies of the jurisdiction.

(B) Requisite Skills. The ability to apply policies.

4.3 Field Inspection. This duty involves fire and life safety inspections of existing structures and properties for

basic fire and life safety hazards, according to the following job performance requirements.

4.3.1 Identify the basic fire and life safety hazards of an occupancy.

(A) Requisite Knowledge. Basic fire and life safety hazards by occupancy type, Occupancy classification

types; operational features; and fire hazards presented by various occupancies.

(B) Requisite Skills. The ability to make observations and correct basic violations, forward observations and

hazards to the fire prevention staff.

4.3.3* Inspect means of egress elements, given observations made during a field inspection of an existing

building, so that means of egress elements are maintained free of obstructions, easily operated, not locked and

deficiencies are identified, documented, and reported in accordance with the applicable policies of the

jurisdiction.

(A) Requisite Knowledge. Applicable knowledge related to means of egress elements, maintenance

requirements of egress elements,

(B) Requisite Skills. The ability to observe and recognize problems, make basic decisions related to means of

egress.

4.3.5* Determine the operational readiness of existing fixed fire suppression systems, given field

observations, so that the systems are in an operational state and deficiencies are identified, documented, and

reported in accordance with the policies of the jurisdiction.

(A) Requisite Knowledge. A basic understanding of the components and operation of fixed fire suppression

systems.

(B) Requisite Skills. The ability to observe, recognize problems, and report problems.

4.3.6* Determine the operational readiness of existing fire detection and alarm systems, given field

observations, so that the systems are in an operational state, and deficiencies are identified, documented, and

reported in accordance with the policies of the jurisdiction.

(A) Requisite Knowledge. A basic understanding of the components and operation of fire detection and alarm

systems and devices.

(B) Requisite Skills. The ability to observe, recognize problems, and report problems.

4.3.7* Determine the operational readiness of existing portable fire extinguishers, given field observations, so

that the equipment is in an operational state, and deficiencies are identified, documented, and reported in

accordance with the policies of the jurisdiction.

(A) Requisite Knowledge. A basic understanding of portable fire extinguishers, including their components.

(B) Requisite Skills. The ability to observe, recognize problems, and report problems.

4.3.8* Recognize hazardous conditions involving equipment, processes, and operations, given field

observations, so that the equipment, processes, or operations are conducted, maintained and in accordance

with the applicable policies of the jurisdiction.

(A) Requisite Knowledge. Practices and techniques of code compliance inspections, fire behavior, fire

prevention practices, ignition sources, safe housekeeping practices, and classification of hazardous materials.

(B) Requisite Skills. The ability to observe, communicate, apply codes and standards, recognize problems, and

make decisions.

4.3.11* Inspect emergency access for an existing site, given field observations, so that the required access for

emergency responders is maintained and deficiencies are identified, documented, and corrected in accordance

with the applicable policies of the jurisdiction.

(A) Requisite Knowledge. Policies of the jurisdiction, and emergency access and accessibility requirements.

(B) Requisite Skills. The ability to identify the emergency access requirements observe, and report deficiencies

per the policies of the jurisdiction

4.3.13* Verify code compliance for incidental storage, handling, and use of hazardous materials, given field

observations, so that applicable deficiencies are identified, documented, and reported in accordance with the

applicable policies of the jurisdiction.

(A) Requisite Knowledge. Classification, properties, labeling, transportation, storage, handling, and use of

hazardous materials.

(B) Requisite Skills. The ability to observe, communicate, apply polices, recognize problems, and make

decisions.

4.3.14 Recognize a hazardous fire growth potential in a building or space, given field observations, so that the

hazardous conditions are identified, documented, and reported in accordance with the policies of the

jurisdiction.

(A) Requisite Knowledge. Basic fire behavior; flame spread and smoke development ratings of contents,

interior finishes, building construction elements, decorations, decorative materials, and furnishings; and safe

housekeeping practices.

(B) Requisite Skills. The ability to observe, communicate, apply codes and standards, recognize hazardous

conditions, and make decisions.

4.4 Plans Review. There are no plan review job performance requirements for Company Level Inspector.

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._29_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

This proposal comes from NFPA 1730 Technical Committee on the need to add a Company Level Inspector Level. The TC has reviewed the current Fire Inspector 1 and this Committee feels FI 1 exceeds what current practicing Company Level Inspectors are currently doing in the field. This was submitted in the last edition of NFPA 1031 and the TC was to appoint a Task Group to address the requirements for this edition.

Submitter Information Verification

Submitter Full Name: Ronald Farr
Organization: Plainwell Fire Department
Street Address:
City:
State:
Zip:
Submittal Date: Fri Oct 16 12:04:20 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: [FR-1-NFPA 1030-2020](#)

Statement: The technical committee performed a task analysis of the positions of fire inspector and plan examiner and concluded there was little value in maintaining the 3 levels of fire inspector and 2 levels of plan examiner. The committee consider public input in developing a basic level of fire inspector to perform inspections (company level) by individuals not normally assigned to a dedicated fire inspection function in their organization. The position of First Responder Inspector represents this basic level of inspector and can be someone not associated with the fire service.

Additionally, the committee determined that plan reading can happen with each of the positions of first responder inspector, fire inspector, or fire plans examiner.

The committee also determined the current wording for the "format" of plans is appropriate and actually allows for technological advances with design submittals.



Public Input No. 61-NFPA 1030-2020 [New Section after 5.4.7]

[See attachment](#)

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._35_-_1031.pdf	
1031-1_HOLD.1523895992766.pdf	

Statement of Problem and Substantiation for Public Input

NOTE: This Public Input appeared as a "Hold" on Comment No. 1031-1 of the A2013 Report on Comments for NFPA 1031 and per the Regs. at 4.4.8.3.1.

Reconsider the original proposal 1031-5 and add a new chapter 4 on Company Level Inspector and renumber the remaining. The committee stated that the current Fire Inspector Level I is the level to use for a company level inspector. Having been involved with Fire Inspector I certification; the requirements of this level are way too complex for the average fire fighter performing basic fire inspection duties. The basic company level inspector is looking at basic fire safety concerns they should not interpreting codes and standards and other higher level skills within fire inspector I level as currently worded. The current fire inspector I training program takes a minimum of 40 hours for the class alone and then they need to take a four hour exam. This is way to labor intensive for a front line fire fighter. Recertification is also required with most programs. Nowhere, except the annex, is the title or reference to fire fighters who are normally assigned to fire suppression or other individuals whose primary job responsibilities are not fire inspection. In as much as a company level inspector is a common term and applied it needs to be recognized within 1031. If it is truly the intent of the committee that a Fire inspector I also be a company level inspector then the title of Chapter 4 should be Company Level Inspector/Fire Inspector I.

Submitter Information Verification

Submitter Full Name: TC on PQU-FIS
Organization: NFPA
Street Address:
City:
State:
Zip:
Submittal Date: Fri Oct 16 12:39:24 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: [FR-1-NFPA 1030-2020](#)

Statement: The technical committee performed a task analysis of the positions of fire inspector and plan examiner and concluded there was little value in maintaining the 3 levels of fire inspector and 2 levels of plan examiner. The committee consider public input in

developing a basic level of fire inspector to perform inspections (company level) by individuals not normally assigned to a dedicated fire inspection function in their organization. The position of First Responder Inspector represents this basic level of inspector and can be someone not associated with the fire service.

Additionally, the committee determined that plan reading can happen with each of the positions of first responder inspector, fire inspector, or fire plans examiner.

The committee also determined the current wording for the "format" of plans is appropriate and actually allows for technological advances with design submittals.



Public Input No. 17-NFPA 1030-2020 [Chapter 6]

Chapter 6 Fire Inspector I (NFPA 1031)

6.1. Administration.

6.1.1* Scope.

Chapters 6 through 10 identify the minimum job performance requirements (JPRs) for fire inspectors and plan examiners.

6.1.2 Purpose.

The purpose of chapters 6 through 10 are to specify the minimum job performance requirements for serving as a fire inspector and plan examiner.

6.1.2.1

Chapters 6 through 10 shall define three levels of progression for fire inspectors and two levels of progression for plan examiners.

6.1.2.2*

Chapters 6 through 10 shall not address management responsibility.

6.1.2.3

It is not the intent of chapters 6 through 10 to restrict any jurisdiction from exceeding or combining these minimum requirements.

6.1.3 General.

6.1.3.1*

The Fire Inspector I or Plan Examiner I candidate shall provide evidence of knowledge of characteristics and behavior of fire, fire prevention principles, written and oral communications, public relations, and basic mathematics.

6.1.3.2

The job performance requirements for each level of progression shall be completed in accordance with recognized practices and procedures or as defined by law or by the authority having jurisdiction.

6.1.3.3

The job performance requirements need not be mastered in the order in which they appear. The local, state/provincial, or federal training programs shall establish the instructional priority and the training program content to prepare individuals to meet the job performance requirements of chapters 6 through 10.

6.1.3.4*

Evaluation of job performance requirements shall be by individuals approved by the authority having jurisdiction.

6.1.3.5

A person assigned the duties of Fire Inspector shall meet all of the requirements defined in Chapter 6 prior to being qualified as a Fire Inspector I.

6.1.3.6

A person assigned the duties of Fire Inspector I shall meet all of the requirements defined in Chapter 7 prior to being qualified as a Fire Inspector II.

6.1.3.7*

A person assigned the duties of Fire Inspector II shall meet all of the requirements defined in Chapter 8 prior to being qualified as a Fire Inspector III.

6.1.3.8

A person assigned the duties of Plan Examiner shall meet all of the requirements defined in Chapter 9 prior to being qualified as a Plan Examiner I.

6.1.3.9

A person assigned the duties of Plan Examiner I shall meet all of the requirements defined in Chapter 10 prior to being qualified as a Plan Examiner II.

6.1.3.10*

The fire inspector and plan examiner at all levels of progression shall remain current with the origins and limits of their authority, fire protection technology, fire prevention practices, inspection methods, and applicable codes and standards.

6.1.3.11*

The fire inspector and plan examiner at all levels shall perform assigned duties in accordance with applicable safety standards. The authority having jurisdiction shall provide personal protective clothing and the equipment necessary to conduct assigned inspections and plan review.

6.1.3.12*

The fire inspector and plan examiner at all levels shall be provided with codes, standards, policies, and procedures applicable to the jurisdiction and the assignment.

6.1.3.13

The fire inspector and plan examiner at all levels shall complete inspections, plan review duties, and perform other related activities, so that available time is used efficiently.

6.1.3.14*

The fire inspector and plan examiner at all levels shall be able to develop written correspondence to communicate fire protection and fire and life safety code requirements, so that the correspondence provides an accurate interpretation of applicable codes and standards and is for the intended audience.

6.1.3.15*

The fire inspector and plan examiner at all levels shall maintain records and related documents, so that information can be retrieved and is filed in compliance with the record-keeping policies of the organization.

6.1.3.16

The fire inspector and plan examiner at all levels shall be able to read plans.

6.2* General.

The Fire Inspector I shall meet the job performance requirements defined in Sections 6.2 through 6.5. In addition, the Fire Inspector I shall meet the requirements of Section 4.3 of NFPA 472.

6.3* Administration.

This duty involves the preparation of correspondence and inspection reports, handling of complaints, and maintenance of records, as well as participation in legal proceedings and maintenance of an open dialogue with the plan examiner and emergency response personnel, according to the following job performance requirements.

6.3.1

Prepare inspection reports, given agency policy and procedures, and observations from an assigned field inspection, so that the report is clear and concise and reflects the findings of the inspection in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Applicable codes and standards adopted by the jurisdiction and policies of the jurisdiction.

(B) Requisite Skills.

The ability to conduct a field inspection, apply codes and standards, and communicate orally and in writing.

6.3.2*

Recognize the need for a permit, given a situation or condition, so that requirements for permits are communicated in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Permit policies of the jurisdiction and the rationale for the permit.

(B) Requisite Skills.

The ability to communicate orally and in writing.

6.3.3

Recognize the need for plan review, given a situation or condition, so that requirements for plan reviews are communicated in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Plan review policies of the jurisdiction and the rationale for the plan review.

(B) Requisite Skills.

The ability to communicate orally and in writing.

6.3.4*

Investigate common complaints, given a reported situation or condition, so that complaint information is recorded, the AHJ-approved process is initiated, and the complaint is resolved.

(A) Requisite Knowledge.

Applicable codes and standards adopted by the jurisdiction and policies of the jurisdiction.

(B) Requisite Skills.

The ability to apply codes and standards, communicate orally and in writing, recognize problems, and resolve complaints.

6.3.5*

Identify the applicable code or standard, given a fire protection, fire prevention, or life safety issue, so that the applicable document, edition, and section are referenced.

(A) Requisite Knowledge.

Applicable codes and standards adopted by the jurisdiction.

(B) Requisite Skills.

The ability to apply codes and standards.

6.3.6

Participate in legal proceedings, given the findings of a field inspection or a complaint and consultation with legal counsel, so that all information is presented and the inspector's demeanor is professional.

(A) Requisite Knowledge.

The legal requirements pertaining to evidence rules in the legal system and types of legal proceedings.

(B) Requisite Skills.

The ability to maintain a professional courtroom demeanor, communicate, listen, and differentiate facts from opinions.

6.4 Field Inspection.

This duty involves fire safety inspections of new and existing structures and properties for construction, occupancy, fire protection, and exposures, according to the following job performance requirements.

6.4.1

Identify the occupancy classification of a single-use occupancy, given a description of the occupancy and its use, so that the classification is made according to the applicable codes and standards.

(A) Requisite Knowledge.

Occupancy classification types; applicable codes, regulations, and standards adopted by the jurisdiction; operational features; and fire hazards presented by various occupancies.

(B) Requisite Skills.

The ability to make observations and correct decisions.

6.4.2

Compute the allowable occupant load of a single-use occupancy or portion thereof, given a detailed description of the occupancy, so that the calculated allowable occupant load is established in accordance with applicable codes and standards.

(A) Requisite Knowledge.

Occupancy classification; applicable codes, regulations, and standards adopted by the jurisdiction; operational features; fire hazards presented by various occupancies; and occupant load factors.

(B) Requisite Skills.

The ability to calculate occupant loads, identify occupancy factors related to various occupancy classifications, use measuring tools, and make field sketches.

6.4.3*

Inspect means of egress elements, given observations made during a field inspection of an existing building, so that means of egress elements are maintained in compliance with applicable codes and standards and deficiencies are identified, documented, and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Applicable codes and standards adopted by the jurisdiction related to means of egress elements, maintenance requirements of egress elements, types of construction, occupancy egress requirements, and the relationship of fixed fire protection systems to egress requirements and to approved means of egress elements, including, but not limited to, doors, hardware, and lights.

(B) Requisite Skills.

The ability to observe and recognize problems, calculate, make basic decisions related to means of egress, use measuring tools, and make field sketches.

6.4.4*

Verify the type of construction for an addition or remodeling project, given field observations or a description of the project and the materials being used, so that the construction type is identified and recorded in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Applicable codes and standards adopted by the jurisdiction, types of construction, rated construction components, and accepted building construction methods and materials.

(B) Requisite Skills.

The ability to read plans, make decisions, and apply codes and standards.

6.4.5*

Determine the operational readiness of existing fixed fire suppression systems, given test documentation and field observations, so that the systems are in an operational state, maintenance is documented, and deficiencies are identified, documented, and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

A basic understanding of the components and operation of fixed fire suppression systems and applicable codes and standards.

(B) Requisite Skills.

The ability to observe, make decisions, recognize problems, and read reports.

6.4.6*

Determine the operational readiness of existing fire detection and alarm systems, given test documentation and field observations, so that the systems are in an operational state, maintenance is documented, and deficiencies are identified, documented, and reported in accordance with the policies of the jurisdiction.

(A) Requisite Knowledge.

A basic understanding of the components and operation of fire detection and alarm systems and devices and applicable codes and standards.

(B) Requisite Skills.

The ability to observe, make decisions, recognize problems, and read reports.

6.4.7*

Determine the operational readiness of existing portable fire extinguishers, given field observations and test documentation, so that the equipment is in an operational state, maintenance is documented, and deficiencies are identified, documented, and reported in accordance with the policies of the jurisdiction.

(A) Requisite Knowledge.

A basic understanding of portable fire extinguishers, including their components and placement, and applicable codes and standards.

(B) Requisite Skills.

The ability to observe, make decisions, recognize problems, and read reports.

6.4.8*

Recognize hazardous conditions involving equipment, processes, and operations, given field observations, so that the equipment, processes, or operations are conducted and maintained in accordance with applicable codes and standards and deficiencies are identified, documented, and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Practices and techniques of code compliance inspections, fire behavior, fire prevention practices, ignition sources, safe housekeeping practices, and classification of hazardous materials.

(B) Requisite Skills.

The ability to observe, communicate, apply codes and standards, recognize problems, and make decisions.

6.4.9

Compare an approved plan to an existing fire protection system, given approved plans and field observations, so that any modifications to the system are identified, documented, and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Fire protection symbols and terminology.

(B) Requisite Skills.

The ability to read and comprehend plans for fire protection systems, observe, communicate, apply codes and standards, recognize problems, and make decisions.

6.4.10*

Verify that emergency planning and preparedness measures are in place and have been practiced, given field observations, copies of emergency plans, and records of exercises, so that plans are prepared and exercises have been performed in accordance with applicable codes and standards and deficiencies are identified, documented, and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Requirements relative to emergency evacuation drills that are required within the jurisdiction, ways to conduct and/or evaluate fire drills in various occupancies, and human behavior during fires and other emergencies.

(B) Requisite Skills.

The ability to identify the emergency evacuation requirements contained in the applicable codes and standards and interpret plans and reports.

6.4.11*

Inspect emergency access for an existing site, given field observations, so that the required access for emergency responders is maintained and deficiencies are identified, documented, and corrected in accordance with the applicable codes, standards, and policies of the jurisdiction.

(A) Requisite Knowledge.

Applicable codes and standards, the policies of the jurisdiction, and emergency access and accessibility requirements.

(B) Requisite Skills.

The ability to identify the emergency access requirements contained in the applicable codes and standards, observe, make decisions, and use measuring tools.

6.4.12*

Verify code compliance for incidental storage, handling, and use of flammable and combustible liquids and gases, given field observations and inspection guidelines from the AHJ, so that applicable codes and standards are addressed and deficiencies are identified, documented, in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Classification, properties, labeling, storage, handling, and use of incidental amounts of flammable and combustible liquids and gases.

(B) Requisite Skills.

The ability to observe, communicate, apply codes and standards, recognize problems, and make decisions.

6.4.13*

Verify code compliance for incidental storage, handling, and use of hazardous materials, given field observations, so that applicable codes and standards for each hazardous material encountered are addressed and deficiencies are identified, documented, and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Classification, properties, labeling, transportation, storage, handling, and use of hazardous materials.

(B) Requisite Skills.

The ability to observe, communicate, apply codes and standards, recognize problems, and make decisions.

6.4.14

Recognize a hazardous fire growth potential in a building or space, given field observations, so that the hazardous conditions are identified, documented, and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Basic fire behavior; flame spread and smoke development ratings of contents, interior finishes, building construction elements, decorations, decorative materials, and furnishings; and safe housekeeping practices.

(B) Requisite Skills.

The ability to observe, communicate, apply codes and standards, recognize hazardous conditions, and make decisions.

6.4.15*

Determine code compliance, given the codes, standards, and policies of the jurisdiction and a fire protection issue, so that the applicable codes, standards, and policies are identified and compliance is determined.

(A) Requisite Knowledge.

Basic fire behavior; flame spread and smoke development ratings of contents, interior finishes, building construction elements, life safety systems, decorations, decorative materials, and furnishings; and safe housekeeping practices.

(B) Requisite Skills.

The ability to observe, communicate, apply codes and standards, recognize hazardous conditions, and make decisions.

6.4.16

Verify fire flows for a site, given fire flow test results and water supply data, so that required fire flows are in accordance with applicable codes and standards and deficiencies are identified, documented, and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Types of water distribution systems and other water sources in the local community, water distribution system testing, characteristics of public and private water supply systems, and flow testing procedures.

(B) Requisite Skills.

The ability to use Pitot tubes, gauges, and other data gathering devices as well as calculate and graph fire flow results.

6.5 Plans Review.

There are no plan review job performance requirements for Fire Inspector I.

Additional Proposed Changes

<u>File Name</u>	<u>Description</u>	<u>Approved</u>
PQU-FIS_1031_FRs.pdf	1031 Technical Committee work captured from the 3/23-24/2018 Pre-Draft Meeting and the 1/28-29/2019 original First Draft Meeting	

Statement of Problem and Substantiation for Public Input

This public input to the NFPA 1030 document is submitted on behalf of the Technical Committee on Pro Quals Fire Inspector and Plan Examiner in order to capture and preserve the existing work conducted by the TC at their Pre-Draft Meeting held in Quincy, MA on March 23 & 24, 2018 and the original 1031 First Draft Meeting held in San Diego, CA on January 28 & 29, 2019. Revisions to scope, definition, annexes are included. The overhaul of the 1031 document reduces the three levels of Fire Inspector to a single professional qualifications level, reduces the two levels of Plan Examiner to a single level and introduces the professional qualifications for a first responder who is assigned additional duties to conduct basic familiarization and fire inspections which would normally be outside their normal duties.

Submitter Information Verification

Submitter Full Name: Peter Mulvihill
Organization: Retired fire marshal
Affiliation: None
Street Address:
City:
State:
Zip:
Submittal Date: Wed Aug 12 13:08:53 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: The committee created a first revision to establish the positions of First R



Public Input No. 55-NFPA 1030-2020 [Chapter 6]

Chapter 6 Fire Inspector I (NFPA 1031)

6.1. Administration.

6.1.1* Scope.

Chapters 6 through 10 identify the minimum job performance requirements (JPRs) for fire inspectors and plan examiners.

6.1.2 Purpose.

The purpose of chapters 6 through 10 are to specify the minimum job performance requirements for serving as a fire inspector and plan examiner.

6.1.2.1

Chapters 6 through 10 shall define three levels of progression for fire inspectors and two levels of progression for plan examiners.

6.1.2.2*

Chapters 6 through 10 shall not address management responsibility.

6.1.2.3

It is not the intent of chapters 6 through 10 to restrict any jurisdiction from exceeding or combining these minimum requirements.

6.1.3 General.

6.1.3.1*

The Fire Inspector I or Plan Examiner I candidate shall provide evidence of knowledge of characteristics and behavior of fire, fire prevention principles, written and oral communications, public relations, and basic mathematics.

6.1.3.2

The job performance requirements for each level of progression shall be completed in accordance with recognized practices and procedures or as defined by law or by the authority having jurisdiction.

6.1.3.3

The job performance requirements need not be mastered in the order in which they appear. The local, state/provincial, or federal training programs shall establish the instructional priority and the training program content to prepare individuals to meet the job performance requirements of chapters 6 through 10.

6.1.3.4*

Evaluation of job performance requirements shall be by individuals approved by the authority having jurisdiction.

6.1.3.5

A person assigned the duties of Fire Inspector shall meet all of the requirements defined in Chapter 6 prior to being qualified as a Fire Inspector I.

6.1.3.6

A person assigned the duties of Fire Inspector I shall meet all of the requirements defined in Chapter 7 prior to being qualified as a Fire Inspector II.

6.1.3.7*

A person assigned the duties of Fire Inspector II shall meet all of the requirements defined in Chapter 8 prior to being qualified as a Fire Inspector III.

6.1.3.8

A person assigned the duties of Plan Examiner shall meet all of the requirements defined in Chapter 9 prior to being qualified as a Plan Examiner I.

6.1.3.9

A person assigned the duties of Plan Examiner I shall meet all of the requirements defined in Chapter 10 prior to being qualified as a Plan Examiner II.

6.1.3.10*

The fire inspector and plan examiner at all levels of progression shall remain current with the origins and limits of their authority, fire protection technology, fire prevention practices, inspection methods, and applicable codes and standards.

6.1.3.11*

The fire inspector and plan examiner at all levels shall perform assigned duties in accordance with applicable safety standards. The authority having jurisdiction shall provide personal protective clothing and the equipment necessary to conduct assigned inspections and plan review.

6.1.3.12*

The fire inspector and plan examiner at all levels shall be provided with codes, standards, policies, and procedures applicable to the jurisdiction and the assignment.

6.1.3.13

The fire inspector and plan examiner at all levels shall complete inspections, plan review duties, and perform other related activities, so that available time is used efficiently.

6.1.3.14*

The fire inspector and plan examiner at all levels shall be able to develop written correspondence to communicate fire protection and fire and life safety code requirements, so that the correspondence provides an accurate interpretation of applicable codes and standards and is for the intended audience.

