

NFPA 1550: 2024 Edition, Chapter 4 Health and Safety Officer

Below please find what has been previously approved by the Committee on Accreditation (COA) for this level of certification. This example does not take into consideration “Document Review”, “Portfolio”, or “Other testing methods.”

If your agency selects completing their online Assessment Methodology Matrix (AMM) utilizing these test methods, our Technical Analysts may place your application under a COA meeting consent agenda bypassing the usual COA review.

The spaces identified below with an “X” must be replaced with the appropriate cognitive test item numbers (e.g. Questions 1,4,6,7,9, etc.) or the score sheet numbers under Product, Psychomotor/Process methods as score sheet numbers (e.g.- SS 101, 202, and 304, etc.).

	Knowledge-Based Assessments		Performance-Based Assessments	
	(graded after submission)		(graded in real-time as they are performed)	
Section	Cognitive (e.g. Multiple Choice, Short Answer, Discretionary Time with Resources)	Product (e.g., document or develop a budget, proposal, lesson plan)	Psychomotor (Primarily an observable physical task. e.g., don, doff)	Process (Primarily a mental or verbalized task. e.g., inspect)
4.3.1*	Develop an organizational risk management plan that addresses the risks specified in Chapter 6, given injury reports, vehicle incident reports, near-miss or equipment malfunction or failure reports, and other reports as determined by the AHJ, so that risks are identified, categorized, and control measures are implemented and monitored.			
4.3.1		X		
(A) Requisite Knowledge.				
Standard operating procedures/guidelines (SOP/Gs), regulations and standards as determined by AHJ; fire behavior, building construction, proper use and performance limitations of protective clothing and protective equipment; national and local injury and health data.				
4.3.1 (A)	X			
(B) Requisite Skills.				
Ability to identify risks; develop goals, objectives, and action plans to manage those risks; analyze data; perform cost-benefit analysis.				
4.3.1 (B)		X		
4.3.2*	Manage an organizational risk management plan, given an organization, organizational activities, a risk management plan and a communications method for distributing the plan, so that the plan is communicated to the members of the organization, elements of the plan are integrated into the organizational operation, needed modifications are identified, and the modifications are implemented.			
4.3.2		X		

(A) Requisite Knowledge.

SOP/Gs, regulations and standards as determined by the AHJ; fire behavior, building construction, proper use and performance limitations of protective clothing and protective equipment, hazards associated with various types of emergency and nonemergency locations; national and local injury and health statistics; and communications methods used by the AHJ.

4.3.2 (A)

X

(B) Requisite Skills.

Ability to identify risks, develop goals, objectives, and action plans to manage those risks; perform cost-benefit analysis; compile and analyze data, obtain feedback from personnel, and observe performance and behavior changes; revise plans and communicate the revisions.

4.3.2 (B)

X

4.3.3*

Implement safety provisions of the organization's risk management plan into training and education programs, given an organizational risk management plan, a training or education program, and organizational goals and objectives, so that the organization's risk management program is incorporated into the training and education programs, records are maintained, and the training and education programs meet the stated operational safety goals and objectives for emergency and nonemergency incidents.

4.3.3

X

X

(A) Requisite Knowledge.

AHJ risk management plan; data analysis from AHJ safety and incident reports; local, state, and federal safety programs; organizations with safety programs; outreach sources available from professional organizations for safety development programs; risks associated with administration, facilities, training, vehicle operations (both emergency and nonemergency); proper use and performance limitations of protective clothing and protective equipment; operations at emergency incidents, operations at nonemergency incidents, and other related activities.

4.3.3 (A)

X

(B) Requisite Skills.

Ability to educate and integrate health and safety aspects of the risk management program into training and education programs; risk identification, risk evaluation, establishment of priorities for action (frequency and severity), risk control techniques, and risk management monitoring (process and outcome evaluations).

4.3.3 (B)

X

X

4.3.4*

Develop an operational risk management plan given the requirements of Chapter 10, so that an incident management system (IMS) that meets the requirements of Chapters 17 through 21 is established with written SOP applying to all members involved in emergency operations.

4.3.4

X

(A) Requisite Knowledge.