6.1.3.15*

The fire inspector and plan examiner at all levels shall maintain records and related documents, so that information can be retrieved and is filed in compliance with the record-keeping policies of the organization.

6.1.3.16

The fire inspector and plan examiner at all levels shall be able to read plans.

6.2* General.

The Fire Inspector I shall meet the job performance requirements defined in Sections 6.2 through 6.5. In addition, the Fire Inspector I shall meet the requirements of Section 4.3 of NFPA 472.

6.3* Administration.

This duty involves the preparation of correspondence and inspection reports, handling of complaints, and maintenance of records, as well as participation in legal proceedings and maintenance of an open dialogue with the plan examiner and emergency response personnel, according to the following job performance requirements.

6.3.1

Prepare inspection reports, given agency policy and procedures, and observations from an assigned field inspection, so that the report is clear and concise and reflects the findings of the inspection in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Applicable codes and standards adopted by the jurisdiction and policies of the jurisdiction.

(B) Requisite Skills.

The ability to conduct a field inspection, apply codes and standards, and communicate orally and in writing.

6.3.2*

Recognize the need for a permit, given a situation or condition, so that requirements for permits are communicated in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Permit policies of the jurisdiction and the rationale for the permit.

(B) Requisite Skills.

The ability to communicate orally and in writing.

6.3.3

Recognize the need for plan review, given a situation or condition, so that requirements for plan reviews are communicated in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Plan review policies of the jurisdiction and the rationale for the plan review.

(B) Requisite Skills.

The ability to communicate orally and in writing.

6.3.4*

Investigate common complaints, given a reported situation or condition, so that complaint information is recorded, the AHJ-approved process is initiated, and the complaint is resolved.

(A) Requisite Knowledge.

Applicable codes and standards adopted by the jurisdiction and policies of the jurisdiction.

(B) Requisite Skills.

The ability to apply codes and standards, communicate orally and in writing, recognize problems, and resolve complaints.

6.3.5*

Identify the applicable code or standard, given a fire protection, fire prevention, or life safety issue, so that the applicable document, edition, and section are referenced.

(A) Requisite Knowledge.

Applicable codes and standards adopted by the jurisdiction.

(B) Requisite Skills.

The ability to apply codes and standards.

6.3.6

Participate in legal proceedings, given the findings of a field inspection or a complaint and consultation with legal counsel, so that all information is presented and the inspector's demeanor is professional.

(A) Requisite Knowledge.

The legal requirements pertaining to evidence rules in the legal system and types of legal proceedings.

(B) Requisite Skills.

The ability to maintain a professional courtroom demeanor, communicate, listen, and differentiate facts from opinions.

6.4 Field Inspection.

This duty involves fire safety inspections of new and existing structures and properties for construction, occupancy, fire protection, and exposures, according to the following job performance requirements.

6.4.1

Identify the occupancy classification of a single-use occupancy, given a description of the occupancy and its use, so that the classification is made according to the applicable codes and standards.

(A) Requisite Knowledge.

Occupancy classification types; applicable codes, regulations, and standards adopted by the jurisdiction; operational features; and fire hazards presented by various occupancies.

(B) Requisite Skills.

The ability to make observations and correct decisions.

6.4.2

Compute the allowable occupant load of a single-use occupancy or portion thereof, given a detailed description of the occupancy, so that the calculated allowable occupant load is established in accordance with applicable codes and standards.

(A) Requisite Knowledge.

Occupancy classification; applicable codes, regulations, and standards adopted by the jurisdiction; operational features; fire hazards presented by various occupancies; and occupant load factors.

(B) Requisite Skills.

The ability to calculate occupant loads, identify occupancy factors related to various occupancy classifications, use measuring tools, and make field sketches.

6.4.3*

Inspect means of egress elements, given observations made during a field inspection of an existing building, so that means of egress elements are maintained in compliance with applicable codes and standards and deficiencies are identified, documented, and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Applicable codes and standards adopted by the jurisdiction related to means of egress elements, maintenance requirements of egress elements, types of construction, occupancy egress requirements, and the relationship of fixed fire protection systems to egress requirements and to approved means of egress elements, including, but not limited to, doors, hardware, and lights.

(B) Requisite Skills.

The ability to observe and recognize problems, calculate, make basic decisions related to means of egress, use measuring tools, and make field sketches.

6.4.4*

Verify the type of construction for an addition or remodeling project, given field observations or a description of the project and the materials being used, so that the construction type is identified and recorded in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Applicable codes and standards adopted by the jurisdiction, types of construction, rated construction components, and accepted building construction methods and materials.

(B) Requisite Skills.

The ability to read plans, make decisions, and apply codes and standards.

6.4.5*

Determine the operational readiness of existing fixed fire suppression systems, given test documentation and field observations, so that the systems are in an operational state, maintenance is documented, and deficiencies are identified, documented, and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

A basic understanding of the components and operation of fixed fire suppression systems and applicable codes and standards.

(B) Requisite Skills.

The ability to observe, make decisions, recognize problems, and read reports.

6.4.6*

Determine the operational readiness of existing fire detection and alarm systems, given test documentation and field observations, so that the systems are in an operational state, maintenance is documented, and deficiencies are identified, documented, and reported in accordance with the policies of the jurisdiction.

(A) Requisite Knowledge.

A basic understanding of the components and operation of fire detection and alarm systems and devices and applicable codes and standards.

(B) Requisite Skills.

The ability to observe, make decisions, recognize problems, and read reports.

6.4.7*

Determine the operational readiness of existing portable fire extinguishers, given field observations and test documentation, so that the equipment is in an operational state, maintenance is documented, and deficiencies are identified, documented, and reported in accordance with the policies of the jurisdiction.

(A) Requisite Knowledge.

A basic understanding of portable fire extinguishers, including their components and placement, and applicable codes and standards.

(B) Requisite Skills.

The ability to observe, make decisions, recognize problems, and read reports.

6.4.8*

Recognize hazardous conditions involving equipment, processes, and operations, given field observations, so that the equipment, processes, or operations are conducted and maintained in accordance with applicable codes and standards and deficiencies are identified, documented, and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Practices and techniques of code compliance inspections, fire behavior, fire prevention practices, ignition sources, safe housekeeping practices, and classification of hazardous materials.

(B) Requisite Skills.

The ability to observe, communicate, apply codes and standards, recognize problems, and make decisions.

6.4.9

Compare an approved plan to an existing fire protection system, given approved plans and field observations, so that any modifications to the system are identified, documented, and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Fire protection symbols and terminology.

(B) Requisite Skills.

The ability to read and comprehend plans for fire protection systems, observe, communicate, apply codes and standards, recognize problems, and make decisions.

6.4.10*

Verify that emergency planning and preparedness measures are in place and have been practiced, given field observations, copies of emergency plans, and records of exercises, so that plans are prepared and exercises have been performed in accordance with applicable codes and standards and deficiencies are identified, documented, and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Requirements relative to emergency evacuation drills that are required within the jurisdiction, ways to conduct and/or evaluate fire drills in various occupancies, and human behavior during fires and other emergencies.

(B) Requisite Skills.

The ability to identify the emergency evacuation requirements contained in the applicable codes and standards and interpret plans and reports.

6.4.11*

Inspect emergency access for an existing site, given field observations, so that the required access for emergency responders is maintained and deficiencies are identified, documented, and corrected in accordance with the applicable codes, standards, and policies of the jurisdiction.

(A) Requisite Knowledge.

Applicable codes and standards, the policies of the jurisdiction, and emergency access and accessibility requirements.

(B) Requisite Skills.

The ability to identify the emergency access requirements contained in the applicable codes and standards, observe, make decisions, and use measuring tools.

6.4.12*

Verify code compliance for incidental storage, handling, and use of flammable and combustible liquids and gases, given field observations and inspection guidelines from the AHJ, so that applicable codes and standards are addressed and deficiencies are identified, documented, in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Classification, properties, labeling, storage, handling, and use of incidental amounts of flammable and combustible liquids and gases.

(B) Requisite Skills.

The ability to observe, communicate, apply codes and standards, recognize problems, and make decisions.

6.4.13*

Verify code compliance for incidental storage, handling, and use of hazardous materials, given field observations, so that applicable codes and standards for each hazardous material encountered are addressed and deficiencies are identified, documented, and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Classification, properties, labeling, transportation, storage, handling, and use of hazardous materials.

(B) Requisite Skills.

The ability to observe, communicate, apply codes and standards, recognize problems, and make decisions.

6.4.14

Recognize a hazardous fire growth potential in a building or space, given field observations, so that the hazardous conditions are identified, documented, and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Basic fire behavior; flame spread and smoke development ratings of contents, interior finishes, building construction elements, decorations, decorative materials, and furnishings; and safe housekeeping practices.

(B) Requisite Skills.

The ability to observe, communicate, apply codes and standards, recognize hazardous conditions, and make decisions.

6.4.15*

Determine code compliance, given the codes, standards, and policies of the jurisdiction and a fire protection issue, so that the applicable codes, standards, and policies are identified and compliance is determined.

(A) Requisite Knowledge.

Basic fire behavior; flame spread and smoke development ratings of contents, interior finishes, building construction elements, life safety systems, decorations, decorative materials, and furnishings; and safe housekeeping practices.

(B) Requisite Skills.

The ability to observe, communicate, apply codes and standards, recognize hazardous conditions, and make decisions.

6.4.16

Verify fire flows for a site, given fire flow test results and water supply data, so that required fire flows are in accordance with applicable codes and standards and deficiencies are identified, documented, and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Types of water distribution systems and other water sources in the local community, water distribution system testing, characteristics of public and private water supply systems, and flow testing procedures.

(B) Requisite Skills.

The ability to use Pitot tubes, gauges, and other data gathering devices as well as calculate and graph fire flow results.

6.5 Plans Review.

There are no plan review job performance requirements for Fire Inspector I.

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._39_-_1031.pdf	
1031-2020_Chapter_4_-_FRI_PJM_review.1535739014875.docx	

Statement of Problem and Substantiation for Public Input

The Technical Committee met on March 23-24, 2018, and drafted proposed comprehensive changes to NFPA 1031. A task group had been previously assigned to address a public input requesting JPRs for a Company Level Inspector. The committee as a whole further developed the concept and produced a new chapter 4 to cover this aspect of inspection. This public input represents the committee's work to add a new Chapter 4.

Submitter Information Verification

Submitter Full Name: Peter Mulvihill

Organization: [Not Specified]

Street Address:

City:

State:

Zip:

Submittal Date: Fri Oct 16 11:50:22 EDT 2020

Committee: PQU-FIS

Committee Statement

Resolution: The committee reviewed and incorporated first revisions created at its 2019 meeting.



Public Input No. 4-NFPA 1030-2020 [Section No. 6.1.1]

6.1.1* Scope.

Chapters 6 through 10 identify the minimum job performance requirements (JPRs) for fire inspectors and plan examiners.

Please do not change this to "First Responder Inspector" and do not reduce any of the JPRs for this position.

Statement of Problem and Substantiation for Public Input

This new document will take Fire Prevention backwards 20 years. The introduction of this "First Responder Inspector" makes no sense. If you must change the name, call it a "company inspector." If that is what its purpose is, then call it that. This is a term that is already familiar in the fire service.

The committee readily admits that "Fire Inspector Level 1" was designed to set the level for "company level inspector." This is what the committee considered as the minimum requirement for a company officer inspector. Lowering the requirement from "Fire Inspector 1" to "First Responder Inspector" is only going to create more disasters like the Ghost Ship Warehouse fire of December 2, 2016.

Submitter Information Verification

Submitter Full Name: George Malone

Organization: Mesquite Fire Dept/Collin College Fire Academy

Street Address:

City:

State:

Zip:

Submittal Date: Thu Jul 02 17:37:10 EDT 2020

Committee: PQU-FIS

Committee Statement

Resolution: The committee reviewed and discussed the need to established the levels of inspectors for the NFPA 1030 document and determined the need to keep the position titles for the first draft.



Public Input No. 5-NFPA 1030-2020 [Section No. 6.1.2 [Excluding any Sub-Sections]]

The purpose of chapters 6 through 10 are to specify the minimum job performance requirements for serving as a fire inspector and plan examiner.

Please do not add a "First Responder Inspector" to this text.

Statement of Problem and Substantiation for Public Input

This new document will take Fire Prevention backwards 20 years. The introduction of this "First Responder Inspector" makes no sense. If you must change the name, call it a "company inspector." If that is what it's purpose is, then call it that. This is a term that is already familiar in the fire service.

Submitter Information Verification

Submitter Full Name: George Malone

Organization: Mesquite Fire Dept/Collin College Fire Academy

Street Address:

City:

State:

Zip:

Submittal Date: Thu Jul 02 17:40:17 EDT 2020

Committee: PQU-FIS

Committee Statement

Resolution: The technical committee created the position of first responder inspector as an entry level inspector position with JPRs written to evaluate a person who does not perform fire inspections as part of their normal duties in their organization. The positions of first responder inspector and fire inspector have undergone a task analysis to provide a clear delineation of tasks to support duties associated with each of the positions.



Public Input No. 83-NFPA 1030-2020 [New Section after 6.1.2.3]

Add a new Section 6.1.2.4, and associated Annex to read:

6.1.2.4*

A Fire Inspector, and/or Plan Examiner, who performs or supports the duties and responsibilities covered by this standard shall remain current with the required requisite Knowledge, requisite Skills, and individual JPR's addressed for each level or position of qualification in order to maintain proficiency and competency with the JPR's covered in this standard.

A.6.1.2.4 Remaining professionally competent is important for any practitioner in a field. In the rapidly changing and developing field of the fire service this is particularly important. The Authority having Jurisdiction may consider establishing a path by which members can demonstrate continued JPR compliance and competency through continuing education or practice within the field consistent with current duties. It is recommended that any such program give consideration to the following factors:

- (1) Demonstrated and documented knowledge and competence of additions and/or revisions to the latest edition of the standards.
- (2) Documented training and education (including online) related to the standards since the last certification.
- (3) Documented experience in the field (ie. emergency operational experience for Fire Fighters, Fire Officers, Instructors, etc.).
- (4) Demonstrated and documented successful performance of duties, which may include skills assessment.
- (5) Annual performance appraisals.
- (6) Documented teaching and instruction related to the field.
- (7) Commendations, award and/or recognition for the performance of related duties.

Other items for consideration may include:

- (1) Memberships in professional organizations, including any positions held or special activities involved in the organization membership.
- (2) Published articles in trade journals, web-based publications, and other information distribution avenues.
- (3) Research and development activities related to the field.
- (4) Documented attendance at relevant conferences and training events.

The above list is not all inclusive and other factors specific to the field be considered for inclusion.

Statement of Problem and Substantiation for Public Input

This new section is added as a PI in order to achieve consistency of the topic in all NFPA Professional Qualifications documents.

The subject of a certified individual maintaining continuing professional development and competency with the requirements of an NFPA Professional Qualifications standard has been discussed for a number of years. A request was submitted to the NFPA Foundation by the Correlating Committee on Professional Qualifications to look at this specific issue and to develop recommendations for implantation in the NFPA Professional Qualifications project.

As a result of that request, recommendations for maintaining proficiency and competency with all JPR's contained in an NFPA Professional qualifications standard were made by the NFPA Research Foundation as part of a recently published report entitled, Fire and Emergency Service Personnel Knowledge and Skills Proficiency (hereinafter referred to as "the Report"). Various representatives of the fire service were invited to attend a meeting that the NFPA held in October of 2019 to discuss the Report. The Report notes that in parallel professions like EMS, licensure renewal is common practice. The participants at the meeting recognized the importance of continuing education in ensuring that persons who are certified to an NFPA Professional qualifications standard are prepared to carry out their duties as safely and effectively as possible.

An Ad Hoc Committee of participants in the NFPA Workshop submitted a written recommendation to the Correlating Committee on Professional Qualifications to continue to pursue additional work in the NFPA Professional Qualifications standards relating to maintaining proficiency and competency for continuing professional development activities in each of the individual standards. The Correlating Committee on Professional Qualifications agreed that specifically Each Pro-Qual Committee should include a recommendation for continuing education and training requirements when their standard is revised in their next cycle. The material developed by each Technical Committee should be included in the Annex material. This action would provide a consistent path for certified individuals who wish to demonstrate that they have "remained current" as identified by the technical experts of each individual professional qualification standard.

The Correlating Committee thoroughly discussed the continuing proficiency and competency proposal in June of 2020 and identified a Task Group to develop a recommended template for each NFPA Professional qualifications Technical Committee to follow in the development of their next revision. The Task Group reported back to the Correlating Committee in September of 2020 with the results of their work on the assigned topic. The Correlating Committee, in September of 2020, received the recommendation from the Correlating Committee Task Group, thoroughly discussed their work, and accepted their recommendation to move forward to direct each Technical Committee to develop specific criteria, to be included in each NFPA Professional Qualifications standard, with clear guidance to states and AHJ's on how to implement continuing education, while maintaining as much flexibility as possible by those jurisdictions.

The submitted Public Input embraces the concept for the need of continuing education by all individuals certified to the requirements of each NFPA Professional Qualifications Standard, and of the NFPA 1000 Technical Committee that has previously reviewed this subject matter and recommended that this topic is best driven by requirements from the individual technical committee and any coordination of requirements for recertification, maintaining competency (or similar language) would fall under the Correlating Committee's direction to each of the Technical Committees. The Correlating Committee on Professional qualifications has therefore directed each Professional Qualifications Technical committee to have continued professional development and competency addressed in each of their assigned professional qualification standards.

The following is a hypothetical example of continuing education or demonstrated competency considerations for the Fire Officer I. Technical Committees and AHJ's are encouraged to exercise maximum flexibility in providing opportunities for certified personnel to demonstrate competence through actual experience since the last certification and/or education and training related to the standard.

Demonstrated and documented knowledge and competence of additions and/or revisions to the latest edition of the standards. Documented successful experience in Human Resource Management, Community and Government Relations, Administration, Inspection and Investigation, Emergency

Service Delivery, and Health and Safety as appropriate to cover additions/revisions to the standard since the previous standard edition.

Documented training and education (including online) related to the standards since the last certification. Documented evidence of education or training in Human Resource Management, Community and Government Relations, Administration, Inspection and Investigation, Emergency Service Delivery, and Health and Safety.

Documented experience in the field (ie. emergency operational experience for Fire Fighters, Fire Officers, Instructors, etc.). Documentation of service, either in the role of a Fire Officer I (first line supervisor), or in an acting role.

Demonstrated and documented successful performance of duties, which may include skills assessment. Evaluation of serving in the role of a Fire Officer I (both non-emergency and emergency operations).

Annual performance appraisals. Converting performance appraisals into actionable goals and objectives for improvement as a Fire Officer I.

Documented teaching and instruction related to the field. Teaching at the local, regional, state, or national level in the area of fire officer development.

Commendations, award and/or recognition for the performance of related duties. Commendations, awards, and/or recognition of the performance of the duties of a Fire Officer I (first line supervisor).

Other items for consideration may include:

Memberships in professional organizations, including any positions held or special activities involved in the organization membership. Membership in, or holding a position within, a regional, state, or local professional organization that promotes the role of the Fire Officer I (first line supervisor).

Published articles in trade journals, web-based publications, and other information distribution avenues. Publication of any articles related to the duties and responsibilities of a Fire Officer I (first line supervisor).

Research and development activities related to the field.

Documented research and development of any practice related to the duties or responsibilities of a Fire Officer I (first line supervisor).

Documented attendance at relevant conferences and training events. Attendance at any regional, state, or national conference or training event aimed at improving a Fire Officer I (first line supervisor).

Submitter Information Verification

Submitter Full Name: William Peterson

Organization: [Not Specified]

Affiliation: NFPA Correlating Committee on Professional Qualifications

Street Address:

City:

State:

Zip:

Submittal Date: Mon Nov 02 12:06:23 EST 2020

Committee: PQU-FIS

Committee Statement

Resolution: [FR-1-NFPA 1030-2020](#)

Statement: The technical committee performed a task analysis of the positions of fire inspector and plan examiner and concluded there was little value in maintaining the 3 levels of fire inspector and 2 levels of plan examiner. The committee consider public input in developing a basic level of fire inspector to perform inspections (company level) by individuals not normally assigned to a dedicated fire inspection function in their organization. The position of First Responder Inspector represents this basic level of inspector and can be someone not associated with the fire service.

Additionally, the committee determined that plan reading can happen with each of the positions of first responder inspector, fire inspector, or fire plans examiner.

The committee also determined the current wording for the "format" of plans is appropriate and actually allows for technological advances with design submittals.



Public Input No. 23-NFPA 1030-2020 [New Section after 6.1.3.4]

6.1.3.5 The authority having jurisdiction shall conduct a thorough background and character investigation prior to accepting an individual as a candidate for certification as a fire inspector or plans examiner.

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._10_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

This language is similar to section 1.3.3 in NFPA 1033. For the same reasons this is in NFPA 1033, it needs to be in NFPA 1031. Fire inspectors and plans examiners are entrusted with the public's trust. Ensuring individuals that perform in these positions meet minimum ethical standards is reasonable. Fire inspectors/plans examiners have significant opportunities to abuse their positions due to their police powers and access to properties that is beyond what is provided to the general public. Therefore, basic background check criteria must occur for these position to ensure the public trust is protected.

Submitter Information Verification

Submitter Full Name: Anthony Apfelbeck
Organization: Altamonte Springs Building/Fir
Street Address:
City:
State:
Zip:
Submittal Date: Tue Sep 15 10:48:25 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: The committee determined the background investigation and character trait assessment should be left to the AHJ at a time they determine. The document is used to establish professional qualification, not if a person will or will not be employed.



Public Input No. 25-NFPA 1030-2020 [New Section after 6.1.3.4]

6.1.3.5 The fire inspector and plans examiner at all levels shall be at least age 18.

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._8_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

This language is similar to the language contained in NFPA 1033 section 1.3.1. For the same reason this is contained in NFPA 1033, it should be contained in NFPA 1031. A Fire Inspector or Plans Examiner is provided with police powers to enforce the code and potentially take away a person's rights. The person enforcing the codes should be 18 years of age and have legal status as an adult. It is inappropriate for an individual that is not a legal adult to be enforcing the code. The 18 year age limit also ensures that the individual has some level of maturity.

Submitter Information Verification

Submitter Full Name: Anthony Apfelbeck
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Street Address:
City:
State:
Zip:
Submittal Date: Tue Sep 15 11:02:56 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: The committee determined that the AHJ can establish the age for employment or when to utilize a person for a first responder inspector, inspector, or fire plans examiner.



Public Input No. 26-NFPA 1030-2020 [New Section after 6.1.3.4]

6.1.3.5 The fire inspector and plans examiner at all levels shall have a high school diploma or equivalent.

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._9_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

This language is similar to section 1.3.2 in NFPA 1033 which also requires a high school diploma or equivalent.

The fire inspector and plans examiner should be treated in a similar manner. The reading comprehension, writing, verbal communication and basic math skills an individual receives in high school are imperative to performing the JPRs of a fire inspector or plans examiner.

Arguably, an AA/AS degree should probably be required as an entry level for all 1031 positions.

However, education language has not been previously addressed in NFPA 1031 so starting with a high school diploma is probably a reasonable starting position.

As further justification as to the need for minimum education standards within NFPA 1031, the example job

descriptions provided in Annex C contain minimum education requirements based on the NFPA 1031 progression

levels. Since these minimum education levels were included in the sample job descriptions, it appears the TC has

already recognized the need for minimum education levels. If the TC wishes to modify this PI to match the

education levels specified in the Annex C job descriptions, the proponent of this PI would support that approach.

In addition, a survey has been provided to NFPA as part of this PI that was taken of Florida Inspectors/Plans

Examiners and Fire Marshals that shows their opinions as to what the minimum education level should be for Fire Inspector/Plan Examiner. Based on the responses to the survey being split 50%/50%

between a high school diploma and an associates degree, it appears it might be appropriate to vary the education requirement by level. Example: A Fire Inspector I/II and Plans Examiner I should have a

high school diploma as a minimum and a Fire Inspector III/Plans Examiner II should have an associates degree as a minimum. If the TC wishes to address the education requirements for Fire

Inspector I/II and Plans Examiner I as at the level of a high school diploma and for Fire Inspector III and Plans Examiner II at an Associates of Science or Arts Degree, the proponent would support that

alternative.

Submitter Information Verification

Submitter Full Name: Anthony Apfelbeck

Organization: Altamonte Springs Building/Fir

Street Address:

City:

State:

Zip:

Submittal Date: Tue Sep 15 11:05:20 EDT 2020

Committee: PQU-FIS

Committee Statement

Resolution: The committee determined the educational level should be left to the AHJ, not to professionally qualify a person.



Public Input No. 24-NFPA 1030-2020 [Section No. 6.1.3.4]

6.1.3.4*

Evaluation of job performance requirements shall be by individuals approved by the authority having jurisdiction.

6.1.3.4.1 Documentation of each level of competency to the job performance requirements shall be demonstrated by the fire inspector and plans examiner achieving certification through a certifying entity that has achieved accreditation with an accrediting body.

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._12_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

Credibility and accountability with respect to demonstrating competence to each level of qualification is key to ensuring fire inspectors and plans examiners actually achieve the levels of competence as provided in this standard. This credibility and accountability can best be assured by the fire inspector achieving certification through an accredited program. This ensures that individuals and programs are assessed and validated so there is confidence that the individuals receiving certification are actually competent in those areas. The fire service already has numerous accrediting bodies and certification programs that are accredited to the NFPA 1031 standard.

Related Public Inputs for This Document

<u>Related Input</u>	<u>Relationship</u>
<u>Public Input No. 36-NFPA 1030-2020 [New Section after 3.2.1]</u>	

Submitter Information Verification

Submitter Full Name: Anthony Apfelbeck
Organization: Altamonte Springs Building/Fir
Street Address:
City:
State:
Zip:
Submittal Date: Tue Sep 15 10:57:07 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: The committee determined the requirement for formal certification should be determined by the AHJ.



Public Input No. 27-NFPA 1030-2020 [Section No. 6.1.3.5]

6.1.3.5

~~A person~~ Prior to being qualified or assigned the duties of as a Fire Inspector I, a person shall meet all of the requirements defined in Chapter 6- ~~prior to being qualified as a Fire Inspector I~~ .

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._33-_1031.pdf	

Statement of Problem and Substantiation for Public Input

The current wording in this section is confusing. Section 1.3.5 refers to a position of "Fire Inspector" as a position one would hold prior to becoming a Fire Inspector I under NFPA 1031. No position of "Fire Inspector" is defined in Chapter 3 nor referenced anywhere else in the standard. If the intent is to allow a person to hold a position of "Fire Inspector" prior to becoming a Fire Inspector I under NFPA 1031, what exact job functions could an individual with such a title perform under NFPA 1031? Obviously, that that is not the intent. It appears the language is intending to ensure that a person meets the requirements of Chapter 4 before performing the job functions of a Fire Inspector I. This PI clarifies this intent. The TC might want to view this PI in combination with PI 27 that addresses a somewhat similar issue. However, PI 27 does not fix the problem identified in this PI of a "Fire Inspector" position being created that does not exist in NFPA 1031.

Related Public Inputs for This Document

<u>Related Input</u>	<u>Relationship</u>
Public Input No. 28-NFPA 1030-2020 [Sections 6.1.3.5, 6.1.3.6, 6.1.3.7, 6.1.3.8, 6.1.3.9]	

Submitter Information Verification

Submitter Full Name: Anthony Apfelbeck
Organization: Altamonte Springs Building/Fir
Street Address:
City:
State:
Zip:
Submittal Date: Tue Sep 15 11:11:36 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: The committee determined the first revision created for section 6.1 addresses the submittal.



Public Input No. 28-NFPA 1030-2020 [Sections

6.1.3.5, 6.1.3.6, 6.1.3.7, 6.1.3.8, 6.1.3.9]

Sections 6.1.3.5, 6.1.3.6, 6.1.3.7, 6.1.3.8, 6.1.3.9

6.1.3.5

A person assigned the duties of Fire Inspector shall meet all of the requirements defined in Chapter 6 prior to being qualified as or assigned the duties of a Fire Inspector I.

6.1.3.6

A person assigned the duties of Fire Inspector I shall meet all of the requirements defined in Chapter 7 prior to being qualified as or assigned the duties of a Fire Inspector II.

6.1.3.7*

A person assigned the duties of Fire Inspector II shall meet all of the requirements defined in Chapter 8 prior to being qualified ~~as~~ as or assigned the duties of a Fire Inspector III.

6.1.3.8

A person assigned the duties of Plan Examiner shall meet all of the requirements defined in Chapter 9 prior to being qualified ~~as~~ as or assigned the duties of a Plan Examiner I.

6.1.3.9

A person assigned the duties of Plan Examiner I shall meet all of the requirements defined in Chapter 10 prior to being qualified ~~as~~ as or assigned the duties of a Plan Examiner II.

Additional Proposed Changes

File Name

Description Approved

PI_No._27_-_1031.pdf

Statement of Problem and Substantiation for Public Input

A fire inspector or plans examiner should be qualified to the particular level level of progression with applicable skills and knowledge that matches the JPRs that they are expected to perform. The current language appears to permit a person to be assigned the duties of a Fire Inspector I, II, III or Plan Examiner I, II without meeting the JPRs or the KSAs for each level. That is clearly not the intent. The addition of the language in this PI would assist in discouraging environments where a Fire Inspector I's are assigned tasks that they have not been trained to perform that actually are under the JPRs of a Fire Inspector II or III. A similar issue exists for Plans Examiners.

Related Public Inputs for This Document

Related Input

Relationship

Public Input No. 27-NFPA 1030-2020 [Section No. 6.1.3.5]

Submitter Information Verification

Submitter Full Name: Anthony Apfelbeck

Organization: Altamonte Springs Building/Fir

Street Address:

City:

State:

Zip:

Submittal Date: Tue Sep 15 11:29:26 EDT 2020

Committee: PQU-FIS

Committee Statement

Resolution: The committee determined the proposed changes to position titles and the first draft text address the concerns of the submittal.



Public Input No. 29-NFPA 1030-2020 [New Section after 6.1.3.13]

Insert the following and renumber the remaining:

6.1.3.14 The Fire Inspector and Plans Examiner at all levels shall ensure that observed code violations are

pursued to correction in a timely manner consistent with the jurisdiction's policies and procedures.

-

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._28_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

Follow-up to ensure correction of noted/observed code violations continues to be a challenge in many jurisdictions, as demonstrated by recent fire events. Ensuring that Fire Inspectors and Plans Examiners are expected to pursue violations to resolution in accordance with the jurisdiction's policies and procedures, as a core requirement in the standard, is a reasonable expectation of performance. Failing to conduct appropriate follow-up has significant implications from not only a life safety and property preservation standpoint but also from a liability standpoint. In addition, the public expectation is that when we observe/cite a code violation, that timely follow-up to ensure resolution will be conducted by the jurisdiction's fire inspectors and plans examiners.

Submitter Information Verification

Submitter Full Name: Anthony Apfelbeck
Organization: Altamonte Springs Building/Fir
Street Address:
City:
State:
Zip:
Submittal Date: Tue Sep 15 12:09:37 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: The committee determined the enforcement and resolution of violations should be left to the AHJ.



Public Input No. 30-NFPA 1030-2020 [New Section after 6.1.3.16]

6.1.3.17 The fire inspector and plans examiner shall maintain professional competency through professional development, continuing education, networking, engagement in code development activities and membership in professional organizations.

A.6.1.3.17 Technology, codes and practices are changing rapidly in the fire inspection and plans review field. It is essential for fire inspectors and plans examiners to remain current in order to continue to meet these JPRs and provide service to customers. This can be accomplished by attending professional development courses, engaging in code development activities, membership in code organizations and access to professional publications/journals.

6.1.3.17.1 The fire inspector and plans examiner shall complete a minimum of 40 hours of approved continuing education training every 3 years.

-

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._11_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

This PI is identical to PI 2 with the exception that this PI introduces new 1.3.17.1 text that requires the fire inspector and plans examiner to complete 40 continuing education hours every three year. The justification for this is similar to the justification PI 2. However, the added language ensure that individuals achieving the fire inspector and plans examiner level of competency shall maintain such competency by attending continuing education. While the proposed language in PI 2 provides some guidance, it is not as specific as it probably should be to ensure individuals actually attend CEU training and are held to a standard of continual professional development. Codes typically update every three years, therefore, a three year CEU cycle is appropriate to ensure an individual stays up to date with code changes and new technology. 40 hours of CEU every three years is also a very reasonable CEU expectation in order to maintain a minimum level of continuing education to stay up to date on advancements in the field and be refreshed on existing KSA provisions.

Related Public Inputs for This Document

<u>Related Input</u>	<u>Relationship</u>
Public Input No. 31-NFPA 1030-2020 [New Section after 6.1.3.16]	

Submitter Information Verification

Submitter Full Name: Anthony Apfelbeck
Organization: Altamonte Springs Building/Fir
Street Address:
City:
State:

Zip:

Submittal Date: Tue Sep 15 12:11:53 EDT 2020

Committee: PQU-FIS

Committee Statement

Resolution: The committee established a continuing education requirement with the submittal by the correlating committee for professional qualification. The committee determined the minimum CEU hours over a specific time period should be established by the AHJ.



Public Input No. 31-NFPA 1030-2020 [New Section after 6.1.3.16]

6.1.3.17 The fire inspector and plans examiner shall maintain professional competency through professional development, continuing education, networking, engagement in code development activities and membership in professional organizations.

A.6.1.3.17 Technology, codes and practices are changing rapidly in the fire inspection and plans review field. It is essential for fire inspectors and plans examiners to remain current in order to continue to meet these JPRs and provide service to customers. This can be accomplished by attending professional development courses, engaging in code development activities, membership in code organizations and access to professional publications/journals.

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._2_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

This language is similar to the language in section 1.3.7 of NFPA 1041 and section 1.3.9 of NFPA 1033. Continuing education, networking and professional membership participation are all minimum expectations of any fire inspector or plans examiner in order to maintain professional competence. The evolution of technology and code provisions mandate that fire inspectors and plans examiners be engaged in professional development activities in order to ensure their expertise does not become lacking over time.

Related Public Inputs for This Document

<u>Related Input</u>	<u>Relationship</u>
<u>Public Input No. 30-NFPA 1030-2020 [New Section after 6.1.3.16]</u>	

Submitter Information Verification

Submitter Full Name: Anthony Apfelbeck
Organization: Altamonte Springs Building/Fir
Street Address:
City:
State:
Zip:
Submittal Date: Tue Sep 15 14:05:52 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: The committee established a continuing education requirement with the submittal by the correlating committee for professional qualification.



Public Input No. 34-NFPA 1030-2020 [New Section after 6.1.3.16]

6.1.3.17 The fire inspector and plans examiner at all levels shall have a basic understanding of fireground operations and how such fireground operational functions interrelate to the JPRs of each level for fire inspector and plans examiner.

A.6.1.3.17 While a fire inspector and plan examiner do not need to meet the JPRs of NFPA 1001, Standard for Fire Fighter Professional Qualifications, the fire inspector and plans examiner should have a basic understanding of on-scene fire suppression operations and how the JPRs of each level relate to those fireground operational functions. There are numerous situations in the codes and standards that grant the fire inspector and plans examiner discretion as to how to apply the specific provisions of the codes and standards. In order to make those discretionary decisions, the fire inspector and plans examiner must have some basic understanding of fire department operations on a fireground. As an example, understanding how an FD will operate to supply a fire department connection will assist the plans examiner in determining the approvable locations of the FDC and proximate fire hydrant. A second example is in evaluating fire apparatus access roads. Determining what roads need to have a minimum turning radius and where fire apparatus will set

up is imperative to applying the code's intent. Other examples of codes and standards discretionary decisions that have a fireground operational component include fire hydrant

locations, standpipe operations, fire command center configurations, in-building radio communications systems, pre-incident planning and firefighter safety hazards.

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._32_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

The proposed annex text for this PI provides much of the justification. I will add that more and more traditional fire prevention bureau functions are being performed by civilians with no fireground operational experience. In addition, many of those civilian positions are not answering to organizational structures that are within a traditional fire department. Twenty or thirty years ago, the assumption that a fire inspector would have some fireground experience or at least be operating within a traditional fire department was probably valid. That assumption is no longer correct with more and more civilian fire inspectors and fire plans examiners not answering within a traditional fire department organizational structure. Therefore, the ability for a civilian fire inspector or fire plans examiner to absorb the basics of fireground operations by osmosis from their work environment is no longer valid either. As such, we now need to teach some of these basic fireground operational functions and require them as part of the basic skill set for fire inspectors and plans examiners.

Submitter Information Verification

Submitter Full Name: Anthony Apfelbeck
Organization: Altamonte Springs Building/Fir
Street Address:
City:
State:
Zip:
Submittal Date: Tue Sep 15 15:02:43 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: The committee determined that the basic knowledge of fireground operations should not be assigned in this section of the standard. If there is a need to incorporate this requirement in a JPR to be tested, the submitter propose a comment to the appropriate JPR or submit a JPR in the appropriate position.



Public Input No. 32-NFPA 1030-2020 [Section No. 6.1.3.16]

6.1.3.16 –

The fire inspector and plan examiner at all levels shall be able to read plans.

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._31_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

There is a discrepancy between 1.3.16 and the JPRs for Fire Inspector I, II and III. Section 1.3.16 states that "The fire inspector and plans examiner at all levels shall be able to read plans." However, the JPR for Fire Inspector I under section 4.4 states "There are no plan review job performance requirements for Fire Inspector I." This directly conflicts with section 1.3.16.

This issue is further complicated by section 5.4 for Fire Inspector II which states reading plans is a job function of Fire Inspector II and is specifically called out as a Requisite Skill in 5.4.1(B). So, the current language in the standard is inconsistent. Is a Fire Inspector I required to be able to read plans or not? If they are under 1.3.16, then what is the JPR difference between the generic language in 1.3.16 and the specific language in section 5.4?

This PI deletes the language in section 1.3.16 as the solution. This proponent does think that this is the correct solution to this issue as "reading plans" is an entire skill and knowledge set into itself and it does not appear that the current JPRs for Fire Inspector I are intended to require that skill. However, if the TC feels that the Fire Inspector I should be able have some skills at plan reading, then I would suggest still deleting 1.3.16 but then providing a new JPR, knowledge and skill detail in section 4.4 that is specific to the Fire Inspector I position.

Related Public Inputs for This Document

<u>Related Input</u>	<u>Relationship</u>
Public Input No. 33-NFPA 1030-2020 [Section No. 6.1.3.16]	

Submitter Information Verification

Submitter Full Name: Anthony Apfelbeck
Organization: Altamonte Springs Building/Fir
Street Address:
City:
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Zip:

Submittal Date: Tue Sep 15 14:52:42 EDT 2020

Committee: PQU-FIS

Committee Statement

Resolution: The committee identified the need to read and understand plans at the appropriate positions.



Public Input No. 33-NFPA 1030-2020 [Section No. 6.1.3.16]

6.1.3.16

The fire inspector and plan examiner at all levels shall be able to read plans in both paper and electronic format .

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._34_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

Electronic plan review submittals, RFI responses, details, responses to comments, electronic plans in the field and other electronic document correspondence are quickly becoming an option, if not the norm, in most jurisdictions. A fire inspector or a plans examiner must be able to open, view, navigate and understand electronic document submittals. By the time NFPA 1031 is published in 2021, electronic plan documents and electronic field documents will be the standard, rather than the exception. Competence in this area will be a must. The proponent of this PI also has a proposal to delete section 1.3.16 and move the content into the specific JPRs of Fire Inspector I, II, III and Plans Examiner I and II. (PI 31) If the concept of PI 31 is approved to correct the inconsistency between section 1.3.16 and the specific JPRs in the Fire Inspector and Plans Examiner levels, the issue of electronic plans review should be addressed in the applicable JPRs for each level of Fire Inspector I, II, III and Plans Examiner I and II.

Related Public Inputs for This Document

<u>Related Input</u>	<u>Relationship</u>
<u>Public Input No. 32-NFPA 1030-2020 [Section No. 6.1.3.16]</u>	

Submitter Information Verification

Submitter Full Name: Anthony Apfelbeck
Organization: Altamonte Springs Building/Fir
Street Address:
City:
State:
Zip:
Submittal Date: Tue Sep 15 14:57:43 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: [FR-1-NFPA 1030-2020](#)

Statement: The technical committee performed a task analysis of the positions of fire inspector and plan examiner and concluded there was little value in maintaining the 3 levels of fire inspector and 2 levels of plan examiner. The committee consider public input in developing a basic level of fire inspector to perform inspections (company level) by individuals not normally assigned to a dedicated fire inspection function in their organization. The position of First Responder Inspector represents this basic level of inspector and can be someone not associated with the fire service.

Additionally, the committee determined that plan reading can happen with each of the positions of first responder inspector, fire inspector, or fire plans examiner.

The committee also determined the current wording for the "format" of plans is appropriate and actually allows for technological advances with design submittals.



Public Input No. 47-NFPA 1030-2020 [Section No. 6.2]

6.2* General.

The Fire Inspector I shall meet the job performance requirements defined in Sections 6.2 through 6.5. In addition, the Fire Inspector I shall meet the requirements of Section 4.3- 2 of NFPA 472 1072 .

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._44_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

NFPA 472 is no longer being certified to by most organizations, making 1072 awareness chapters the prerequisite makes more sense.

Submitter Information Verification

Submitter Full Name: Benjamin Caffee
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Street Address:
City:
State:
Zip:
Submission Date: Tue Sep 29 15:57:09 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: [FR-2-NFPA 1030-2020](#)

Statement: Adjustments made to this section recognizing the new basic level of first responder inspector. Reference to NFPA 472 updated to NFPA 470. The first responder inspector should be able to recognize and identify hazardous materials. Two requirements separated into different sections per MOS.



Public Input No. 38-NFPA 1030-2020 [New Section after 6.3.1(B)]

5.3.13 Verify code compliance of Energy Storage Systems given field operations, so that the systems and other equipment are installed and maintained in accordance with the applicable codes and standards and deficiencies are identified, documented, and reported in accordance with the policies of the jurisdiction.

(A) Requestite Knowledge.

Types, installation, maintenance and use of energy stoarge system equipment; proper detection and suppression methods; battery management systems; and applicable codes and standards adopted by the jurisdiction.

(B) Requisite Skills.

The ability to observe, recognize problems, interpret codes and standards, and write reports.

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._26_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

Energy storage systems present a unique hazard that fire inspectors should be familiar with to ensure code compliance is achieved. The current generic language in NFPA 1031 addressing building "systems" is not adequate direction to standard users to ensure ESS systems are addressed in training as part of proqual. These systems are becoming much more prevalent and have a significant fire history. These installations are not limited to industrial applications but are now occurring in commercial, residential and mixed use facilities. Both NFPA 1 and the IFC have significant new provisions addressing ESS. While not included in this PI, the TC might want to consider also including PV systems as a component of this new language due to the unique training needs to inspect these systems.

Submitter Information Verification

Submitter Full Name: Anthony Apfelbeck
Organization: Altamonte Springs Building/Fir
Street Address:
City:
State:
Zip:
Submittal Date: Tue Sep 15 15:38:34 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: [FR-12-NFPA 1030-2020](#)

Statement: Field Inspection JPRs adjusted for the revised levels of fire inspector positions.



Public Input No. 37-NFPA 1030-2020 [New Section after 6.4.3]

6.4.3.17 Apply the discretionary authority granted in the codes, standards and jurisdictional requirements in a manner that considers and incorporates fire department fireground operations and firefighter safety.

(A) Requisite Knowledge

Basics of fire department fireground operations, strategy and tactics, apparatus placement on a fireground and water supply operations.

(B) Requisite Skills

The ability to apply the discretionary authority granted in the codes, standards and jurisdictional requirements in a manner that incorporates considerations for fire department operations.

A.6.4.3.17 While a fire inspector does not need to meet the JPR's of NFPA 1001 or NFPA 1021, the fire inspector that performs a regulatory role enforcing the fire code should have a basic

understanding of how a fire department operates on the fireground and what codes and standards issues impact firefighter safety.

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._45_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

Traditional fire prevention bureau functions are now being performed by civilians with no fireground operational experience. In many cases, enforcement of the fire code may be occurring by organizations that are not within a fire department. Twenty or thirty years ago, it was almost a given that the personnel enforcing the fire code would have some exposure to FD fireground operations, that is no longer the case. As such we now need to ensure candidates for Fire Inspector I have some understanding of the very basic principles of fireground operations in order to be able to effectively enforce the provisions of the fire code. Enforcement of the fire code is not always absolutely clear and the code provides significant discretionary authority to the fire inspector. The fire inspector must understand the basics of FD fireground operations in order to enforce the code in the proper context. This PI accomplishes that objective.

Submitter Information Verification

Submitter Full Name: Anthony Apfelbeck

Organization: Altamonte Springs Building/Fir
Street Address:
City:
State:
Zip:
Submission Date: Tue Sep 15 15:23:55 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: The committee identified some possible conflicts in using the word "discretionary" in a JPR. The communication between different divisions of an AHJ are covered in various other JPRs.



Public Input No. 54-NFPA 1030-2020 [Chapter 7]

Chapter 7 Fire Inspector II (NFPA 1031)

7.1* General.

The Fire Inspector II shall meet the job performance requirements defined in Chapter 6 and Sections 7.2 through 7.4.

7.2* Administration.

This duty involves conducting research, interpreting codes, implementing policy, testifying at legal proceedings, and creating forms and job aids, according to the following job performance requirements.

7.2.1

Process a permit application, given a specific request, so that the application is evaluated and a permit is issued or denied in accordance with the applicable codes, standards, policies, and procedures of the jurisdiction.

(A) Requisite Knowledge.

Permit application process and applicable codes, standards, policies, and procedures of the jurisdiction.

(B) Requisite Skills.

The application of the requisite knowledge.

7.2.2

Process a plan review application, given a specific request, so that the application is evaluated and processed in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Plan review application process, code requirements of the jurisdiction, and policies and procedures of the jurisdiction.

(B) Requisite Skills.

The ability to communicate orally and in writing on matters related to code requirements, policies, and procedures of the jurisdiction.

7.2.3*

Investigate complex complaints, given a reported situation or condition, so that complaint information is recorded, the investigation process is initiated, and the complaint is resolved in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Applicable codes and standards adopted by the jurisdiction and policies of the jurisdiction.

(B) Requisite Skills.

The ability to interpret codes and standards, recognize problems, and refer complaints to other agencies when required.

7.2.4*

Recommend modifications to the adopted codes and standards of the jurisdiction, given a fire safety issue, so that the proposed modifications address the problem, need, or deficiency.

(A) Requisite Knowledge.

State statutes or local ordinances establishing or empowering the agency to adopt, enforce, and revise codes and standards; the legal instruments establishing or adopting codes and standards; and the development and adoption process for fire and life safety legislation or regulations.

(B) Requisite Skills.

The ability to recognize problems, collect and develop potential solutions, and identify cost/risk benefits.

7.2.5*

Recommend policies and procedures for the delivery of inspection services, given management objectives, so that inspections are conducted in accordance with the policies of the jurisdiction and due process of the law is followed.

(A) Requisite Knowledge.

Policies and procedures of the jurisdiction related to code enforcement as well as sources of detailed and technical information relating to fire protection and life safety.

(B) Requisite Skills.

The ability to identify approved construction methods and materials related to fire safety, read and interpret construction plans and specifications, educate, conduct research, make decisions, recognize problems, and resolve conflicts.

7.3 Field Inspection.

This duty involves code enforcement inspections and analyses of new and existing structures and properties for construction, occupancy, fire protection, and exposures, according to the following job performance requirements.

7.3.1

Compute the maximum allowable occupant load of a multi-use building, given field observations or a description of its uses, so that the maximum allowable occupant load calculation is in accordance with applicable codes and standards.

(A) Requisite Knowledge.

How to calculate occupant loads for an occupancy and for building use; and code requirements, regulations, operational features, and fire hazards presented by various occupancies.

(B) Requisite Skills.

The ability to calculate occupant loads, identify occupancy factors related to various occupancy classifications, use measuring tools, read plans, and use a calculator.

7.3.2*

Identify the occupancy classifications of a mixed-use building, given a description of the uses, so that each area is classified in accordance with applicable codes and standards.

(A) Requisite Knowledge.

Occupancy classification, applicable codes and standards, operational features, and fire hazards presented by various occupancies.

(B) Requisite Skills.

The ability to interpret code requirements and recognize building uses that fall into each occupancy classification.

7.3.3*

Evaluate a building's area, height, occupancy classification, and construction type, given an approved set of plans and construction features, so that it is verified that the building is in accordance with applicable codes and standards.

(A) Requisite Knowledge.

Building construction with emphasis on fire-rated construction, evaluation of methods of construction and assemblies for fire rating, analysis of test results, and manufacturer's specifications.

(B) Requisite Skills.

The ability to identify characteristics of each type of building construction and occupancy classification.

7.3.4*

Evaluate fire protection systems and equipment provided for life safety and property protection, given field observations of the facility and documentation, the hazards protected, and the system specifications, so that the fire protection systems provided are approved for the occupancy or hazard being protected.

(A) Requisite Knowledge.

Applicable codes and standards for fire protection systems, basic physical science as it relates to fire behavior and fire suppression, implications and hazards associated with system operation, installation techniques and acceptance inspection, testing and reports of maintenance of completed installations, and use and function of various systems.

(B) Requisite Skills.

The ability to recognize problems, use codes and standards, and read reports, plans, and specifications.

7.3.5

Analyze the egress elements of a building or portion of a building, given observations made during a field inspection, so that means of egress elements are provided and located in accordance with applicable codes and standards and deficiencies are identified, documented, and reported in accordance with the policies of the jurisdiction.

(A) Requisite Knowledge.

Acceptable means of egress devices.

(B) Requisite Skills.

The ability to calculate egress requirements, read plans, and make decisions related to the adequacy of egress.

7.3.6*

Evaluate hazardous conditions involving equipment, processes, and operations, given field observations and documentation, so that the equipment, processes, or operations are installed in accordance with applicable codes and standards and deficiencies are identified, documented, and reported in accordance with the policies of the jurisdiction.

(A) Requisite Knowledge.

Applicable codes and standards, accepted fire protection practices, fire behavior, ignition sources, safe housekeeping practices, and additional reference materials related to protection of hazardous processes and code enforcement.

(B) Requisite Skills.

The ability to observe, communicate, interpret codes, recognize problems, and make decisions.

7.3.7*

Evaluate emergency planning and preparedness procedures, given existing or proposed plans and procedures and applicable codes and standards, so that compliance is determined.

(A) Requisite Knowledge.

Occupancy requirements for emergency evacuation plans, fire safety programs for crowd control, roles of agencies and individuals in implementation and development of emergency plans.

(B) Requisite Skills.

The ability to compare submitted plans and procedures with applicable codes and standards adopted by the jurisdiction.

7.3.8

Verify code compliance for storage, handling, and use of flammable and combustible liquids and gases, given field observations and inspection guidelines from the authority having jurisdiction, so that deficiencies are identified, documented, and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Flammable and combustible liquids properties and hazards, material safety data sheet, safe handling practices, applicable codes and standards, fire protection systems and equipment approved for the material, fire behavior, safety procedures, and storage compatibility.

(B) Requisite Skills.

The ability to identify typical fire hazards associated with processes or operations utilizing flammable and combustible liquids and to observe, communicate, interpret codes, recognize problems, and make decisions.

7.3.9

Evaluate code compliance for the storage, handling, and use of hazardous materials, given field observations, so that deficiencies are identified, documented, and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Hazardous materials properties and hazards, material safety data sheet, safe handling practices, applicable codes and standards, fire protection systems and equipment approved for the material, fire behavior, safety procedures, chemical reactions, and storage compatibility.

(B) Requisite Skills.

The ability to identify fire hazards associated with processes or operations utilizing hazardous materials and to observe, communicate, interpret codes, recognize problems, and make decisions.

7.3.10*

Determine fire growth potential in a building or space, given field observations or plans, so that the contents, interior finish, and construction elements are evaluated for compliance, and deficiencies are identified, documented, and corrected in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Basic fire behavior; flame spread and smoke development ratings of contents, interior finishes, building construction elements, decorations, decorative materials, and furnishings; and safe housekeeping practices.

(B) Requisite Skills.

The ability to observe, communicate, interpret codes and standards, recognize hazardous conditions, and make decisions.

7.3.11*

Verify compliance with construction documents, given a performance-based design, so that life safety systems and building services equipment are installed, inspected, and tested to perform as described in the engineering documents and the operations and maintenance manual that accompanies the design, so that deficiencies are identified, documented, and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Applicable codes and standards for installation and testing of fire protection systems, means of egress, and building services equipment.

(B) Requisite Skills.

The ability to witness and document tests of fire protection systems and building services equipment.

7.3.12*

Verify code compliance of heating, ventilation, air conditioning, and other building service equipment and operations, given field observations, so that the systems and other equipment are maintained in accordance with applicable codes and standards and deficiencies are identified, documented, and reported in accordance with the policies of the jurisdiction.

(A) Requisite Knowledge.

Types, installation, maintenance, and use of building service equipment; operation of smoke and heat vents; installation of kitchen cooking equipment (including hoods and ducts), laundry chutes, elevators, and escalators; and applicable codes and standards adopted by the jurisdiction.

(B) Requisite Skills.

The ability to observe, recognize problems, interpret codes and standards, and write reports.

7.4 Plans Review.

This duty involves field verification of shop drawings, plans, and construction documents to ensure that they meet the intent of applicable codes and standards for fire and life safety, according to the following job performance requirements.

7.4.1*

Classify the occupancy, given a set of plans, specifications, and a description of a building, so that the classification is made in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Occupancy classification, applicable codes and standards, regulations, operational features, and fire hazards presented by various occupancies.

(B) Requisite Skills.

The ability to read plans.

7.4.2*

Compute the maximum allowable occupant load, given a floor plan of a building or portion of the building, so that the calculated occupant load is in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

How to calculate occupant loads for an occupancy and building use, code requirements, regulations, operational features such as fixed seating, and fire hazards presented by various occupancies.

(B) Requisite Skills.

The ability to calculate accurate occupant loads, identify occupancy factors related to various occupancy classifications, use measuring tools, read plans, and use a calculator.

7.4.3*

Review the proposed installation of fire protection systems, given shop drawings and system specifications for a process or operation, so that the system is reviewed for code compliance and installed in accordance with the approved drawings, and deficiencies are identified, documented, and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Proper selection, distribution, location, and testing of portable fire extinguishers; methods used to evaluate the operational readiness of water supply systems used for fire protection; evaluation and testing of automatic sprinkler, water spray, and standpipe systems and fire pumps; evaluation and testing of fixed fire suppression systems; and evaluation and testing of automatic fire detection and alarm systems and devices.

(B) Requisite Skills.

The ability to read basic floor plans or shop drawings and identify symbols used by the jurisdiction.

7.4.4

Review the installation of fire protection systems, given an installed system, shop drawings, and system specifications for a process or operation, so that the system is reviewed for code compliance and installed in accordance with the approved drawings, and deficiencies are identified, documented, and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Proper selection, distribution, location, and testing of portable fire extinguishers; methods used to evaluate the operational readiness of water supply systems used for fire protection; evaluation and testing of automatic sprinkler, water spray, and standpipe systems and fire pumps; evaluation and testing of fixed fire suppression systems; and evaluation and testing of automatic fire detection and alarm systems and devices.

(B) Requisite Skills.

The ability to read basic floor plans or shop drawings.

7.4.5

Verify that means of egress elements are provided, given a floor plan of a building or portion of a building, so that all elements are identified and checked against applicable codes and standards and deficiencies are discovered and communicated in accordance with the policies of the jurisdiction.

(A) Requisite Knowledge.

Applicable codes and standards adopted by the jurisdiction, the identification of standard symbols used in plans, and field verification practices.

(B) Requisite Skills.

The ability to read plans and research codes and standards.

7.4.6*

Verify the construction type of a building or portion thereof, given a set of approved plans and specifications, so that the construction type complies with the approved plans and applicable codes and standards.

(A) Requisite Knowledge.

Building construction with emphasis on fire-rated construction, evaluation of methods of construction and assemblies for fire rating, analysis of test results, and manufacturer's specifications.

(B) Requisite Skills.

The ability to identify characteristics of each type of building construction.

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._40_-_1031.pdf	
1031-2020_Chapter_5_- Fire_Inspector_JCJ_review.1535739333147.docx	

Statement of Problem and Substantiation for Public Input

The Technical Committee met on March 23-24, 2018, and drafted proposed comprehensive changes to NFPA 1031. This public input represents a complete revision to the JPRs for Fire Inspector due to the reduction of the Pro Qual document from three levels of Fire Inspector to one single level.

Submitter Information Verification

Submitter Full Name: Peter Mulvihill
Organization: [Not Specified]
Street Address:
City:
State:
Zip:
Submittal Date: Fri Oct 16 11:47:38 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: [FR-8-NFPA 1030-2020](#)
Statement: General section for Fire Inspector modified to reflect the revised positions for inspection personnel.



Public Input No. 60-NFPA 1030-2020 [Section No. 7.2.1(B)]

(B) Requisite Skills.

The application of the requisite knowledge ability to apply the applicable codes, standards, policies, and procedures of the jurisdiction to the Permit Application process .

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._5_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

Clarifies the requisite knowledge requirement

Submitter Information Verification

Submitter Full Name: Tom Carano
Organization: [Not Specified]
Street Address:
City:
State:
Zip:
Submission Date: Fri Oct 16 12:25:33 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: FR-10-NFPA 1030-2020

Statement: Administrative duties from the three previous levels of fire inspector reviewed consolidated to align with the revised proposed positions for fire inspector.



Public Input No. 48-NFPA 1030-2020 [Section No. 7.2.4 [Excluding any Sub-Sections]]

Recommend modifications to the adopted codes and standards of the jurisdiction, given a fire or life safety issue, so that the proposed modifications address the problem, need, or deficiency.

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._22_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

The inspector should be able to address life safety issues in addition to fire safety issues.

Submitter Information Verification

Submitter Full Name: Gary Gallo
Organization: [Not Specified]
Street Address:
City:
State:
Zip:
Submission Date: Wed Sep 30 13:52:27 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: FR-10-NFPA 1030-2020
Statement: Administrative duties from the three previous levels of fire inspector reviewed consolidated to align with the revised proposed positions for fire inspector.



Public Input No. 73-NFPA 1030-2020 [Section No. 7.4]

Delete and Relocate to Plans Examiner I - Delete duplicate requisite knowledge and skills in Plan Examiner I

7.4 Plans Review.

This duty involves field verification of shop drawings, plans, and construction documents to ensure that they meet the intent of applicable codes and standards for fire and life safety, according to the following job performance requirements.

7.4.1*

Classify the occupancy, given a set of plans, specifications, and a description of a building, so that the classification is made in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Occupancy classification, applicable codes and standards, regulations, operational features, and fire hazards presented by various occupancies.

(B) Requisite Skills.

The ability to read plans.

7.4.2*

Compute the maximum allowable occupant load, given a floor plan of a building or portion of the building, so that the calculated occupant load is in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

How to calculate occupant loads for an occupancy and building use, code requirements, regulations, operational features such as fixed seating, and fire hazards presented by various occupancies.

(B) Requisite Skills.

The ability to calculate accurate occupant loads, identify occupancy factors related to various occupancy classifications, use measuring tools, read plans, and use a calculator.

7.4.3*

Review the proposed installation of fire protection systems, given shop drawings and system specifications for a process or operation, so that the system is reviewed for code compliance and installed in accordance with the approved drawings, and deficiencies are identified, documented, and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Proper selection, distribution, location, and testing of portable fire extinguishers; methods used to evaluate the operational readiness of water supply systems used for fire protection; evaluation and testing of automatic sprinkler, water spray, and standpipe systems and fire pumps; evaluation and testing of fixed fire suppression systems; and evaluation and testing of automatic fire detection and alarm systems and devices.

(B) Requisite Skills.

The ability to read basic floor plans or shop drawings and identify symbols used by the jurisdiction.

7.4.4

Review the installation of fire protection systems, given an installed system, shop drawings, and system specifications for a process or operation, so that the system is reviewed for code compliance and installed in accordance with the approved drawings, and deficiencies are identified, documented, and reported in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

Proper selection, distribution, location, and testing of portable fire extinguishers; methods used to evaluate the operational readiness of water supply systems used for fire protection; evaluation and testing of automatic sprinkler, water spray, and standpipe systems and fire pumps; evaluation and testing of fixed fire suppression systems; and evaluation and testing of automatic fire detection and alarm systems and devices.

(B) Requisite Skills.

The ability to read basic floor plans or shop drawings.

7.4.5

Verify that means of egress elements are provided, given a floor plan of a building or portion of a building, so that all elements are identified and checked against applicable codes and standards and deficiencies are discovered and communicated in accordance with the policies of the jurisdiction.

(A) Requisite Knowledge.

Applicable codes and standards adopted by the jurisdiction, the identification of standard symbols used in plans, and field verification practices.

(B) Requisite Skills.

The ability to read plans and research codes and standards.

7.4.6*

Verify the construction type of a building or portion thereof, given a set of approved plans and specifications, so that the construction type complies with the approved plans and applicable codes and standards.

(A) Requisite Knowledge.

Building construction with emphasis on fire-rated construction, evaluation of methods of construction and assemblies for fire rating, analysis of test results, and manufacturer's specifications.

(B) Requisite Skills.

The ability to identify characteristics of each type of building construction.

Delete entire Plan Review Section and relocate to Plan Examiner I, delete duplicate requisite knowledge and skills.

Statement of Problem and Substantiation for Public Input

Inspectors conducting plan review is a plan exam. The requisite knowledge and skills need to follow the professional development path for those assigned to do plans exams.

Under Inspector I, you must be able to read plans to facilitate a comparison of reviewed plans to installed systems.

Under Inspector II, you must be able to conduct a plan review but it is not called what it is. A plan exam.

This change will consolidate all the plan examiner (review) elements under Plan Examiner I and allow the AHJ to decide the level of knowledge and skills needed at the inspector level.

Submitter Information Verification

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Submittal Date: Tue Oct 27 12:49:25 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: The committee determined that plans review and understanding are a part of field inspection.



Public Input No. 74-NFPA 1030-2020 [Section No. 8.2.8]

DELETE and Relocate to Fire Marshal Requisite Knowledge 8.2.8*

Recommend a program budget, given organizational goals and needs, budget guidelines, and organizational needs, so that overall program needs are addressed.

(A) Requisite Knowledge.

Budget procedures of the jurisdiction, revenue sources, and funding mechanisms.

(B) Requisite Skills.

The ability to recognize problems, measure cost/benefit, and identify additional resources.

Delete and relocate to Fire Marshal Requisite Knowledge and Skills.

Statement of Problem and Substantiation for Public Input

This requirement falls into management of fire prevention organizations and not a responsibility for a fire inspector. Very lengthy to instruct and teach since there are no other requisite knowledge regarding these management responsibilities to build on without further instruction on budgets, fiscal responsibilities or cost/benefit analysis.

Submitter Information Verification

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Submittal Date: Tue Oct 27 12:58:21 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: The committee determined that the fire and inspector contributes to the budgetary process and should have a JPR task identifying that.



Public Input No. 56-NFPA 1030-2020 [Chapter 9]

Chapter 9 Plan Examiner I (NFPA 1031)

9.1 General.

The Plan Examiner I shall meet the job performance requirements defined in Sections 9.2 and 9.3.

9.2* Administration.

This duty involves the review of plans, preparation of correspondence and plan review reports, communication with fire inspectors and emergency response personnel, handling of complaints, maintenance of records, participation in legal proceedings, identification of when additional expertise is required, and familiarity with procedures used by the jurisdiction to evaluate alternative methods, according to the following job performance requirements.

9.2.1

Prepare reports, given observations from a plan review, so that the report is clear and concise, and reflects the findings of the plan review in accordance with applicable codes and standards and the policies and procedures of the jurisdiction.

(A) Requisite Knowledge.

Codes and standards, legal requirements for plan review reports, and accepted practices, policies, and procedures of the jurisdiction.

(B) Requisite Skills.

The ability to conduct code-related research and write reports.

9.2.2*

Facilitate the resolution of deficiencies identified during the plan review, given a submittal and the established policies and procedures of the jurisdiction, so that deficiencies are identified, documented, and reported to the plan submitter with applicable references to codes and standards.

(A) Requisite Knowledge.

Policies and procedures of the jurisdiction regarding the communication of discrepancies, the appeals process, and codes and standards.

(B) Requisite Skills.

The ability to communicate orally and in writing.

9.2.3

Process plan review documents, given a set of plans and specifications, so that required permits are issued in accordance with the policies of the jurisdiction.

(A) Requisite Knowledge.

Plan review policies and procedures of the jurisdiction.

(B) Requisite Skills.

The ability to review applications for completeness.

9.2.4*

Determine the applicable code or standard, given a fire protection issue, so that the proper document, edition, and section are referenced.

(A) Requisite Knowledge.

Applicable codes and standards adopted by the jurisdiction, format of codes and standards, interrelationship of codes and standards, and procedures adopted by the organizations responsible for promulgating these documents.

(B) Requisite Skills.

The ability to conduct code-related research, apply codes and standards, and make decisions.

9.3 Plans Review.

This duty involves the review and approval of plans for life and fire issues including interior finish, occupancy type, height and area limitations, construction type, and general fire safety and the identification of the requirements for fire protection systems and permits, to ensure that the plans meet the intent of applicable codes and standards for fire and life safety, according to the following job requirements.

9.3.1

Identify the requirements for fire protection or a life safety system, given a set of plans, so that deficiencies are identified, documented, and reported in accordance with the policies and procedures of the jurisdiction.

(A) Requisite Knowledge.

Applicable code requirements for life safety systems, interior finish, and third-party testing and evaluation.

(B) Requisite Skills.

The ability to read basic floor plans or shop drawings and identify symbols used and apply codes and standards.

9.3.2

Verify the occupancy classification, given a set of plans, specifications, and a description of a building and its intended use, so that the classification is made in accordance with the applicable codes and standards and the policies of the jurisdiction.

(A) Requisite Knowledge.

How to calculate occupant loads for an occupancy and for building use, and code requirements, regulations, operational features, and fire hazards presented by various occupancies.

(B) Requisite Skills.

The ability to calculate occupant loads, identify occupancy factors related to various occupancy types, and use measuring tools.

9.3.3

Verify the construction type, given a set of plans, including the occupancy classification area, height, number of stories, and location, so that the building is in accordance with applicable codes and standards and deficiencies are identified, documented, and reported.

(A) Requisite Knowledge.

Types of construction, fire-rated construction components, typical building construction methods and materials, and code requirements related to construction types.

(B) Requisite Skills.

The ability to read plans, determine construction types, and conduct code-related research.

9.3.4

Verify the occupant load, given a set of plans, so that the maximum allowable occupant load is in accordance with applicable codes and standards.

(A) Requisite Knowledge.

How to calculate occupant loads for an occupancy and for building use, and code requirements, regulations, operational features, and fire hazards presented by various occupancies.

(B) Requisite Skills.

The ability to calculate occupant loads, identify occupancy factors related to various occupancy types, and use measuring tools.

9.3.5*

Verify that required egress is provided, given a set of plans and an occupant load, so that all required egress elements are provided and deficiencies are identified, documented, and reported in accordance with the policies of the jurisdiction.

(A) Requisite Knowledge.

Applicable code requirements for means of egress elements, occupancy egress requirements, and the relationship of fixed fire protection systems to egress requirements.

(B) Requisite Skills.

The ability to determine egress requirements based on occupant load and research codes.

9.3.6

Evaluate code compliance for required fire flow and hydrant location and spacing, given a plan, codes and standards, and fire flow test results, so that hydrants are correctly located, required fire flow is determined, and deficiencies are identified, documented, and reported in accordance with the policies and procedures of the jurisdiction.

(A) Requisite Knowledge.

Standard civil engineering symbols; types of water supply and distribution systems; water distribution system test methods; characteristics of public and private water supply systems, water meters, backflow prevention, and other devices that can impact on fire flow; the effects of friction loss and elevation on water flow; potential impact of state health regulations on fire flow; and the applicable codes and standards related to fire flow in the jurisdiction.

(B) Requisite Skills.

The ability to interpret fire flow test results, determine fire hydrant locations and spacing, and read fire flow graphs.

9.3.7

Evaluate emergency vehicle access, given a plan, so that emergency access is provided in accordance with applicable codes and standards and deficiencies are identified, documented, and reported in accordance with the policies of the jurisdiction.

(A) Requisite Knowledge.

Operating requirements for fire department apparatus, planning and zoning requirements, and emergency access requirements of applicable codes and standards.

(B) Requisite Skills.

The ability to interpret and use plan scale.

9.3.8

Recommend policies and procedures for the delivery of plan review services, given management objectives, so that plan reviews are conducted in accordance with the policies of the jurisdiction and due process of the law is followed.

(A) Requisite Knowledge.

Policies and procedures of the jurisdiction related to plan review and sources of detailed and technical information relating to fire protection and life safety.

(B) Requisite Skills.

The ability to identify construction methods and materials related to fire safety, read and interpret construction plans and specifications, communicate orally and in writing, educate, research, make decisions, recognize problems, and resolve conflicts.

9.3.9*

Participate in legal proceedings, given the findings of a plan review and consultation with legal counsel, so that testimony is accurate and the plan reviewer's demeanor is appropriate to the proceeding.

(A) Requisite Knowledge.

The legal requirements pertaining to evidence rules in the legal system and the types of legal proceedings.

(B) Requisite Skills.

Familiarity with courtroom demeanor, communication, and listening skills and the ability to differentiate facts from opinions.

9.3.10

Evaluate plans for the installation of fire protection and life safety systems, given a plan submittal, so that the fire protection systems, including pre-engineered systems, and equipment are reviewed and deficiencies are identified, documented, and reported in accordance with the policies and procedures of the jurisdiction.

(A) Requisite Knowledge.

Applicable codes and standards for fire protection systems, basic physical science as it relates to fire behavior and fire suppression, basic system design criteria, material listing requirements, material specifications, installation techniques, acceptance inspection/testing of completed installations, construction types and techniques, and classification of occupancies.

(B) Requisite Skills.

The ability to review specifications, read plans, classify occupancies, and apply standards.

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._41_-_1031.pdf	
1031-2020_Chapter_6_-_Plan_Examiner_PJM_review.1535739539784_1_.docx	

Statement of Problem and Substantiation for Public Input

The Technical Committee met on March 23-24, 2018, and drafted proposed comprehensive changes to NFPA 1031. This public input represents a complete rewrite by the committee producing a new chapter to replace Chapters 7 and 8 with a single level of Pro Qual JPRs for Plan Examiner.

Submitter Information Verification

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Submittal Date: Fri Oct 16 11:53:41 EDT 2020

Committee: PQU-FIS

Committee Statement

Resolution: [FR-17-NFPA 1030-2020](#)

Statement: The administrative duty and associated tasks for a fire plans examiner are a consolidation of the previous administrative duties of plan examiner I & II.



Public Input No. 49-NFPA 1030-2020 [Section No. A.7.3.11]

A.7.3.11

Performance-based design involves the evaluation of risk through a systematic process. See Rose, Flamberg, and Leverenz, *Guidance Document for Incorporating Risk Concepts into NFPA Codes and Standards*, for further information. [The SFPE Guide to Performance-Based Fire Protection](#) provides detailed information on how to conduct a performance-based design.

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._46_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

The SFPE Guide to Performance-Based Fire Protection (2007) provides detailed information on how to conduct a performance-based fire protection design that is required in section 5.3.11.

Submitter Information Verification

Submitter Full Name: Chris Jelenewicz
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Zip:
Submission Date: Thu Oct 15 15:14:30 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: [FR-12-NFPA 1030-2020](#)
Statement: Field Inspection JPRs adjusted for the revised levels of fire inspector positions.



Public Input No. 50-NFPA 1030-2020 [Section No. A.10.3.12]

A.10.3.12

When the preliminary design calls for a performance-based evaluation of the design, additional concepts should be addressed at this stage, including any local requirements for parameters and values not included in the code. Third party evaluation and recommendation can be utilized by the plan examiner when necessary to determine code intent. See Rose, Flamberg, and Leverenz, *Guidance Document for Incorporating Risk Concepts into NFPA Codes and Standards*, for further information. [The SFPE Guide to Performance-Based Fire Protection provides detailed information on how to conduct a performance-based fire protection design.](#)

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._47_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

The SFPE Guide to Performance-Based Fire Protection (2007) provides the information that is need to understand a performance-based design that is required in Section 8.3.12.

Submitter Information Verification

Submitter Full Name: Chris Jelenewicz
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Submittal Date: Thu Oct 15 15:23:43 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: [FR-18-NFPA 1030-2020](#)
Statement: The plan review tasks from the plan examiner levels I & II, along with some JPRs from the previous level III Fire Inspector are consolidated for the new Fire Plans Examiner position.



Public Input No. 39-NFPA 1030-2020 [Chapter D]

Annex D Sample Job Descriptions (NFPA 1031)

This annex is not a part of the requirements of this NFPA document but is included for informational purposes only.

D.1 Job Title: Fire Inspector I.

D.1.1 Basic Function.

The Fire Inspector I is responsible for inspecting public, commercial, and residential structures for compliance with applicable fire codes.

D.1.2 Principal Responsibilities.

The Fire Inspector I is responsible for the following:

- (1) Inspects public, commercial, and residential structures to ensure compliance with jurisdiction, state, and federal fire codes and ordinances
- (2) Conducts inspections of fire hazard complaints and underground storage tanks for compliance with jurisdiction, state, and federal regulations
- (3) Identifies corrective actions that must be made to bring properties into compliance with applicable fire codes, laws, regulations, and standards
- (4) Assists citizens and other agency personnel with code interpretations and information when requested, prepares written documents, and maintains files
- (5) Issues citations for fire code violations
- (6) Provides court testimony regarding fire code violations

D.1.3 Typical Decisions.

The incumbent determines if structures are in compliance with jurisdiction, state, and federal fire codes and ordinances. The incumbent establishes performance measures for subordinates and evaluates employee performance against those standards or measures.

D.1.4 Minimum Qualifications.

The Fire Inspector I should have the following minimum qualifications:

- (1) *Knowledge:* Position requires conducting fire safety programs and a working knowledge of methods of fire prevention, fire protection systems, and building construction.
- (2) *Skills:* Position requires effective oral and written communication skills. Must be able to make mathematical calculations.
- (3) *Education:* Associate's degree in Fire Protection, Fire Science, Public Administration or equivalent related field.
- (4) *Licenses/Certificates:* Driver's license and inspector certification.

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

D.2 Job Title: Fire Inspector II.

D.2.1 Basic Function.

The Fire Inspector II is responsible for inspecting public, commercial, and residential structures for compliance with applicable fire codes.

D.2.2 Principal Responsibilities.

The Fire Inspector II is responsible for the following:

- (1) Inspects and evaluates public, commercial, and residential structures to ensure compliance with jurisdiction, state, and federal fire codes and ordinances and reviews plans for compliance with fire codes
- (2) Conducts inspections of complex fire hazard complaints and underground storage tanks for compliance with jurisdiction, state, and federal regulations
- (3) Identifies corrective actions that must be made to bring properties into compliance with applicable fire codes, laws, regulations, and standards and recommends modifications to jurisdiction's fire codes
- (4) Assists citizens and other agency personnel with code interpretations and information when requested, prepares written documentation, creates forms and checklists addressing key inspection issues, and designs and maintains filing system for division
- (5) Issues citations for fire code violations and provides court testimony regarding fire code violations
- (6) Assists and instructs lower-level inspectors in code application, interpretation, and office procedures

D.2.3 Typical Decisions.

The incumbent determines if structures are in compliance with jurisdiction, state, and federal fire codes and ordinances. The incumbent establishes performance measures for subordinates and evaluates employee performance against those standards or measures. He or she also recommends modifications in the policies and procedures of the division.

D.2.4 Minimum Qualifications.

The Fire Inspector II should have the following minimum qualifications:

- (1) *Knowledge:* Position requires conducting fire safety programs and a working knowledge of methods of fire prevention, fire protection systems, and building construction.
- (2) *Skills:* Position requires effective oral and written communication skills. Must be able to make mathematical calculations.
- (3) *Education:* Bachelor's degree in Fire Protection, Fire Science, Public Administration or equivalent related field.
- (4) *Experience:* Four years of experience, including one year of lead responsibility in fire inspection and/or fire prevention.
- (5) *Licenses/Certificates:* Driver's license and inspector certification.

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

D.3 Job Title: Fire Inspector III.

D.3.1 Basic Function.

The Fire Inspector III is responsible for the fire prevention and fire inspection activities of the jurisdiction. The Fire Inspector III serves as a manager and directs all activities of the division and integrates the jurisdiction's goals into the day-to-day operation of the division.

D.3.2 Principal Responsibilities.

The Fire Inspector III is responsible for the following:

- (1) Directs the preparation and submittal of the division's budget and allocates its resources in accordance with policy to ensure maximum performance
- (2) Serves as the division's liaison with various jurisdiction, state, and federal government agencies, as well as local organizations and groups
- (3) Recommends and implements changes in division policy and operations to improve efficiency and effectiveness and prepares and recommends updates in codes and standards for the jurisdiction
- (4) Directly supervises all employees assigned to the division
- (5) Indirectly coordinates through an established chain of command all fire department services, programs, and activities relating to fire prevention
- (6) Establishes realistic and obtainable goals for subordinates through a team process and ensures successful obtainment of those goals through appropriate training and assigned accountability
- (7) Serves as a highly visible representative of the fire department and the fire service to the jurisdiction at large through involvement in various community organizations and events relating to fire prevention

D.3.3 Typical Decisions.

The incumbent is required to make decisions relating to employee selection and appointment, fire code development and interpretations, and divisional administrative matters.

D.3.4 Minimum Qualifications.

The Fire Inspector III should have the following minimum qualifications:

- (1) *Knowledge*: Position requires thorough knowledge of the principles, practices, and techniques of modern suppression systems and fire prevention practices and must also possess the ability to apply this knowledge to fire prevention laws and ordinances; principles of public administration with reference to code development, enforcement, and personnel administration; and principles of jurisdiction budget preparation and finance.
- (2) *Skills*: Position requires the ability to provide effective leadership and to plan and assign, directing the work of subordinates; plan, initiate, and carry out long-term programs in the division and relate the division's programs with other jurisdictional programs, goals, and objectives; speak and deal tactfully and effectively with the people with whom he or she comes in contact; fairly and effectively evaluate the performance of subordinates; communicate orally and in writing to analyze the concepts necessary for accomplishment of required written and oral records and reports; and exhibit an ability to positively represent the department and jurisdiction in the community at large.
- (3) *Education*: ~~Minimum of a bachelor's~~ Bachelor's degree (master's degree preferred) with ~~concentration~~ in Fire Science, Public Administration, or related fields, supplemented by specialized training sufficient to meet the qualifications for certification as a master fire inspector.
- (4) *Experience*: Ten years' experience as a full-time employee with a career department with a strong background in fire prevention and code enforcement; must also have demonstrated technical competence in the areas of fire suppression system design and development and code administration.
- (5) *Licenses/Certificates*: Driver's license and master inspector certification.

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

Note that the statements in (1) through (5) are intended to describe the general nature and level of work being performed and are not intended to be an exhaustive list of all responsibilities, duties, and skills that can be required.

D.4 Job Title: Plan Examiner I.

D.4.1 Basic Function.

The Plan Examiner I is responsible for examining building plans, fire protection system plans, and specifications for compliance with applicable fire codes and laws.

D.4.2 Principal Responsibilities.

The Plan Examiner I is responsible for the following:

- (1) Responds to fire code, law, and life safety inquiries from citizens
- (2) Reviews and evaluates routine building plans, site plans, and fire protection system plans in terms of fire code and building code life safety criteria
- (3) Receives and responds to requests for information and technical assistance from architects, engineers, and developers on design criteria for various occupancies and industrial processes
- (4) Attends meetings with architects, developers, and jurisdiction staff to discuss plan review requirements and procedures
- (5) Assists in preparation of variances and appeals before the Building Standards Commission

D.4.3 Typical Decisions.

The incumbent evaluates and approves fire protection system plan submittals and makes recommendations on alternate methods or materials when appropriate. The incumbent evaluates and makes recommendations on requests for variance to the fire codes and local laws pertaining to fire safety.

D.4.4 Minimum Qualifications.

The Plan Examiner I should have the following minimum qualifications:

- (1) *Knowledge:* Position requires a working knowledge of fire and building codes and laws; basic knowledge of the principles, techniques, and design of fixed fire suppression and detection systems; and the ability to read and interpret plans and blueprints.
- (2) *Skills:* Position requires effective oral and written communication skills.
- (3) *Education:* Associate's degree (bachelor's degree preferred) in Fire Protection- ~~Technology~~ , Fire Science, Public Administration or related field.
- (4) *Experience:* One year of experience in fire protection.
- (5) *Licenses/Certificates:* Driver's license, certification as an inspector within 12 months of hire date, and certification in fire alarms and automatic sprinklers within 18 months of hire date.

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

D.5 Job Title: Plan Examiner II.

D.5.1 Basic Function.

The Plan Examiner II is responsible for examining building plans, fire protection system plans, and specifications for compliance with applicable fire codes and laws.

D.5.2 Principal Responsibilities.

The Plan Examiner II is responsible for the following:

- (1) Responds to fire code, law, and life safety inquiries from citizens
- (2) Reviews and evaluates routine and detailed building plans, site plans, and fire protection system plans in terms of fire code and building code life safety criteria
- (3) Receives and responds to requests for information and technical assistance from architects, engineers, and developers on design criteria for various occupancies and industrial processes
- (4) Attends meetings with architects, developers, and jurisdiction staff to discuss plan review requirements and procedures
- (5) Assists in preparation of variances and appeals before the Building Standards Commission and prepares and authenticates the division's documents
- (6) Assists and instructs lower-level plan reviewers in code application, interpretation, and office procedures

D.5.3 Typical Decisions.

The incumbent evaluates and approves fire protection system plan submittals and makes recommendations on alternate methods or materials when appropriate. The incumbent evaluates and makes recommendations on requests for variance to the fire codes and local laws pertaining to fire safety.

D.5.4 Minimum Qualifications.

The Plan Examiner II should have the following minimum qualifications:

- (1) *Knowledge:* Position requires a working knowledge of fire and building codes and laws; basic knowledge of the principles, techniques, and design of fixed fire suppression and detection systems; the ability to read and interpret plans and blueprints; and the ability to establish performance measures for subordinates and evaluate employee performance against those standards or measures.
- (2) *Skills:* Position requires effective oral and written communication skills.
- (3) *Education:* Associate's degree (bachelor's degree preferred) in Fire Protection-Technology, Fire Science, Public Administration or related field.
- (4) *Experience:* One year of experience in fire protection.
- (5) *Licenses/Certificates:* Driver's license, certification as an inspector within 12 months of hire date, and certification in fire alarms and automatic sprinklers within 18 months of hire date.

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

Note that the statements in (1) through (5) are intended to describe the general nature and level of work being performed and are not intended to be an exhaustive list of all responsibilities, duties, and skills that can be required.

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._18_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

The current language within the education sections of the sample job descriptions for FI I, II, III and PE I and II is not consistent. Some sections specific Public Administration, some do not. Some section use the Fire Protection Technology, some do not. Some sections use the terms related field, some do not. This PI does not change the substance of the underlying requirements but intends to create consistency between the terms and language utilized in the education section for each of the levels. While the Annex C language is marked as "Sample Job Descriptions", the reality is that most individuals and jurisdictions utilizing this Annex will look to these as "Model Job Descriptions." Therefore, it is important to improve them as much as possible in order to make them correct and consistent.

Submitter Information Verification

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Submittal Date: Tue Sep 15 15:57:14 EDT 2020

Committee: PQU-FIS

Committee Statement

Resolution: [FR-53-NFPA 1030-2020](#)

Statement: Sample job descriptions modified to match reorganization of positions of fire inspector and fire plans examiner.



Public Input No. 40-NFPA 1030-2020 [Chapter D]

Annex D Sample Job Descriptions (NFPA 1031)

This annex is not a part of the requirements of this NFPA document but is included for informational purposes only.

D.1 Job Title: Fire Inspector I.

D.1.1 Basic Function.

The Fire Inspector I is responsible for inspecting public, commercial, and residential structures for compliance with applicable fire codes.

D.1.2 Principal Responsibilities.

The Fire Inspector I is responsible for the following:

- (1) Inspects public, commercial, and residential structures to ensure compliance with jurisdiction, state, and federal fire codes and ordinances
- (2) Conducts inspections of fire hazard complaints and underground storage tanks for compliance with jurisdiction, state, and federal regulations
- (3) Identifies corrective actions that must be made to bring properties into compliance with applicable fire codes, laws, regulations, and standards
- (4) Assists citizens and other agency personnel with code interpretations and information when requested, prepares written documents, and maintains files
- (5) Issues citations for fire code violations
- (6) Provides court testimony regarding fire code violations

D.1.3 Typical Decisions.

The incumbent determines if structures are in compliance with jurisdiction, state, and federal fire codes and ordinances. The incumbent establishes performance measures for subordinates and evaluates employee performance against those standards or measures.

D.1.4 Minimum Qualifications.

The Fire Inspector I should have the following minimum qualifications:

- (1) *Knowledge:* Position requires conducting fire safety programs and a working knowledge of methods of fire prevention, fire protection systems, and building construction.
- (2) *Skills:* Position requires effective oral and written communication skills. Must be able to make mathematical calculations.
- (3) *Education:* Associate's degree in Fire Science or equivalent.
- (4) *Licenses/Certificates:* Driver's license and ~~inspector certification~~ - certification to the fire inspector level I standard in compliance with NFPA 1031 .

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

D.2 Job Title: Fire Inspector II.

D.2.1 Basic Function.

The Fire Inspector II is responsible for inspecting public, commercial, and residential structures for compliance with applicable fire codes.

D.2.2 Principal Responsibilities.

The Fire Inspector II is responsible for the following:

- (1) Inspects and evaluates public, commercial, and residential structures to ensure compliance with jurisdiction, state, and federal fire codes and ordinances and reviews plans for compliance with fire codes
- (2) Conducts inspections of complex fire hazard complaints and underground storage tanks for compliance with jurisdiction, state, and federal regulations
- (3) Identifies corrective actions that must be made to bring properties into compliance with applicable fire codes, laws, regulations, and standards and recommends modifications to jurisdiction's fire codes
- (4) Assists citizens and other agency personnel with code interpretations and information when requested, prepares written documentation, creates forms and checklists addressing key inspection issues, and designs and maintains filing system for division
- (5) Issues citations for fire code violations and provides court testimony regarding fire code violations
- (6) Assists and instructs lower-level inspectors in code application, interpretation, and office procedures

D.2.3 Typical Decisions.

The incumbent determines if structures are in compliance with jurisdiction, state, and federal fire codes and ordinances. The incumbent establishes performance measures for subordinates and evaluates employee performance against those standards or measures. He or she also recommends modifications in the policies and procedures of the division.

D.2.4 Minimum Qualifications.

The Fire Inspector II should have the following minimum qualifications:

- (1) *Knowledge*: Position requires conducting fire safety programs and a working knowledge of methods of fire prevention, fire protection systems, and building construction.
- (2) *Skills*: Position requires effective oral and written communication skills. Must be able to make mathematical calculations.
- (3) *Education*: Bachelor's degree in Fire Protection, Fire Science, or equivalent.
- (4) *Experience*: Four years of experience, including one year of lead responsibility in fire inspection and/or fire prevention.
- (5) *Licenses/Certificates*: Driver's license and - inspector certification - certification to the fire inspector level II standard in compliance with NFPA 1031 .

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

D.3 Job Title: Fire Inspector III.

D.3.1 Basic Function.

The Fire Inspector III is responsible for the fire prevention and fire inspection activities of the jurisdiction. The Fire Inspector III serves as a manager and directs all activities of the division and integrates the jurisdiction's goals into the day-to-day operation of the division.

D.3.2 Principal Responsibilities.

The Fire Inspector III is responsible for the following:

- (1) Directs the preparation and submittal of the division's budget and allocates its resources in accordance with policy to ensure maximum performance
- (2) Serves as the division's liaison with various jurisdiction, state, and federal government agencies, as well as local organizations and groups
- (3) Recommends and implements changes in division policy and operations to improve efficiency and effectiveness and prepares and recommends updates in codes and standards for the jurisdiction
- (4) Directly supervises all employees assigned to the division
- (5) Indirectly coordinates through an established chain of command all fire department services, programs, and activities relating to fire prevention
- (6) Establishes realistic and obtainable goals for subordinates through a team process and ensures successful obtainment of those goals through appropriate training and assigned accountability
- (7) Serves as a highly visible representative of the fire department and the fire service to the jurisdiction at large through involvement in various community organizations and events relating to fire prevention

D.3.3 Typical Decisions.

The incumbent is required to make decisions relating to employee selection and appointment, fire code development and interpretations, and divisional administrative matters.

D.3.4 Minimum Qualifications.

The Fire Inspector III should have the following minimum qualifications:

- (1) *Knowledge*: Position requires thorough knowledge of the principles, practices, and techniques of modern suppression systems and fire prevention practices and must also possess the ability to apply this knowledge to fire prevention laws and ordinances; principles of public administration with reference to code development, enforcement, and personnel administration; and principles of jurisdiction budget preparation and finance.
- (2) *Skills*: Position requires the ability to provide effective leadership and to plan and assign, directing the work of subordinates; plan, initiate, and carry out long-term programs in the division and relate the division's programs with other jurisdictional programs, goals, and objectives; speak and deal tactfully and effectively with the people with whom he or she comes in contact; fairly and effectively evaluate the performance of subordinates; communicate orally and in writing to analyze the concepts necessary for accomplishment of required written and oral records and reports; and exhibit an ability to positively represent the department and jurisdiction in the community at large.
- (3) *Education*: Minimum of a bachelor's degree (master's degree preferred) with concentration in Fire Science, Public Administration, or related fields, supplemented by specialized training sufficient to meet the qualifications for certification as a master fire inspector.
- (4) *Experience*: Ten years' experience as a full-time employee with a career department with a strong background in fire prevention and code enforcement; must also have demonstrated technical competence in the areas of fire suppression system design and development and code administration.
- (5) *Licenses/Certificates*: Driver's license and - master inspector certification - certification to the fire inspector level III standard in compliance with NFPA 1031 .

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

Note that the statements in (1) through (5) are intended to describe the general nature and level of work being performed and are not intended to be an exhaustive list of all responsibilities, duties, and skills that can be required.

D.4 Job Title: Plan Examiner I.

D.4.1 Basic Function.

The Plan Examiner I is responsible for examining building plans, fire protection system plans, and specifications for compliance with applicable fire codes and laws.

D.4.2 Principal Responsibilities.

The Plan Examiner I is responsible for the following:

- (1) Responds to fire code, law, and life safety inquiries from citizens
- (2) Reviews and evaluates routine building plans, site plans, and fire protection system plans in terms of fire code and building code life safety criteria
- (3) Receives and responds to requests for information and technical assistance from architects, engineers, and developers on design criteria for various occupancies and industrial processes
- (4) Attends meetings with architects, developers, and jurisdiction staff to discuss plan review requirements and procedures
- (5) Assists in preparation of variances and appeals before the Building Standards Commission

D.4.3 Typical Decisions.

The incumbent evaluates and approves fire protection system plan submittals and makes recommendations on alternate methods or materials when appropriate. The incumbent evaluates and makes recommendations on requests for variance to the fire codes and local laws pertaining to fire safety.

D.4.4 Minimum Qualifications.

The Plan Examiner I should have the following minimum qualifications:

- (1) *Knowledge:* Position requires a working knowledge of fire and building codes and laws; basic knowledge of the principles, techniques, and design of fixed fire suppression and detection systems; and the ability to read and interpret plans and blueprints.
- (2) *Skills:* Position requires effective oral and written communication skills.
- (3) *Education:* Associate's degree (bachelor's degree preferred) in Fire Protection Technology or related field.
- (4) *Experience:* One year of experience in fire protection.
- (5) *Licenses/Certificates:* Driver's license, certification ~~as an inspector within 12 months of hire date, and certification in fire alarms and automatic sprinklers within 18 months of hire date~~ - to the plans examiner level I standard in compliance with NFPA 1031 .

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

D.5 Job Title: Plan Examiner II.

D.5.1 Basic Function.

The Plan Examiner II is responsible for examining building plans, fire protection system plans, and specifications for compliance with applicable fire codes and laws.

D.5.2 Principal Responsibilities.

The Plan Examiner II is responsible for the following:

- (1) Responds to fire code, law, and life safety inquiries from citizens
- (2) Reviews and evaluates routine and detailed building plans, site plans, and fire protection system plans in terms of fire code and building code life safety criteria
- (3) Receives and responds to requests for information and technical assistance from architects, engineers, and developers on design criteria for various occupancies and industrial processes
- (4) Attends meetings with architects, developers, and jurisdiction staff to discuss plan review requirements and procedures
- (5) Assists in preparation of variances and appeals before the Building Standards Commission and prepares and authenticates the division's documents
- (6) Assists and instructs lower-level plan reviewers in code application, interpretation, and office procedures

D.5.3 Typical Decisions.

The incumbent evaluates and approves fire protection system plan submittals and makes recommendations on alternate methods or materials when appropriate. The incumbent evaluates and makes recommendations on requests for variance to the fire codes and local laws pertaining to fire safety.

D.5.4 Minimum Qualifications.

The Plan Examiner II should have the following minimum qualifications:

- (1) *Knowledge*: Position requires a working knowledge of fire and building codes and laws; basic knowledge of the principles, techniques, and design of fixed fire suppression and detection systems; the ability to read and interpret plans and blueprints; and the ability to establish performance measures for subordinates and evaluate employee performance against those standards or measures.
- (2) *Skills*: Position requires effective oral and written communication skills.
- (3) *Education*: Associate's degree (bachelor's degree preferred) in Fire Protection Technology or related field.
- (4) *Experience*: One year of experience in fire protection.
- (5) *Licenses/Certificates*: Driver's license, certification- ~~as an inspector within 12 months of hire date, and certification in fire alarms and automatic sprinklers within 18 months of hire date~~ - to the plans examiner level II standard in compliance with NFPA 1031 .

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

Note that the statements in (1) through (5) are intended to describe the general nature and level of work being performed and are not intended to be an exhaustive list of all responsibilities, duties, and skills that can be required.

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._20_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

This PI addresses the "Licenses/Certifications" contained in the Annex C "Sample Job Descriptions." The license/certification language has been modified to be consistent with the level specified in NFPA 1031 and create consistency across the samples. While the title of Annex C is "Sample Job Descriptions", the reality is that most users consulting Annex C will use the Annex C language as "Model Job Descriptions" endorsed by the TC. Therefore, the language in the license/certification sections C should be consistent with the NFPA 1031 level progression system.

Submitter Information Verification

Submitter Full Name: Anthony Apfelbeck
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Submittal Date: Tue Sep 15 16:07:00 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: [FR-53-NFPA 1030-2020](#)

Statement: Sample job descriptions modified to match reorganization of positions of fire inspector and fire plans examiner.



Public Input No. 41-NFPA 1030-2020 [Chapter D]

Annex D Sample Job Descriptions (NFPA 1031)

This annex is not a part of the requirements of this NFPA document but is included for informational purposes only.

D.1 Job Title: Fire Inspector I.

D.1.1 Basic Function.

The Fire Inspector I is responsible for inspecting public, commercial, and residential structures for compliance with applicable fire codes.

D.1.2 Principal Responsibilities.

The Fire Inspector I is responsible for the following:

- (1) Inspects public, commercial, and residential structures to ensure compliance with jurisdiction, state, and federal fire codes and ordinances
- (2) Conducts inspections of fire hazard complaints and underground storage tanks for compliance with jurisdiction, state, and federal regulations
- (3) Identifies corrective actions that must be made to bring properties into compliance with applicable fire codes, laws, regulations, and standards
- (4) Assists citizens and other agency personnel with code interpretations and information when requested, prepares written documents, and maintains files
- (5) Issues citations for fire code violations
- (6) Provides court testimony regarding fire code violations

D.1.3 Typical Decisions.

The incumbent determines if structures are in compliance with jurisdiction, state, and federal fire codes and ordinances. The incumbent establishes performance measures for subordinates and evaluates employee performance against those standards or measures.

D.1.4 Minimum Qualifications.

The Fire Inspector I should have the following minimum qualifications:

- (1) *Knowledge:* Position requires conducting fire safety programs and a working knowledge of methods of fire prevention, fire protection systems, and building construction.
- (2) *Skills:* Position requires effective oral and written communication skills. Must be able to make mathematical calculations.
- (3) *Education:* Associate's degree in Fire Science or equivalent.
- (4) *Licenses/Certificates:* Driver's license and inspector certification.

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

D.2 Job Title: Fire Inspector II.

D.2.1 Basic Function.

The Fire Inspector II is responsible for inspecting public, commercial, and residential structures for compliance with applicable fire codes.

D.2.2 Principal Responsibilities.

The Fire Inspector II is responsible for the following:

- (1) Inspects and evaluates public, commercial, and residential structures to ensure compliance with jurisdiction, state, and federal fire codes and ordinances and reviews plans for compliance with fire codes
- (2) Conducts inspections of complex fire hazard complaints and underground storage tanks for compliance with jurisdiction, state, and federal regulations
- (3) Identifies corrective actions that must be made to bring properties into compliance with applicable fire codes, laws, regulations, and standards and recommends modifications to jurisdiction's fire codes
- (4) Assists citizens and other agency personnel with code interpretations and information when requested, prepares written documentation, creates forms and checklists addressing key inspection issues, and designs and maintains filing system for division
- (5) Issues citations for fire code violations and provides court testimony regarding fire code violations
- (6) Assists and instructs lower-level inspectors in code application, interpretation, and office procedures

D.2.3 Typical Decisions.

The incumbent determines if structures are in compliance with jurisdiction, state, and federal fire codes and ordinances. The incumbent establishes performance measures for subordinates and evaluates employee performance against those standards or measures. He or she also recommends modifications in the policies and procedures of the division.

D.2.4 Minimum Qualifications.

The Fire Inspector II should have the following minimum qualifications:

- (1) *Knowledge:* Position requires conducting fire safety programs and a working knowledge of methods of fire prevention, fire protection systems, and building construction.
- (2) *Skills:* Position requires effective oral and written communication skills. Must be able to make mathematical calculations.
- (3) *Education:* Bachelor's degree in Fire Protection, Fire Science, or equivalent.
- (4) *Experience:* Four years of experience, including one year of lead responsibility in fire inspection and/or fire prevention.
- (5) *Licenses/Certificates:* Driver's license and inspector certification.

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

D.3 Job Title: Fire Inspector III.

D.3.1 Basic Function.

The Fire Inspector III is responsible for the fire prevention and fire inspection activities of the jurisdiction. The Fire Inspector III serves as a manager and directs all activities of the division and integrates the jurisdiction's goals into the day-to-day operation of the division.

D.3.2 Principal Responsibilities.

The Fire Inspector III is responsible for the following:

- (1) Directs the preparation and submittal of the division's budget and allocates its resources in accordance with policy to ensure maximum performance
- (2) Serves as the division's liaison with various jurisdiction, state, and federal government agencies, as well as local organizations and groups
- (3) Recommends and implements changes in division policy and operations to improve efficiency and effectiveness and prepares and recommends updates in codes and standards for the jurisdiction
- (4) Directly supervises all employees assigned to the division
- (5) Indirectly coordinates through an established chain of command all fire department services, programs, and activities relating to fire prevention
- (6) Establishes realistic and obtainable goals for subordinates through a team process and ensures successful obtainment of those goals through appropriate training and assigned accountability
- (7) Serves as a highly visible representative of the fire department and the fire service to the jurisdiction at large through involvement in various community organizations and events relating to fire prevention

D.3.3 Typical Decisions.

The incumbent is required to make decisions relating to employee selection and appointment, fire code development and interpretations, and divisional administrative matters.

D.3.4 Minimum Qualifications.

The Fire Inspector III should have the following minimum qualifications:

- (1) *Knowledge:* Position requires thorough knowledge of the principles, practices, and techniques of modern suppression systems and fire prevention practices and must also possess the ability to apply this knowledge to fire prevention laws and ordinances; principles of public administration with reference to code development, enforcement, and personnel administration; and principles of jurisdiction budget preparation and finance.
- (2) *Skills:* Position requires the ability to provide effective leadership and to plan and assign, directing the work of subordinates; plan, initiate, and carry out long-term programs in the division and relate the division's programs with other jurisdictional programs, goals, and objectives; speak and deal tactfully and effectively with the people with whom he or she comes in contact; fairly and effectively evaluate the performance of subordinates; communicate orally and in writing to analyze the concepts necessary for accomplishment of required written and oral records and reports; and exhibit an ability to positively represent the department and jurisdiction in the community at large.
- (3) *Education:* Minimum of a bachelor's degree (master's degree preferred) with concentration in Fire Science, Public Administration, or related fields, supplemented by specialized training sufficient to meet the qualifications for certification as a master fire inspector.
- (4) *Experience:* Ten years' experience as a full-time employee with a career department with a strong background in fire prevention and code enforcement; must also have demonstrated technical competence in the areas of fire suppression system design and development and code administration.
- (5) *Licenses/Certificates:* Driver's license and master inspector certification.

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

Note that the statements in (1) through (5) are intended to describe the general nature and level of work being performed and are not intended to be an exhaustive list of all responsibilities, duties, and skills that can be required.

D.4 Job Title: Plan Examiner I.**D.4.1 Basic Function.**

The Plan Examiner I is responsible for examining building plans, fire protection system plans, and specifications for compliance with applicable fire codes and laws.

D.4.2 Principal Responsibilities.

The Plan Examiner I is responsible for the following:

- (1) Responds to fire code, law, and life safety inquiries from citizens
- (2) Reviews and evaluates routine building plans, site plans, and fire protection system plans in terms of fire code and building code life safety criteria
- (3) Receives and responds to requests for information and technical assistance from architects, engineers, and developers on design criteria for various occupancies and industrial processes
- (4) Attends meetings with architects, developers, and jurisdiction staff to discuss plan review requirements and procedures
- (5) Assists in preparation of variances and appeals before the Building Standards Commission

D.4.3 Typical Decisions.

The incumbent evaluates and approves fire protection system plan submittals and makes recommendations on alternate methods or materials when appropriate. ~~The incumbent evaluates and makes recommendations on requests for variance to the fire codes and local laws pertaining to fire safety.~~

D.4.4 Minimum Qualifications.

The Plan Examiner I should have the following minimum qualifications:

- (1) *Knowledge*: Position requires a working knowledge of fire and building codes and laws; basic knowledge of the principles, techniques, and design of fixed fire suppression and detection systems; and the ability to read and interpret plans and blueprints.
- (2) *Skills*: Position requires effective oral and written communication skills.
- (3) *Education*: Associate's degree (bachelor's degree preferred) in Fire Protection Technology or related field.
- (4) *Experience*: One year of experience in fire protection.
- (5) *Licenses/Certificates*: Driver's license, certification as an inspector within 12 months of hire date, and certification in fire alarms and automatic sprinklers within 18 months of hire date.

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

D.5 Job Title: Plan Examiner II.**D.5.1 Basic Function.**

The Plan Examiner II is responsible for examining building plans, fire protection system plans, and specifications for compliance with applicable fire codes and laws.

D.5.2 Principal Responsibilities.

The Plan Examiner II is responsible for the following:

- (1) Responds to fire code, law, and life safety inquiries from citizens
- (2) Reviews and evaluates routine and detailed building plans, site plans, and fire protection system plans in terms of fire code and building code life safety criteria
- (3) Receives and responds to requests for information and technical assistance from architects, engineers, and developers on design criteria for various occupancies and industrial processes
- (4) Attends meetings with architects, developers, and jurisdiction staff to discuss plan review requirements and procedures
- (5) Assists in preparation of variances and appeals before the Building Standards Commission and prepares and authenticates the division's documents
- (6) Assists and instructs lower-level plan reviewers in code application, interpretation, and office procedures

D.5.3 Typical Decisions.

The incumbent evaluates and approves fire protection system plan submittals and makes recommendations on alternate methods or materials when appropriate. ~~The incumbent evaluates and makes recommendations on requests for variance to the fire codes and local laws pertaining to fire safety.~~

D.5.4 Minimum Qualifications.

The Plan Examiner II should have the following minimum qualifications:

- (1) *Knowledge:* Position requires a working knowledge of fire and building codes and laws; basic knowledge of the principles, techniques, and design of fixed fire suppression and detection systems; the ability to read and interpret plans and blueprints; and the ability to establish performance measures for subordinates and evaluate employee performance against those standards or measures.
- (2) *Skills:* Position requires effective oral and written communication skills.
- (3) *Education:* Associate's degree (bachelor's degree preferred) in Fire Protection Technology or related field.
- (4) *Experience:* One year of experience in fire protection.
- (5) *Licenses/Certificates:* Driver's license, certification as an inspector within 12 months of hire date, and certification in fire alarms and automatic sprinklers within 18 months of hire date.

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

Note that the statements in (1) through (5) are intended to describe the general nature and level of work being performed and are not intended to be an exhaustive list of all responsibilities, duties, and skills that can be required.

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
.1600201681066 PI_No._21_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

This PI deletes the "variance" language from the Plans Examiner I and II Typical Job Functions.

Neither NFPA 1 nor the IFC use the term "variance" in their appeals language. A "variance" infers that a potential "waiver" could be issued and both the IFC and NFPA 1 prohibit code waivers. The proper approach is alternative methods/materials approval or equivalencies. The language in C.4.3 and C.5.3 already reflects alternative methods/materials. While Annex C is titled "Sample Job Descriptions", the reality is that individuals consulting Annex C will look at the language as "Model Job Descriptions." Therefore, the Annex C language needs to reflect best practices, be consistent with 1031 and the underlying fire codes.

Submitter Information Verification

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Submission Date: Tue Sep 15 16:26:22 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: [FR-53-NFPA 1030-2020](#)
Statement: Sample job descriptions modified to match reorganization of positions of fire inspector and fire plans examiner.



Public Input No. 57-NFPA 1030-2020 [Chapter D]

Annex D Sample Job Descriptions (NFPA 1031)

This annex is not a part of the requirements of this NFPA document but is included for informational purposes only.

D.1 Job Title: Fire Inspector I.

D.1.1 Basic Function.

The Fire Inspector I is responsible for inspecting public, commercial, and residential structures for compliance with applicable fire codes.

D.1.2 Principal Responsibilities.

The Fire Inspector I is responsible for the following:

- (1) Inspects public, commercial, and residential structures to ensure compliance with jurisdiction, state, and federal fire codes and ordinances
- (2) Conducts inspections of fire hazard complaints and underground storage tanks for compliance with jurisdiction, state, and federal regulations
- (3) Identifies corrective actions that must be made to bring properties into compliance with applicable fire codes, laws, regulations, and standards
- (4) Assists citizens and other agency personnel with code interpretations and information when requested, prepares written documents, and maintains files
- (5) Issues citations for fire code violations
- (6) Provides court testimony regarding fire code violations

D.1.3 Typical Decisions.

The incumbent determines if structures are in compliance with jurisdiction, state, and federal fire codes and ordinances. The incumbent establishes performance measures for subordinates and evaluates employee performance against those standards or measures.

D.1.4 Minimum Qualifications.

The Fire Inspector I should have the following minimum qualifications:

- (1) *Knowledge:* Position requires conducting fire safety programs and a working knowledge of methods of fire prevention, fire protection systems, and building construction.
- (2) *Skills:* Position requires effective oral and written communication skills. Must be able to make mathematical calculations.
- (3) *Education:* Associate's degree in Fire Science or equivalent.
- (4) *Licenses/Certificates:* Driver's license and inspector certification.

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

D.2 Job Title: Fire Inspector II.

D.2.1 Basic Function.

The Fire Inspector II is responsible for inspecting public, commercial, and residential structures for compliance with applicable fire codes.

D.2.2 Principal Responsibilities.

The Fire Inspector II is responsible for the following:

- (1) Inspects and evaluates public, commercial, and residential structures to ensure compliance with jurisdiction, state, and federal fire codes and ordinances and reviews plans for compliance with fire codes
- (2) Conducts inspections of complex fire hazard complaints and underground storage tanks for compliance with jurisdiction, state, and federal regulations
- (3) Identifies corrective actions that must be made to bring properties into compliance with applicable fire codes, laws, regulations, and standards and recommends modifications to jurisdiction's fire codes
- (4) Assists citizens and other agency personnel with code interpretations and information when requested, prepares written documentation, creates forms and checklists addressing key inspection issues, and designs and maintains filing system for division
- (5) Issues citations for fire code violations and provides court testimony regarding fire code violations
- (6) Assists and instructs lower-level inspectors in code application, interpretation, and office procedures

D.2.3 Typical Decisions.

The incumbent determines if structures are in compliance with jurisdiction, state, and federal fire codes and ordinances. The incumbent establishes performance measures for subordinates and evaluates employee performance against those standards or measures. He or she also recommends modifications in the policies and procedures of the division.

D.2.4 Minimum Qualifications.

The Fire Inspector II should have the following minimum qualifications:

- (1) *Knowledge*: Position requires conducting fire safety programs and a working knowledge of methods of fire prevention, fire protection systems, and building construction.
- (2) *Skills*: Position requires effective oral and written communication skills. Must be able to make mathematical calculations.
- (3) *Education*: Bachelor's degree in Fire Protection, Fire Science, or equivalent.
- (4) *Experience*: Four years of experience, including one year of lead responsibility in fire inspection and/or fire prevention.
- (5) *Licenses/Certificates*: Driver's license and inspector certification.

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

D.3 Job Title: Fire Inspector III.**D.3.1 Basic Function.**

The Fire Inspector III is responsible for the fire prevention and fire inspection activities of the jurisdiction. The Fire Inspector III serves as a manager and directs all activities of the division and integrates the jurisdiction's goals into the day-to-day operation of the division.

D.3.2 Principal Responsibilities.

The Fire Inspector III is responsible for the following:

- (1) Directs the preparation and submittal of the division's budget and allocates its resources in accordance with policy to ensure maximum performance
- (2) Serves as the division's liaison with various jurisdiction, state, and federal government agencies, as well as local organizations and groups
- (3) Recommends and implements changes in division policy and operations to improve efficiency and effectiveness and prepares and recommends updates in codes and standards for the jurisdiction
- (4) Directly supervises all employees assigned to the division
- (5) Indirectly coordinates through an established chain of command all fire department services, programs, and activities relating to fire prevention
- (6) Establishes realistic and obtainable goals for subordinates through a team process and ensures successful obtainment of those goals through appropriate training and assigned accountability
- (7) Serves as a highly visible representative of the fire department and the fire service to the jurisdiction at large through involvement in various community organizations and events relating to fire prevention

D.3.3 Typical Decisions.

The incumbent is required to make decisions relating to employee selection and appointment, fire code development and interpretations, and divisional administrative matters.

D.3.4 Minimum Qualifications.

The Fire Inspector III should have the following minimum qualifications:

- (1) *Knowledge*: Position requires thorough knowledge of the principles, practices, and techniques of modern suppression systems and fire prevention practices and must also possess the ability to apply this knowledge to fire prevention laws and ordinances; principles of public administration with reference to code development, enforcement, and personnel administration; and principles of jurisdiction budget preparation and finance.
- (2) *Skills*: Position requires the ability to provide effective leadership and to plan and assign, directing the work of subordinates; plan, initiate, and carry out long-term programs in the division and relate the division's programs with other jurisdictional programs, goals, and objectives; speak and deal tactfully and effectively with the people with whom he or she comes in contact; fairly and effectively evaluate the performance of subordinates; communicate orally and in writing to analyze the concepts necessary for accomplishment of required written and oral records and reports; and exhibit an ability to positively represent the department and jurisdiction in the community at large.
- (3) *Education*: Minimum of a bachelor's degree (master's degree preferred) with concentration in Fire Science, Public Administration, or related fields, supplemented by specialized training sufficient to meet the qualifications for certification as a master fire inspector.
- (4) *Experience*: Ten years' experience as a full-time employee with a career department with a strong background in fire prevention and code enforcement; must also have demonstrated technical competence in the areas of fire suppression system design and development and code administration.
- (5) *Licenses/Certificates*: Driver's license and master inspector certification.

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

Note that the statements in (1) through (5) are intended to describe the general nature and level of work being performed and are not intended to be an exhaustive list of all responsibilities, duties, and skills that can be required.

D.4 Job Title: Plan Examiner I.

D.4.1 Basic Function.

The Plan Examiner I is responsible for examining building plans, fire protection system plans, and specifications for compliance with applicable fire codes and laws.

D.4.2 Principal Responsibilities.

The Plan Examiner I is responsible for the following:

- (1) Responds to fire code, law, and life safety inquiries from citizens
- (2) Reviews and evaluates routine building plans, site plans, and fire protection system plans in terms of fire code and building code life safety criteria
- (3) Receives and responds to requests for information and technical assistance from architects, engineers, and developers on design criteria for various occupancies and industrial processes
- (4) Attends meetings with architects, developers, and jurisdiction staff to discuss plan review requirements and procedures
- (5) Assists in preparation of variances and appeals before the Building Standards Commission

D.4.3 Typical Decisions.

The incumbent evaluates and approves fire protection system plan submittals and makes recommendations on alternate methods or materials when appropriate. The incumbent evaluates and makes recommendations on requests for variance to the fire codes and local laws pertaining to fire safety.

D.4.4 Minimum Qualifications.

The Plan Examiner I should have the following minimum qualifications:

- (1) *Knowledge*: Position requires a working knowledge of fire and building codes and laws; basic knowledge of the principles, techniques, and design of fixed fire suppression and detection systems; and the ability to read and interpret plans and blueprints.
- (2) *Skills*: Position requires effective oral and written communication skills.
- (3) *Education*: Associate's degree (bachelor's degree preferred) in Fire Protection Technology or related field.
- (4) *Experience*: One year of experience in fire protection.
- (5) *Licenses/Certificates*: Driver's license, certification as an inspector within 12 months of hire date, and certification in fire alarms and automatic sprinklers within 18 months of hire date.

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

D.5 Job Title: Plan Examiner II.

D.5.1 Basic Function.

The Plan Examiner II is responsible for examining building plans, fire protection system plans, and specifications for compliance with applicable fire codes and laws.

D.5.2 Principal Responsibilities.

The Plan Examiner II is responsible for the following:

- (1) Responds to fire code, law, and life safety inquiries from citizens
- (2) Reviews and evaluates routine and detailed building plans, site plans, and fire protection system plans in terms of fire code and building code life safety criteria
- (3) Receives and responds to requests for information and technical assistance from architects, engineers, and developers on design criteria for various occupancies and industrial processes
- (4) Attends meetings with architects, developers, and jurisdiction staff to discuss plan review requirements and procedures
- (5) Assists in preparation of variances and appeals before the Building Standards Commission and prepares and authenticates the division's documents
- (6) Assists and instructs lower-level plan reviewers in code application, interpretation, and office procedures

D.5.3 Typical Decisions.

The incumbent evaluates and approves fire protection system plan submittals and makes recommendations on alternate methods or materials when appropriate. The incumbent evaluates and makes recommendations on requests for variance to the fire codes and local laws pertaining to fire safety.

D.5.4 Minimum Qualifications.

The Plan Examiner II should have the following minimum qualifications:

- (1) *Knowledge*: Position requires a working knowledge of fire and building codes and laws; basic knowledge of the principles, techniques, and design of fixed fire suppression and detection systems; the ability to read and interpret plans and blueprints; and the ability to establish performance measures for subordinates and evaluate employee performance against those standards or measures.
- (2) *Skills*: Position requires effective oral and written communication skills.
- (3) *Education*: Associate's degree (bachelor's degree preferred) in Fire Protection Technology or related field.
- (4) *Experience*: One year of experience in fire protection.
- (5) *Licenses/Certificates*: Driver's license, certification as an inspector within 12 months of hire date, and certification in fire alarms and automatic sprinklers within 18 months of hire date.

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

Note that the statements in (1) through (5) are intended to describe the general nature and level of work being performed and are not intended to be an exhaustive list of all responsibilities, duties, and skills that can be required.

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._42_-_1031.pdf	
1031-2020_Annex_C_PJM_review.1535739753830.docx	

Statement of Problem and Substantiation for Public Input

The Technical Committee met on March 23-24, 2018, and drafted proposed comprehensive changes to NFPA 1031. This public input represents a complete replacement of Annex C to update and modernize the sample job descriptions provided.

Submitter Information Verification

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Zip:
Submittal Date: Fri Oct 16 11:56:34 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: [FR-53-NFPA 1030-2020](#)

Statement: Sample job descriptions modified to match reorganization of positions of fire inspector and fire plans examiner.



Public Input No. 58-NFPA 1030-2020 [Chapter D]

Annex D Sample Job Descriptions (NFPA 1031)

This annex is not a part of the requirements of this NFPA document but is included for informational purposes only.

D.1 Job Title: Fire Inspector I.

D.1.1 Basic Function.

The Fire Inspector I is responsible for inspecting public, commercial, and residential structures for compliance with applicable fire codes.

D.1.2 Principal Responsibilities.

The Fire Inspector I is responsible for the following:

- (1) Inspects public, commercial, and residential structures to ensure compliance with jurisdiction, state, and federal fire codes and ordinances
- (2) Conducts inspections of fire hazard complaints and underground storage tanks for compliance with jurisdiction, state, and federal regulations
- (3) Identifies corrective actions that must be made to bring properties into compliance with applicable fire codes, laws, regulations, and standards
- (4) Assists citizens and other agency personnel with code interpretations and information when requested, prepares written documents, and maintains files
- (5) Issues citations for fire code violations
- (6) Provides court testimony regarding fire code violations

D.1.3 Typical Decisions.

The incumbent determines if structures are in compliance with jurisdiction, state, and federal fire codes and ordinances. The incumbent establishes performance measures for subordinates and evaluates employee performance against those standards or measures.

D.1.4 Minimum Qualifications.

The Fire Inspector I should have the following minimum qualifications:

- (1) *Knowledge:* Position requires conducting fire safety programs and a working knowledge of methods of fire prevention, fire protection systems, and building construction.
- (2) *Skills:* Position requires effective oral and written communication skills. Must be able to make mathematical calculations.
- (3) *Education:* Associate's degree in Fire Science or equivalent.
- (4) *Licenses/Certificates:* Driver's license and inspector certification.

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

D.2 Job Title: Fire Inspector II.

D.2.1 Basic Function.

The Fire Inspector II is responsible for inspecting public, commercial, and residential structures for compliance with applicable fire codes.

D.2.2 Principal Responsibilities.

The Fire Inspector II is responsible for the following:

- (1) Inspects and evaluates public, commercial, and residential structures to ensure compliance with jurisdiction, state, and federal fire codes and ordinances and reviews plans for compliance with fire codes
- (2) Conducts inspections of complex fire hazard complaints and underground storage tanks for compliance with jurisdiction, state, and federal regulations
- (3) Identifies corrective actions that must be made to bring properties into compliance with applicable fire codes, laws, regulations, and standards and recommends modifications to jurisdiction's fire codes
- (4) Assists citizens and other agency personnel with code interpretations and information when requested, prepares written documentation, creates forms and checklists addressing key inspection issues, and designs and maintains filing system for division
- (5) Issues citations for fire code violations and provides court testimony regarding fire code violations
- (6) Assists and instructs lower-level inspectors in code application, interpretation, and office procedures

D.2.3 Typical Decisions.

The incumbent determines if structures are in compliance with jurisdiction, state, and federal fire codes and ordinances. The incumbent establishes performance measures for subordinates and evaluates employee performance against those standards or measures. He or she also recommends modifications in the policies and procedures of the division.

D.2.4 Minimum Qualifications.

The Fire Inspector II should have the following minimum qualifications:

- (1) *Knowledge*: Position requires conducting fire safety programs and a working knowledge of methods of fire prevention, fire protection systems, and building construction.
- (2) *Skills*: Position requires effective oral and written communication skills. Must be able to make mathematical calculations.
- (3) *Education*: Bachelor's degree in Fire Protection, Fire Science, or equivalent.
- (4) *Experience*: Four years of experience, including one year of lead responsibility in fire inspection and/or fire prevention.
- (5) *Licenses/Certificates*: Driver's license and inspector certification.

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

D.3 Job Title: Fire Inspector III.

D.3.1 Basic Function.

The Fire Inspector III is responsible for the fire prevention and fire inspection activities of the jurisdiction. The Fire Inspector III serves as a manager and directs all activities of the division and integrates the jurisdiction's goals into the day-to-day operation of the division.

D.3.2 Principal Responsibilities.

The Fire Inspector III is responsible for the following:

- (1) Directs the preparation and submittal of the division's budget and allocates its resources in accordance with policy to ensure maximum performance
- (2) Serves as the division's liaison with various jurisdiction, state, and federal government agencies, as well as local organizations and groups
- (3) Recommends and implements changes in division policy and operations to improve efficiency and effectiveness and prepares and recommends updates in codes and standards for the jurisdiction
- (4) Directly supervises all employees assigned to the division
- (5) Indirectly coordinates through an established chain of command all fire department services, programs, and activities relating to fire prevention
- (6) Establishes realistic and obtainable goals for subordinates through a team process and ensures successful obtainment of those goals through appropriate training and assigned accountability
- (7) Serves as a highly visible representative of the fire department and the fire service to the jurisdiction at large through involvement in various community organizations and events relating to fire prevention

D.3.3 Typical Decisions.

The incumbent is required to make decisions relating to employee selection and appointment, fire code development and interpretations, and divisional administrative matters.

D.3.4 Minimum Qualifications.

The Fire Inspector III should have the following minimum qualifications:

- (1) *Knowledge*: Position requires thorough knowledge of the principles, practices, and techniques of modern suppression systems and fire prevention practices and must also possess the ability to apply this knowledge to fire prevention laws and ordinances; principles of public administration with reference to code development, enforcement, and personnel administration; and principles of jurisdiction budget preparation and finance.
- (2) *Skills*: Position requires the ability to provide effective leadership and to plan and assign, directing the work of subordinates; plan, initiate, and carry out long-term programs in the division and relate the division's programs with other jurisdictional programs, goals, and objectives; speak and deal tactfully and effectively with the people with whom he or she comes in contact; fairly and effectively evaluate the performance of subordinates; communicate orally and in writing to analyze the concepts necessary for accomplishment of required written and oral records and reports; and exhibit an ability to positively represent the department and jurisdiction in the community at large.
- (3) *Education*: Minimum of a bachelor's degree (master's degree preferred) with concentration in Fire Science, Public Administration, or related fields, supplemented by specialized training sufficient to meet the qualifications for certification as a master fire inspector.
- (4) *Experience*: Ten years' experience as a full-time employee with a career department with a strong background in fire prevention and code enforcement; must also have demonstrated technical competence in the areas of fire suppression system design and development and code administration.
- (5) *Licenses/Certificates*: Driver's license and master inspector certification.

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

Note that the statements in (1) through (5) are intended to describe the general nature and level of work being performed and are not intended to be an exhaustive list of all responsibilities, duties, and skills that can be required.

D.4 Job Title: Plan Examiner I.

D.4.1 Basic Function.

The Plan Examiner I is responsible for examining building plans, fire protection system plans, and specifications for compliance with applicable fire codes and laws.

D.4.2 Principal Responsibilities.

The Plan Examiner I is responsible for the following:

- (1) Responds to fire code, law, and life safety inquiries from citizens
- (2) Reviews and evaluates routine building plans, site plans, and fire protection system plans in terms of fire code and building code life safety criteria
- (3) Receives and responds to requests for information and technical assistance from architects, engineers, and developers on design criteria for various occupancies and industrial processes
- (4) Attends meetings with architects, developers, and jurisdiction staff to discuss plan review requirements and procedures
- (5) Assists in preparation of variances and appeals before the Building Standards Commission

D.4.3 Typical Decisions.

The incumbent evaluates and approves fire protection system plan submittals and makes recommendations on alternate methods or materials when appropriate. The incumbent evaluates and makes recommendations on requests for variance to the fire codes and local laws pertaining to fire safety.

D.4.4 Minimum Qualifications.

The Plan Examiner I should have the following minimum qualifications:

- (1) *Knowledge*: Position requires a working knowledge of fire and building codes and laws; basic knowledge of the principles, techniques, and design of fixed fire suppression and detection systems; and the ability to read and interpret plans and blueprints.
- (2) *Skills*: Position requires effective oral and written communication skills.
- (3) *Education*: Associate's degree (bachelor's degree preferred) in Fire Protection Technology or related field.
- (4) *Experience*: One year of experience in fire protection.
- (5) *Licenses/Certificates*: Driver's license, certification as an inspector within 12 months of hire date, and certification in fire alarms and automatic sprinklers within 18 months of hire date.

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

D.5 Job Title: Plan Examiner II.

D.5.1 Basic Function.

The Plan Examiner II is responsible for examining building plans, fire protection system plans, and specifications for compliance with applicable fire codes and laws.

D.5.2 Principal Responsibilities.

The Plan Examiner II is responsible for the following:

- (1) Responds to fire code, law, and life safety inquiries from citizens
- (2) Reviews and evaluates routine and detailed building plans, site plans, and fire protection system plans in terms of fire code and building code life safety criteria
- (3) Receives and responds to requests for information and technical assistance from architects, engineers, and developers on design criteria for various occupancies and industrial processes
- (4) Attends meetings with architects, developers, and jurisdiction staff to discuss plan review requirements and procedures
- (5) Assists in preparation of variances and appeals before the Building Standards Commission and prepares and authenticates the division's documents
- (6) Assists and instructs lower-level plan reviewers in code application, interpretation, and office procedures

D.5.3 Typical Decisions.

The incumbent evaluates and approves fire protection system plan submittals and makes recommendations on alternate methods or materials when appropriate. The incumbent evaluates and makes recommendations on requests for variance to the fire codes and local laws pertaining to fire safety.

D.5.4 Minimum Qualifications.

The Plan Examiner II should have the following minimum qualifications:

- (1) *Knowledge*: Position requires a working knowledge of fire and building codes and laws; basic knowledge of the principles, techniques, and design of fixed fire suppression and detection systems; the ability to read and interpret plans and blueprints; and the ability to establish performance measures for subordinates and evaluate employee performance against those standards or measures.
- (2) *Skills*: Position requires effective oral and written communication skills.
- (3) *Education*: Associate's degree (bachelor's degree preferred) in Fire Protection Technology or related field.
- (4) *Experience*: One year of experience in fire protection.
- (5) *Licenses/Certificates*: Driver's license, certification as an inspector within 12 months of hire date, and certification in fire alarms and automatic sprinklers within 18 months of hire date.

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

Note that the statements in (1) through (5) are intended to describe the general nature and level of work being performed and are not intended to be an exhaustive list of all responsibilities, duties, and skills that can be required.

Additional Proposed Changes

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Statement of Problem and Substantiation for Public Input

The Technical Committee met on March 23-24, 2018, and drafted proposed comprehensive changes to NFPA 1031. This public input represents the addition of a new Annex D from the National Fallen Firefighter Foundation to follow Annex C with subsequent Annex material relettered and renumbered accordingly.

Submitter Information Verification

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Submittal Date: Fri Oct 16 11:58:31 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: [FR-53-NFPA 1030-2020](#)

Statement: Sample job descriptions modified to match reorganization of positions of fire inspector and fire plans examiner.



Public Input No. 42-NFPA 1030-2020 [Section No. D.1.3]

D.1.3 Typical Decisions.

The incumbent determines if structures are in compliance with jurisdiction, state, and federal fire codes and ordinances. ~~The incumbent establishes performance measures for subordinates and evaluates employee performance against those standards or measures.~~

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._19_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

The 1.2.2, the language in C.1.3, assigning supervisory responsibilities to a Fire Inspector I, is inconsistent with a vast majority of organizational structures. It is difficult to imagine creating a typical organization scenario where a Fire Inspector I would be placed in a supervisory capacity. While the title of Annex C is labeled "Sample Job Descriptions", the reality is that most Annex C users will view these as "Model Job Descriptions" endorsed by the TC. Therefore, they need reflect best practices in order to assist users of Annex C.

Submitter Information Verification

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Submittal Date: Tue Sep 15 16:29:37 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: [FR-53-NFPA 1030-2020](#)
Statement: Sample job descriptions modified to match reorganization of positions of fire inspector and fire plans examiner.



Public Input No. 43-NFPA 1030-2020 [Section No. D.5.4]

D.5.4 Minimum Qualifications.

The Plan Examiner II should have the following minimum qualifications:

- (1) *Knowledge:* Position requires a working knowledge of fire and building codes and laws; basic knowledge of the principles, techniques, and design of fixed fire suppression and detection systems; the ability to read and interpret plans and blueprints; and the ability to establish performance measures for subordinates and evaluate employee performance against those standards or measures.
- (2) *Skills:* Position requires effective oral and written communication skills.
- (3) *Education:* - ~~Associate's degree (bachelor's degree preferred)~~ Bachelor's degree in Fire Protection Technology or related field.
- (4) *Experience:* One year of experience in fire protection.
- (5) *Licenses/Certificates:* Driver's license, certification as an inspector within 12 months of hire date, and certification in fire alarms and automatic sprinklers within 18 months of hire date.

Any work-related experience resulting in acceptable proficiency levels in the minimum qualifications is an acceptable substitute for the specified education and experience requirements listed in (3) and (4).

Note that the statements in (1) through (5) are intended to describe the general nature and level of work being performed and are not intended to be an exhaustive list of all responsibilities, duties, and skills that can be required.

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._17_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

The minimum education qualification for Fire Inspector II and III are specified as a Bachelors Degree in C.2.4 (3) and C.3.4 (3). The current minimum education qualification for a Plan Examiner II is an Associates Degree in C.5.4(3). A comparison of the JPRs between the Plans Examiner II level and the Fire Inspector II and III levels clearly shows that the tasks of required of a Plans Examiner II are at least as demanding as those of a Fire Inspector II. Therefore, the minimum education qualifications for the Plans Examiner II should be at least equivalent to the Fire Inspector II...if not the Fire Inspector III.

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Committee: PQU-FIS

Committee Statement

Resolution: [FR-53-NFPA 1030-2020](#)

Statement: Sample job descriptions modified to match reorganization of positions of fire inspector and fire plans examiner.



Public Input No. 44-NFPA 1030-2020 [Chapter F]

Annex F Frequency of Use of Standards (NFPA 1031)

This annex is not a part of the requirements of this NFPA document but is included for informational purposes only.

The committee has included the lists in Annex F as a reference to indicate the frequency of use of standards by users of NFPA 1030.

F.1 Use/Occupancy Standards.

F.1.1 Routinely Used.

NFPA

~~3, Recommended Practice for Commissioning and Integrated Testing of Fire Protection and Life Safety Systems .NFPA~~

~~33, Standard for Spray Application Using Flammable or Combustible Materials .~~

~~NFPA 34, Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids .~~

NFPA

~~45, Standard on Fire Protection for Laboratories Using Chemicals .NFPA~~

~~88A, Standard for Parking Structures .~~

~~NFPA 99, Health Care Facilities Code .~~

~~NFPA 102, Standard for Grandstands, Folding and Telescopic Seating, Tents, and Membrane Structures .~~

~~NFPA 232, Standard for the Protection of Records .~~

F.1.2 Occasionally Used.

~~NFPA 32, Standard for Drycleaning Facilities .~~

~~NFPA 40, Standard for the Storage and Handling of Cellulose Nitrate Film .~~

~~NFPA 45 Standard on Fire Protection for Laboratories Using Chemicals.~~

~~NFPA 61, Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Processing Facilities .~~

NFPA

~~400, Hazardous Materials Code~~

~~92, Standard for Smoke Control Systems .~~

NFPA

501

232 , Standard

on Manufactured Housing

for the Protection of Records .

~~NFPA 400, Hazardous Materials Code .~~

~~NFPA 501A, Standard for Fire Safety Criteria for Manufactured Home Installations, Sites, and Communities .~~

~~NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids .~~

~~NFPA 820, Standard for Fire Protection in Wastewater Treatment and Collection Facilities .~~

NFPA

~~1192, Standard on Recreational Vehicles .NFPA~~

1194, *Standard for Recreational Vehicle Parks and Campgrounds* .

F.1.3 Rarely Used.

ASME A17.1 Safety Code for Elevators and Escalators

NFPA 3, Recommended Practice for Commissioning and Integrated Testing of Fire Protection and Life Safety Systems.

NFPA 36, *Standard for Solvent Extraction Plants* .

NFPA 51A, *Standard for Acetylene Cylinder Charging Plants* .

NFPA 59, *Utility LP-Gas Plant Code* .

NFPA 59A, *Standard for the Production, Storage, and Handling of Liquefied Natural Gas (LNG)* .

NFPA 99B, *Standard for Hypobaric Facilities* .

NFPA 120, *Standard for Fire Prevention and Control in Coal Mines* .

NFPA 122, *Standard for Fire Prevention and Control in Metal/Nonmetal Mining and Metal Mineral Processing Facilities* .

NFPA 140, *Standard on Motion Picture and Television Production Studio Soundstages, Approved Production Facilities, and Production Locations* .

NFPA 150, *Standard on Fire and Life Safety in Animal Housing Facilities* .

NFPA 214, *Standard on Water-Cooling Towers* .

NFPA 303, *Fire Protection Standard for Marinas and Boatyards* .

NFPA 307, *Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves* .

NFPA 312, *Standard for Fire Protection of Vessels During Construction, Conversion, Repair, and Lay-Up* .

NFPA 318, *Standard for the Protection of Semiconductor Fabrication Facilities* .

NFPA

400, *Hazardous Materials Code* .NFPA

409, *Standard on Aircraft Hangars* .

NFPA 415, *Standard on Airport Terminal Buildings, Fueling Ramp Drainage, and Loading Walkways* .

NFPA 423, *Standard for Construction and Protection of Aircraft Engine Test Facilities* .

NFPA 484, *Standard for Combustible Metals* .

NFPA 501, *Standard on Manufactured Housing*.

NFPA 502, *Standard for Road Tunnels, Bridges, and Other Limited Access Highways* .

NFPA 520, *Standard on Subterranean Spaces* .

NFPA 801, *Standard for Fire Protection for Facilities Handling Radioactive Materials* .

NFPA 804, *Standard for Fire Protection for Advanced Light Water Reactor Electric Generating Plants* .

NFPA 850, *Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations* .

NFPA 851, *Recommended Practice for Fire Protection for Hydroelectric Generating Plants* .

NFPA 909, *Code for the Protection of Cultural Resource Properties — Museums, Libraries, and Places of Worship* .

NFPA 914, *Code for the Protection of Historic Structures* .

NFPA 1192, *Standard on Recreational Vehicles*.

F.1.4 Informational Purposes.

NFPA

~~92, *Standard for Smoke Control Systems* .NFPA~~

1141, *Standard for Fire Protection Infrastructure for Land Development in Wildland, Rural, and Suburban Areas* .

F.2

~~Building Construction/ F.4.2~~

[Fire Test Standards.](#)

[F.2.1](#) [Routinely Used. \(Reserved\)](#)

[F.2.2](#) [Occasionally Used. \(Reserved\)](#)

[F.2.3](#) [Rarely Used. \(Reserved\)](#)

[F.2.4](#) [Informational Purposes.](#)

[NFPA 260, Standard Methods of Tests and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture .](#)

[NFPA 261, Standard Method of Test for Determining Resistance of Mock-Up Upholstered Furniture Material Assemblies to Ignition by Smoldering Cigarettes .](#)

[NFPA 262, Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces .](#)

[NFPA 265, Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile or Expanded Vinyl Wall Coverings on Full Height Panels and Walls .](#)

[NFPA 268, Standard Test Method for Determining Ignitability of Exterior Wall Assemblies Using a Radiant Heat Energy Source .](#)

[NFPA 269, Standard Test Method for Developing Toxic Potency Data for Use in Fire Hazard Modeling .](#)

[NFPA 270, Standard Test Method for Measurement of Smoke Obscuration Using a Conical Radiant Source in a Single Closed Chamber .](#)

[NFPA 285, Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Wall Assemblies Containing Combustible Components .](#)

[NFPA 496, Standard for Purged and Pressurized Enclosures for Electrical Equipment .](#)

[NFPA 497, Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous \(Classified\) Locations for Electrical Installations in Chemical Process Areas .](#)

[NFPA 499, Recommended Practice for the Classification of Combustible Dusts and of Hazardous \(Classified\) Locations for Electrical Installations in Chemical Process Areas .](#)

[NFPA 550, Guide to the Fire Safety Concepts Tree .](#)

[NFPA 555, Guide on Methods for Evaluating Potential for Room Flashover .](#)

[NFPA 701, Standard Methods of Fire Tests for Flame Propagation of Textiles and Films .](#)

[NFPA 703, Standard for Fire Retardant-Treated Wood and Fire-Retardant Coatings for Building Materials .](#)

[NFPA 705, Recommended Practice for a Field Flame Test for Textiles and Films .](#)

[F.3](#) [Fire Hazard Control Standards.](#)

[F.3.1](#) [Routinely Used.](#)

[NFPA 51, Standard for the Design and Installation of Oxygen-Fuel Gas Systems for Welding, Cutting, and Allied Processes .](#)

[NFPA 51B, Standard for Fire Prevention During Welding, Cutting, and Other Hot Work .](#)

[NFPA 55, Compressed Gases and Cryogenic Fluids Code .](#)

[NFPA 241, Standard for Safeguarding Construction, Alteration, and Demolition Operations .](#)

[F.3.2](#) [Occasionally Used.](#)

[NFPA 286, Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth .](#)

[NFPA 1126, Standard for the Use of Pyrotechnics Before a Proximate Audience .](#)

F.3.3 Rarely Used.

NFPA 35, Standard for the Manufacture of Organic Coatings .

NFPA 53, Recommended Practice on Materials, Equipment, and Systems Used in Oxygen-Enriched Atmospheres .

NFPA 68, Standard on Explosion Protection by Deflagration Venting .

NFPA 69, Standard on Explosion Prevention Systems .

NFPA 70B, Recommended Practice for Electrical Equipment Maintenance .

NFPA 70E[®], Standard for Electrical Safety in the Workplace[®] .

NFPA 75, Standard for the Fire Protection of Information Technology Equipment .

NFPA 77, Recommended Practice on Static Electricity .

NFPA 160, Standard for the Use of Flame Effects Before an Audience .

NFPA 326, Standard for the Safeguarding of Tanks and Containers for Entry, Cleaning, or Repair .

NFPA 655, Standard for Prevention of Sulfur Fires and Explosions .

NFPA 780, Standard for the Installation of Lightning Protection Systems .

F.3.4 Informational Purposes.

NFPA 115, Standard for Laser Fire Protection .

F.4 Fire Service Standards.**F.4.1**

– Mandatory.

~~NFPA 472, Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents .~~

Routinely Used.

~~NFPA 1031, Standard for Professional Qualifications for Fire Inspector and Plan Examiner .~~

F.4.

~~3–~~

2 – Occasionally Used.

~~NFPA 1142, Standard on Water Supplies for Suburban and Rural Fire Fighting .~~

~~NFPA 1144, Standard for Reducing Structure Ignition Hazards from Wildland Fire .~~

F.4.

~~4–~~

3 – Rarely Used.

~~NEPA 13E, Recommended Practice for Fire Department Operations in Properties Protected by Sprinkler and Standpipe Systems -~~

~~NEPA 291, Recommended Practice for Fire Flow Testing and Marking of Hydrants -~~

~~NEPA 424, Guide for Airport/Community Emergency Planning -~~

~~NEPA 601, Standard for Security Services in Fire Loss Prevention -~~

~~NEPA 1000, Standard for Fire Service Professional Qualifications Accreditation and Certification Systems -~~

~~NEPA 1001, Standard for Fire Fighter Professional Qualifications -~~

~~NEPA 1002, Standard for Fire Apparatus Driver/Operator Professional Qualifications -~~

~~NEPA 1003, Standard for Airport Fire Fighter Professional Qualifications -~~

~~NEPA 1021, Standard for Fire Officer Professional Qualifications -~~

~~NEPA 1033, Standard for Professional Qualifications for Fire Investigator -~~

~~NEPA 1035, Standard for Professional Qualifications for Fire and Life Safety Educator, Public Information Officer, and Juvenile Firesetter Intervention Specialist -~~

~~NEPA 1037, Standard for Professional Qualifications for Fire Marshal~~

~~NEPA 1041, Standard for Fire and Emergency Services Instructor Professional Qualifications -~~

~~NEPA 1051, Standard for Wildland Fire Fighter Professional Qualifications -~~

~~NEPA 1061, Standard for Professional Qualifications for Public Safety Telecommunications Personnel -~~

~~NEPA 1143, Standard for Wildland Fire Management~~

~~NEPA 1150, Standard on Foam Chemicals for Fires in Class A Fuels -~~

~~NEPA 1201, Standard for Providing Fire and Emergency Services to the Public -~~

~~NEPA 1221, Standard for the Installation, Maintenance, and Use of Emergency Services Communications Systems -~~

~~NEPA 1402, Standard on Facilities for Fire Training and Associated Props -~~

~~NEPA 1620, Standard for Pre-Incident Planning -~~

~~NEPA 1730, Standard on Organization and Deployment of Fire Prevention Inspection and Code Enforcement, Plan Review, Investigation and Public Education Operations.~~

F.4.

5-

4 – Informational Purposes.

~~NEPA 704, Standard System for the Identification of the Hazards of Materials for Emergency Response -~~

~~NEPA 1452, Guide for Training Fire Service Personnel to Conduct Community Risk Reduction for Residential Occupancies -~~

~~NEPA 1500, Standard on Fire Department Occupational Safety and Health Program -~~

~~NEPA 1901, Standard for Automotive Fire Apparatus -~~

~~NEPA 1963, Standard for Fire Hose Connections -~~

F.4.

6-

5 – Not Applicable.

~~NEPA 329, Recommended Practice for Handling Releases of Flammable and Combustible Liquids and Gases .~~

~~NEPA 402, Guide for Aircraft Rescue and Fire-Fighting Operations .~~

~~NEPA 403, Standard for Aircraft Rescue and Fire-Fighting Services at Airports .~~

~~NEPA 405, Standard for the Recurring Proficiency of Airport Fire Fighters .~~

~~NEPA 412, Standard for Evaluating Aircraft Rescue and Fire-Fighting Foam Equipment .~~

~~NEPA 414, Standard for Aircraft Rescue and Fire-Fighting Vehicles .~~

~~NEPA 422, Guide for Aircraft Accident/Incident Response Assessment .~~

~~NEPA 472, Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents.~~

~~NEPA 473, Standard for Competencies for EMS Personnel Responding to Hazardous Materials/Weapons of Mass Destruction Incidents .~~

~~NEPA 600, Standard on Industrial Fire Brigades .~~

~~NEPA 921, Guide for Fire and Explosion Investigations .~~

~~NEPA 1006, Standard for Technical Rescuer Professional Qualifications .~~

~~NEPA 1071, Standard for Emergency Vehicle Technician Professional Qualifications .~~

~~NEPA 1145, Guide for the Use of Class A Foams in Manual Structural Fire Fighting .~~

~~NEPA 1401, Recommended Practice for Fire Service Training Reports and Records .~~

~~NEPA 1403, Standard on Live Fire Training Evolutions .~~

~~NEPA 1404, Standard for Fire Service Respiratory Protection Training .~~

~~NEPA 1405, Guide for Land-Based Fire Departments That Respond to Marine Vessel Fires .~~

~~NEPA 1410, Standard on Training for Initial Emergency Scene Operations .~~

~~NEPA 1451, Standard for a Fire and Emergency Service Vehicle Operations Training Program .~~

~~NEPA 1561, Standard on Emergency Services Incident Management System .~~

~~NEPA 1581, Standard on Fire Department Infection Control Program .~~

~~NEPA 1582, Standard on Comprehensive Occupational Medical Program for Fire Departments .~~

~~NEPA 1583, Standard on Health-Related Fitness Programs for Fire Department Members .~~

~~NEPA 1600, Standard on Continuity, Emergency, and Crisis Management .~~

~~NEPA 1670, Standard on Operations and Training for Technical Search and Rescue Incidents .~~

~~NEPA 1901, Standard for Automotive Fire Apparatus .~~

~~NEPA 1906, Standard for Wildland Fire Apparatus .~~

~~NEPA 1911, Standard for the Inspection, Maintenance, Testing, and Retirement of In-Service Automotive Fire Apparatus .~~

~~NEPA 1925, Standard on Marine Fire-Fighting Vessels .~~

~~NEPA 1931, Standard for Manufacturer's Design of Fire Department Ground Ladders .~~

~~NEPA 1932, Standard on Use, Maintenance, and Service Testing of In-Service Fire Department Ground Ladders .~~

~~NEPA 1936, Standard on Rescue Tools .~~

~~NEPA 1961, Standard on Fire Hose .~~

~~NEPA 1962, Standard for the Care, Use, Inspection, Service Testing, and Replacement of Fire Hose, Couplings, Nozzles, and Fire Hose Appliances .~~

~~NEPA 1964, Standard for Spray Nozzles .~~

~~NEPA 1971, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting .~~

~~NEPA 1975, Standard on Emergency Services Work Apparel .~~

~~NEPA 1977, Standard on Protective Clothing and Equipment for Wildland Fire Fighting .~~

~~NEPA 1981, Standard on Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services .~~

~~NEPA 1982, Standard on Personal Alert Safety Systems (PASS) .~~

~~NEPA 1983, Standard on Life Safety Rope and Equipment for Emergency Services .~~

~~NEPA 1991, Standard on Vapor-Protective Ensembles for Hazardous Materials Emergencies .~~

~~NEPA 1992, Standard on Liquid-Splash-Protective Ensembles and Clothing for Hazardous Materials Emergencies .~~

~~NEPA 1999, Standard on Protective Clothing for Emergency Medical Operations .~~

F.5 – Model Codes.

F.5.1 – Routinely Used.

International Fire Code

~~NEPA 1, Fire Code .~~

~~NEPA 30, Flammable and Combustible Liquids Code .~~

~~NEPA 30A, Code for Motor Fuel Dispensing Facilities and Repair Garages .~~

~~NEPA 30B, Code for the Manufacture and Storage of Aerosol Products .~~

~~NEPA 54, National Fuel Gas Code .~~

~~NEPA 58, Liquefied Petroleum Gas Code .~~

~~NEPA 70 [®], National Electrical Code [®] .~~

~~NEPA 72 [®], National Fire Alarm and Signaling Code [®] .~~

~~NEPA 73, Standard for Electrical Inspections for Existing Dwellings .~~

~~NEPA 101 [®], Life Safety Code [®] .~~

F.5.2 – Occasionally Used.

International Building Code

International Urban-Wildland Interface Code

~~NEPA 400, Hazardous Materials Code .~~

~~NEPA 400, Hazardous Materials Code .~~

~~NEPA 1123, Code for Fireworks Display .~~

~~NEPA 1124, Code for the Manufacture, Transportation, Storage, and Retail Sales of Fireworks and Pyrotechnic Articles .~~

F.5.3 – Rarely Used.

~~International Residential Code~~

~~International Mechanical Code~~

~~International Fuel Gas Code~~

~~International Code Council Performance Code for Buildings and Facilities~~

~~NEPA 301, Code for Safety to Life from Fire on Merchant Vessels -~~

~~NEPA 495, Explosive Materials Code -~~

~~NEPA 1122, Code for Model Rocketry -~~

~~NEPA 1125, Code for the Manufacture of Model Rocket and High Power Rocket Motors -~~

~~NEPA 1127, Code for High Power Rocketry -~~

F.5.4 – Informational Purposes.

~~International Property Maintenance Code~~

~~International Plumbing Code~~

~~NEPA 101A, Guide on Alternative Approaches to Life Safety -~~

~~NEPA 170, Standard for Fire Safety and Emergency Symbols -~~

~~NEPA 204, Standard for Smoke and Heat Venting -~~

~~NEPA 220, Standard on Types of Building Construction -~~

~~NEPA 221, Standard for High Challenge Fire Walls, Fire Walls, and Fire Barrier Walls -~~

~~NEPA 252, Standard Methods of Fire Tests of Door Assemblies -~~

~~NEPA 253, Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source -~~

~~NEPA 257, Standard on Fire Test for Window and Glass Block Assemblies -~~

~~NEPA 259, Standard Test Method for Potential Heat of Building Materials -~~

F.6 – Fire Protection System Installation Standards.

F.6.1 – Routinely Used.

- ~~NEPA 10, Standard for Portable Fire Extinguishers -~~
- ~~NEPA 11, Standard for Low-, Medium-, and High-Expansion Foam -~~
- ~~NEPA 12, Standard on Carbon Dioxide Extinguishing Systems -~~
- ~~NEPA 12A, Standard on Halon 1301 Fire Extinguishing Systems -~~
- ~~NEPA 13, Standard for the Installation of Sprinkler Systems -~~
- ~~NEPA 13D, Standard for the Installation of Sprinkler Systems in One and Two-Family Dwellings and Manufactured Homes -~~
- ~~NEPA 13R, Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies -~~
- ~~NEPA 14, Standard for the Installation of Standpipe and Hose Systems -~~
- ~~NEPA 17, Standard for Dry Chemical Extinguishing Systems -~~
- ~~NEPA 17A, Standard for Wet Chemical Extinguishing Systems -~~
- ~~NEPA 20, Standard for the Installation of Stationary Pumps for Fire Protection -~~
- ~~NEPA 22, Standard for Water Tanks for Private Fire Protection -~~
- ~~NEPA 24, Standard for the Installation of Private Fire Service Mains and Their Appurtenances -~~
- ~~NEPA 25, Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems -~~
- ~~NEPA 80, Standard for Fire Doors and Other Opening Protectives -~~
- ~~NEPA 80A, Recommended Practice for Protection of Buildings from Exterior Fire Exposures -~~
- ~~NEPA 96, Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations -~~
- ~~NEPA 2001, Standard on Clean Agent Fire Extinguishing Systems -~~

F.6.2 – Occasionally Used. (Reserved)**F.6.3** – Rarely Used.

- ~~NEPA 15, Standard for Water Spray Fixed Systems for Fire Protection -~~
- ~~NEPA 16, Standard for the Installation of Foam-Water Sprinkler and Foam-Water Spray Systems -~~
- ~~NEPA 18, Standard on Wetting Agents -~~
- ~~NEPA 408, Standard for Aircraft Hand Portable Fire Extinguishers -~~
- ~~NEPA 720, Standard for the Installation of Carbon Monoxide (CO) Detection and Warning Equipment -~~
- ~~NEPA 750, Standard on Water Mist Fire Protection Systems -~~

F.6.4 – Informational Purposes. (Reserved)**Additional Proposed Changes**

<u>File Name</u>	<u>Description Approved</u>
PI_No._14_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

The suggestions for updates to Annex E are pretty much self explanatory. Documents have been added to the codes and standard list from other promulgating bodies. Standards and Code from NFPA have also been added, relocated or deleted based on frequency of use by fire inspectors and plans examiners. Duplicate items within the major sections have also been deleted.

Related Public Inputs for This Document

<u>Related Input</u>	<u>Relationship</u>
<u>Public Input No. 45-NFPA 1030-2020 [Chapter F]</u>	

Submitter Information Verification

Submitter Full Name: Anthony Apfelbeck
Organization: Altamonte Springs Building/Fir
Street Address:
City:
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Submittal Date: Tue Sep 15 16:33:06 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: FR-55-NFPA 1030-2020

Statement: The technical committee evaluated the need and usefulness on the annex and decided to remove it.



Public Input No. 45-NFPA 1030-2020 [Chapter F]

Annex F – Frequency of Use of Standards (NFPA 1031)

This annex is not a part of the requirements of this NFPA document but is included for informational purposes only.

The committee has included the lists in Annex F as a reference to indicate the frequency of use of standards by users of NFPA 1030.

F.1 – Use/Occupancy Standards.

F.1.1 – Routinely Used.

~~NFPA 3, Recommended Practice for Commissioning and Integrated Testing of Fire Protection and Life Safety Systems .~~

~~NFPA 33, Standard for Spray Application Using Flammable or Combustible Materials .~~

~~NFPA 34, Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids .~~

~~NFPA 45, Standard on Fire Protection for Laboratories Using Chemicals .~~

~~NFPA 88A, Standard for Parking Structures .~~

~~NFPA 99, Health Care Facilities Code .~~

~~NFPA 102, Standard for Grandstands, Folding and Telescopic Seating, Tents, and Membrane Structures .~~

~~NFPA 232, Standard for the Protection of Records .~~

F.1.2 – Occasionally Used.

~~NFPA 32, Standard for Drycleaning Facilities .~~

~~NFPA 40, Standard for the Storage and Handling of Cellulose Nitrate Film .~~

~~NFPA 61, Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Processing Facilities .~~

~~NFPA 400, Hazardous Materials Code .~~

~~NFPA 501, Standard on Manufactured Housing .~~

~~NFPA 501A, Standard for Fire Safety Criteria for Manufactured Home Installations, Sites, and Communities .~~

~~NFPA 654, Standard for the Prevention of Fire and Dust Explosions from the Manufacturing, Processing, and Handling of Combustible Particulate Solids .~~

~~NFPA 820, Standard for Fire Protection in Wastewater Treatment and Collection Facilities .~~

~~NFPA 1192, Standard on Recreational Vehicles .~~

~~NFPA 1194, Standard for Recreational Vehicle Parks and Campgrounds .~~

F.1.3 – Rarely Used.

~~NEPA 36, Standard for Solvent Extraction Plants .~~

~~NEPA 51A, Standard for Acetylene Cylinder Charging Plants .~~

~~NEPA 59, Utility LP-Gas Plant Code .~~

~~NEPA 59A, Standard for the Production, Storage, and Handling of Liquefied Natural Gas (LNG) .~~

~~NEPA 99B, Standard for Hypobaric Facilities .~~

~~NEPA 120, Standard for Fire Prevention and Control in Coal Mines .~~

~~NEPA 122, Standard for Fire Prevention and Control in Metal/Nonmetal Mining and Metal Mineral Processing Facilities .~~

~~NEPA 140, Standard on Motion Picture and Television Production Studio Soundstages, Approved Production Facilities, and Production Locations .~~

~~NEPA 150, Standard on Fire and Life Safety in Animal Housing Facilities .~~

~~NEPA 214, Standard on Water-Cooling Towers .~~

~~NEPA 303, Fire Protection Standard for Marinas and Boatyards .~~

~~NEPA 307, Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves .~~

~~NEPA 312, Standard for Fire Protection of Vessels During Construction, Conversion, Repair, and Lay-Up .~~

~~NEPA 318, Standard for the Protection of Semiconductor Fabrication Facilities .~~

~~NEPA 400, Hazardous Materials Code .~~

~~NEPA 409, Standard on Aircraft Hangars .~~

~~NEPA 415, Standard on Airport Terminal Buildings, Fueling Ramp Drainage, and Loading Walkways .~~

~~NEPA 423, Standard for Construction and Protection of Aircraft Engine Test Facilities .~~

~~NEPA 484, Standard for Combustible Metals .~~

~~NEPA 502, Standard for Road Tunnels, Bridges, and Other Limited Access Highways .~~

~~NEPA 520, Standard on Subterranean Spaces .~~

~~NEPA 801, Standard for Fire Protection for Facilities Handling Radioactive Materials .~~

~~NEPA 804, Standard for Fire Protection for Advanced Light Water Reactor Electric Generating Plants .~~

~~NEPA 850, Recommended Practice for Fire Protection for Electric Generating Plants and High Voltage Direct Current Converter Stations .~~

~~NEPA 851, Recommended Practice for Fire Protection for Hydroelectric Generating Plants .~~

~~NEPA 909, Code for the Protection of Cultural Resource Properties — Museums, Libraries, and Places of Worship .~~

~~NEPA 914, Code for the Protection of Historic Structures .~~

F.1.4 – Informational Purposes.

~~NEPA 92, Standard for Smoke Control Systems .~~

~~NEPA 1141, Standard for Fire Protection Infrastructure for Land Development in Wildland, Rural, and Suburban Areas .~~

F.2 – Building Construction/Fire Test Standards.**F.2.1** – Routinely Used. (Reserved)

F.2.2 – Occasionally Used. (Reserved)**F.2.3** – Rarely Used. (Reserved)**F.2.4** – Informational Purposes.

NFPA 260, *Standard Methods of Tests and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture* .

NFPA 261, *Standard Method of Test for Determining Resistance of Mock-Up Upholstered Furniture Material Assemblies to Ignition by Smoldering Cigarettes* .

NFPA 262, *Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces* .

NFPA 265, *Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile or Expanded Vinyl Wall Coverings on Full Height Panels and Walls* .

NFPA 268, *Standard Test Method for Determining Ignitability of Exterior Wall Assemblies Using a Radiant Heat Energy Source* .

NFPA 269, *Standard Test Method for Developing Toxic Potency Data for Use in Fire Hazard Modeling* .

NFPA 270, *Standard Test Method for Measurement of Smoke Obscuration Using a Conical Radiant Source in a Single Closed Chamber* .

NFPA 285, *Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Wall Assemblies Containing Combustible Components* .

NFPA 496, *Standard for Purged and Pressurized Enclosures for Electrical Equipment* .

NFPA 497, *Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas* .

NFPA 499, *Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas* .

NFPA 550, *Guide to the Fire Safety Concepts Tree* .

NFPA 555, *Guide on Methods for Evaluating Potential for Room Flashover* .

NFPA 701, *Standard Methods of Fire Tests for Flame Propagation of Textiles and Films* .

NFPA 703, *Standard for Fire Retardant-Treated Wood and Fire-Retardant Coatings for Building Materials* .

NFPA 705, *Recommended Practice for a Field Flame Test for Textiles and Films* .

F.3 – Fire Hazard Control Standards.**F.3.1** – Routinely Used.

NFPA 51, *Standard for the Design and Installation of Oxygen-Fuel Gas Systems for Welding, Cutting, and Allied Processes* .

NFPA 51B, *Standard for Fire Prevention During Welding, Cutting, and Other Hot Work* .

NFPA 55, *Compressed Gases and Cryogenic Fluids Code* .

NFPA 241, *Standard for Safeguarding Construction, Alteration, and Demolition Operations* .

F.3.2 – Occasionally Used.

NFPA 286, *Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth* .

NFPA 1126, *Standard for the Use of Pyrotechnics Before a Proximate Audience* .

F.3.3 – Rarely Used.

NFPA 35, *Standard for the Manufacture of Organic Coatings* .

NFPA 53, *Recommended Practice on Materials, Equipment, and Systems Used in Oxygen-Enriched Atmospheres* .

NFPA 68, *Standard on Explosion Protection by Deflagration Venting* .

NFPA 69, *Standard on Explosion Prevention Systems* .

NFPA 70B, *Recommended Practice for Electrical Equipment Maintenance* .

NFPA 70E[®], *Standard for Electrical Safety in the Workplace[®]* .

NFPA 75, *Standard for the Fire Protection of Information Technology Equipment* .

NFPA 77, *Recommended Practice on Static Electricity* .

NFPA 160, *Standard for the Use of Flame Effects Before an Audience* .

NFPA 326, *Standard for the Safeguarding of Tanks and Containers for Entry, Cleaning, or Repair* .

NFPA 655, *Standard for Prevention of Sulfur Fires and Explosions* .

NFPA 780, *Standard for the Installation of Lightning Protection Systems* .

F.3.4 – Informational Purposes.

NFPA 115, *Standard for Laser Fire Protection* .

F.4 – Fire Service Standards.**F.4.1** – Mandatory.

NFPA 472, *Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents* .

F.4.2 – Routinely Used.

NFPA 1031, *Standard for Professional Qualifications for Fire Inspector and Plan Examiner* .

F.4.3 – Occasionally Used.

NFPA 1142, *Standard on Water Supplies for Suburban and Rural Fire Fighting* .

NFPA 1144, *Standard for Reducing Structure Ignition Hazards from Wildland Fire* .

F.4.4 – Rarely Used.

~~NEPA 13E, *Recommended Practice for Fire Department Operations in Properties Protected by Sprinkler and Standpipe Systems* .~~

~~NEPA 291, *Recommended Practice for Fire Flow Testing and Marking of Hydrants* .~~

~~NEPA 424, *Guide for Airport/Community Emergency Planning* .~~

~~NEPA 601, *Standard for Security Services in Fire Loss Prevention* .~~

~~NEPA 1000, *Standard for Fire Service Professional Qualifications Accreditation and Certification Systems* .~~

~~NEPA 1001, *Standard for Fire Fighter Professional Qualifications* .~~

~~NEPA 1002, *Standard for Fire Apparatus Driver/Operator Professional Qualifications* .~~

~~NEPA 1003, *Standard for Airport Fire Fighter Professional Qualifications* .~~

~~NEPA 1021, *Standard for Fire Officer Professional Qualifications* .~~

~~NEPA 1033, *Standard for Professional Qualifications for Fire Investigator* .~~

~~NEPA 1035, *Standard for Professional Qualifications for Fire and Life Safety Educator, Public Information Officer, and Juvenile Firesetter Intervention Specialist* .~~

~~NEPA 1041, *Standard for Fire and Emergency Services Instructor Professional Qualifications* .~~

~~NEPA 1051, *Standard for Wildland Fire Fighter Professional Qualifications* .~~

~~NEPA 1061, *Standard for Professional Qualifications for Public Safety Telecommunications Personnel* .~~

~~NEPA 1143, *Standard for Wildland Fire Management*~~

~~NEPA 1150, *Standard on Foam Chemicals for Fires in Class A Fuels* .~~

~~NEPA 1201, *Standard for Providing Fire and Emergency Services to the Public* .~~

~~NEPA 1221, *Standard for the Installation, Maintenance, and Use of Emergency Services Communications Systems* .~~

~~NEPA 1402, *Standard on Facilities for Fire Training and Associated Props* .~~

~~NEPA 1620, *Standard for Pre-Incident Planning* .~~

F.4.5 – Informational Purposes.

~~NEPA 704, *Standard System for the Identification of the Hazards of Materials for Emergency Response* .~~

~~NEPA 1452, *Guide for Training Fire Service Personnel to Conduct Community Risk Reduction for Residential Occupancies* .~~

~~NEPA 1500, *Standard on Fire Department Occupational Safety and Health Program* .~~

~~NEPA 1901, *Standard for Automotive Fire Apparatus* .~~

~~NEPA 1963, *Standard for Fire Hose Connections* .~~

F.4.6 – Not Applicable.

~~NEPA 329, Recommended Practice for Handling Releases of Flammable and Combustible Liquids and Gases .~~

~~NEPA 402, Guide for Aircraft Rescue and Fire-Fighting Operations .~~

~~NEPA 403, Standard for Aircraft Rescue and Fire-Fighting Services at Airports .~~

~~NEPA 405, Standard for the Recurring Proficiency of Airport Fire Fighters .~~

~~NEPA 412, Standard for Evaluating Aircraft Rescue and Fire-Fighting Foam Equipment .~~

~~NEPA 414, Standard for Aircraft Rescue and Fire-Fighting Vehicles .~~

~~NEPA 422, Guide for Aircraft Accident/Incident Response Assessment .~~

~~NEPA 473, Standard for Competencies for EMS Personnel Responding to Hazardous Materials/Weapons of Mass Destruction Incidents .~~

~~NEPA 600, Standard on Industrial Fire Brigades .~~

~~NEPA 921, Guide for Fire and Explosion Investigations .~~

~~NEPA 1006, Standard for Technical Rescuer Professional Qualifications .~~

~~NEPA 1071, Standard for Emergency Vehicle Technician Professional Qualifications .~~

~~NEPA 1145, Guide for the Use of Class A Foams in Manual Structural Fire Fighting .~~

~~NEPA 1401, Recommended Practice for Fire Service Training Reports and Records .~~

~~NEPA 1403, Standard on Live Fire Training Evolutions .~~

~~NEPA 1404, Standard for Fire Service Respiratory Protection Training .~~

~~NEPA 1405, Guide for Land-Based Fire Departments That Respond to Marine Vessel Fires .~~

~~NEPA 1410, Standard on Training for Initial Emergency Scene Operations .~~

~~NEPA 1451, Standard for a Fire and Emergency Service Vehicle Operations Training Program .~~

~~NEPA 1561, Standard on Emergency Services Incident Management System .~~

~~NEPA 1581, Standard on Fire Department Infection Control Program .~~

~~NEPA 1582, Standard on Comprehensive Occupational Medical Program for Fire Departments .~~

~~NEPA 1583, Standard on Health-Related Fitness Programs for Fire Department Members .~~

~~NEPA 1600, Standard on Continuity, Emergency, and Crisis Management .~~

~~NEPA 1670, Standard on Operations and Training for Technical Search and Rescue Incidents .~~

~~NEPA 1901, Standard for Automotive Fire Apparatus .~~

~~NEPA 1906, Standard for Wildland Fire Apparatus .~~

~~NEPA 1911, Standard for the Inspection, Maintenance, Testing, and Retirement of In-Service Automotive Fire Apparatus .~~

~~NEPA 1925, Standard on Marine Fire-Fighting Vessels .~~

~~NEPA 1931, Standard for Manufacturer's Design of Fire Department Ground Ladders .~~

~~NEPA 1932, Standard on Use, Maintenance, and Service Testing of In-Service Fire Department Ground Ladders .~~

~~NEPA 1936, Standard on Rescue Tools .~~

~~NEPA 1961, Standard on Fire Hose .~~

~~NEPA 1962, Standard for the Care, Use, Inspection, Service Testing, and Replacement of Fire Hose, Couplings, Nozzles, and Fire Hose Appliances .~~

~~NEPA 1964, Standard for Spray Nozzles .~~

~~NFPA 1971, Standard on Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting .~~

~~NFPA 1975, Standard on Emergency Services Work Apparel .~~

~~NFPA 1977, Standard on Protective Clothing and Equipment for Wildland Fire Fighting .~~

~~NFPA 1981, Standard on Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services .~~

~~NFPA 1982, Standard on Personal Alert Safety Systems (PASS) .~~

~~NFPA 1983, Standard on Life Safety Rope and Equipment for Emergency Services .~~

~~NFPA 1991, Standard on Vapor-Protective Ensembles for Hazardous Materials Emergencies .~~

~~NFPA 1992, Standard on Liquid Splash-Protective Ensembles and Clothing for Hazardous Materials Emergencies .~~

~~NFPA 1999, Standard on Protective Clothing for Emergency Medical Operations .~~

F.5 – Model Codes.

F.5.1 – Routinely Used.

~~NFPA 1, Fire Code .~~

~~NFPA 30, Flammable and Combustible Liquids Code .~~

~~NFPA 30A, Code for Motor Fuel Dispensing Facilities and Repair Garages .~~

~~NFPA 30B, Code for the Manufacture and Storage of Aerosol Products .~~

~~NFPA 54, National Fuel Gas Code .~~

~~NFPA 58, Liquefied Petroleum Gas Code .~~

~~NFPA 70[®], National Electrical Code[®] .~~

~~NFPA 72[®], National Fire Alarm and Signaling Code[®] .~~

~~NFPA 73, Standard for Electrical Inspections for Existing Dwellings .~~

~~NFPA 101[®], Life Safety Code[®] .~~

F.5.2 – Occasionally Used.

~~NFPA 400, Hazardous Materials Code .~~

~~NFPA 1123, Code for Fireworks Display .~~

~~NFPA 1124, Code for the Manufacture, Transportation, Storage, and Retail Sales of Fireworks and Pyrotechnic Articles .~~

F.5.3 – Rarely Used.

~~NFPA 301, Code for Safety to Life from Fire on Merchant Vessels .~~

~~NFPA 495, Explosive Materials Code .~~

~~NFPA 1122, Code for Model Rocketry .~~

~~NFPA 1125, Code for the Manufacture of Model Rocket and High Power Rocket Motors .~~

~~NFPA 1127, Code for High Power Rocketry .~~

F.5.4 – Informational Purposes.

~~NEPA 101A, *Guide on Alternative Approaches to Life Safety* .~~

~~NEPA 170, *Standard for Fire Safety and Emergency Symbols* .~~

~~NEPA 204, *Standard for Smoke and Heat Venting* .~~

~~NEPA 220, *Standard on Types of Building Construction* .~~

~~NEPA 221, *Standard for High Challenge Fire Walls, Fire Walls, and Fire Barrier Walls* .~~

~~NEPA 252, *Standard Methods of Fire Tests of Door Assemblies* .~~

~~NEPA 253, *Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source* .~~

~~NEPA 257, *Standard on Fire Test for Window and Glass Block Assemblies* .~~

~~NEPA 259, *Standard Test Method for Potential Heat of Building Materials* .~~

F.6 – Fire Protection System Installation Standards.**F.6.1** – Routinely Used.

~~NEPA 10, *Standard for Portable Fire Extinguishers* .~~

~~NEPA 11, *Standard for Low-, Medium-, and High-Expansion Foam* .~~

~~NEPA 12, *Standard on Carbon Dioxide Extinguishing Systems* .~~

~~NEPA 12A, *Standard on Halon 1301 Fire Extinguishing Systems* .~~

~~NEPA 13, *Standard for the Installation of Sprinkler Systems* .~~

~~NEPA 13D, *Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes* .~~

~~NEPA 13R, *Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies* .~~

~~NEPA 14, *Standard for the Installation of Standpipe and Hose Systems* .~~

~~NEPA 17, *Standard for Dry Chemical Extinguishing Systems* .~~

~~NEPA 17A, *Standard for Wet Chemical Extinguishing Systems* .~~

~~NEPA 20, *Standard for the Installation of Stationary Pumps for Fire Protection* .~~

~~NEPA 22, *Standard for Water Tanks for Private Fire Protection* .~~

~~NEPA 24, *Standard for the Installation of Private Fire Service Mains and Their Appurtenances* .~~

~~NEPA 25, *Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems* .~~

~~NEPA 80, *Standard for Fire Doors and Other Opening Protectives* .~~

~~NEPA 80A, *Recommended Practice for Protection of Buildings from Exterior Fire Exposures* .~~

~~NEPA 96, *Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations* .~~

~~NEPA 2001, *Standard on Clean Agent Fire Extinguishing Systems* .~~

F.6.2 – Occasionally Used. (Reserved)

F.6.3 – Rarely Used.

~~NEPA 15, Standard for Water Spray Fixed Systems for Fire Protection .~~

~~NEPA 16, Standard for the Installation of Foam-Water Sprinkler and Foam-Water Spray Systems .~~

~~NEPA 18, Standard on Wetting Agents .~~

~~NEPA 408, Standard for Aircraft Hand Portable Fire Extinguishers .~~

~~NEPA 720, Standard for the Installation of Carbon Monoxide (CO) Detection and Warning Equipment .~~

~~NEPA 750, Standard on Water Mist Fire Protection Systems .~~

F.6.4 – Informational Purposes. (Reserved)

Additional Proposed Changes

<u>File Name</u>	<u>Description Approved</u>
PI_No._16_-_1031.pdf	

Statement of Problem and Substantiation for Public Input

This PI is an alternative approach to PI 14. The need and value for the TC to maintain Annex E as part of 1031 is questionable. I am unsure as to what purpose a user would need to apply this information. However, is there is a need, please utilize PI 14. If there is no need, please delete Annex E.

Related Public Inputs for This Document

<u>Related Input</u>	<u>Relationship</u>
Public Input No. 44-NFPA 1030-2020 [Chapter F]	

Submitter Information Verification

Submitter Full Name: Anthony Apfelbeck
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Street Address:
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Submittal Date: Tue Sep 15 16:47:52 EDT 2020
Committee: PQU-FIS

Committee Statement

Resolution: [FR-55-NFPA 1030-2020](#)

Statement: The technical committee evaluated the need and usefulness on the annex and decided to remove it.