IMS for the AHJ; Chapters 17 through 21 of this standard; Homeland Security Presidential Directive 5 (National Incident Management System) and Presidential Policy Directive 8 (National Response Framework); other applicable federal, state, and local regulations and applicable NFPA standards.

4.3.4 (A)

X

(B) Requisite Skills.

Utilize the IMS at all emergency incidents, drills, and exercises; management of the incident and the safety of all members involved at the scene by the IC; divide the incident into tactical-level management components as incidents escalate in size and complexity, assign an ISO to assess the incident scene for hazards or potential

hazards; establish the organization of the command staff and general staff to control the position and function of all members operating at the scene and to ensure that safety requirements are satisfied.

4.3.4 (B)

X

4.3.5

Develop a plan for the treatment and transport of an injured or ill member to a medical or health care facility, given applicable resources, policies and procedures, and SOP/Gs, so that the procedure ensures that all members with life-threatening and non-life-threatening occupational injuries, illnesses, and exposures will receive immediate emergency medical care and, if necessary, transportation to the most appropriate medical or health care facility.

4.3.5

X

(A) Requisite Knowledge.

SOP/Gs and health and safety policies used by the AHJ; life-threatening and non-life-threatening occupational injuries, and illnesses; and the technical knowledge necessary to develop and review SOP/Gs and EMS policy and procedures.

4.3.5 (A)

X

(B) Requisite Skills.

The ability to determine the level of care needed if a member becomes ill or injured; and develop SOP/Gs for transportation of injured members.

4.3.5 (B)

X

4.4.1

Establish SOP/Gs for an occupational health and safety program, given an organization, applicable laws, codes, and standards, an established SOP/Gs template, so that the information is in a presentable format for fire department official review and adoption, the procedures and guidelines comply with applicable laws, codes, and standards, and the SOPs/Gs are reviewed and revised, as needed.

4.4.1

X

(A) Requisite Knowledge.

Applicable health and safety laws, codes, and standards pertaining to the fire service; standardized format or template for writing SOP/Gs; criteria to determine effectiveness of fire department operations and training practices; and a list of required safety subjects to address, including selection criteria.

4.4.1 (A)

X

(B) Requisite Skills.

Writing and critical thinking skills; ability to understand health and safety laws, codes, and standards pertaining to the fire service; and transcribe applicable material into SOP/Gs.

4.4.1 (B)

X

4.4.2*

Assess and report the adequacy and effectiveness of compliance with occupational health and safety SOP/Gs, given access to current state/provincial and federal safety and health legislation, codes, regulations, and standards and a thorough knowledge of organizational operations, policies and training, so that accurate information on fire department compliance with the applicable laws, codes, standards, and SOP/Gs is communicated to the AHJ.

4.4.2

X

(A) Requisite Knowledge.

Applicable laws, codes, and standards pertaining to the fire service, fire department SOP/Gs, and a method for evaluating compliance.

4.4.2 (A)	X		
(B) Requisite Skills.			
Writing and critical thinking skills; ability to understand health and safety laws, codes, and standards pertaining to the fire service; and communicate the information.			
4.4.2 (B)		X	
4.5.1			
Develop and distribute health and safety information for the education of fire department members, given Chapters 6 through 16 of this standard, SOP/Gs, and health and safety policies used by the AHJ, and a means for conveying clear, concise, and correct information to update and train members.			
4.5.1		X	X
(A) Requisite Knowledge.			
SOP/Gs, health and safety policies used by the AHJ; Chapters 6 through 16 of this standard; AHJ codes, standards, and regulations that relate to the fire department occupational safety and health program.			
4.5.1 (A)	X		
(B) Requisite Skills.			
Analyze information from different data sources; interpersonal and organizational interaction; use various means to communicate information.			
4.5.1 (B)		X	X
4.5.2			
Implement the training and education of fire department members on the organization's health and safety procedures and Chapters 6 through 16 of this standard, given Chapters 6 through 16, SOP/Gs, and health and safety policies used by the AHJ, so that all emergency and nonemergency functions are evaluated, level of compliance is documented and communicated to the appropriate person(s).			
4.5.2		X	X
(A) Requisite Knowledge.			
SOP/Gs and health and safety policies used by the AHJ; Chapters 6 through 16 of this standard; AHJ codes, standards, and regulations that relate to the fire department occupational safety and health program.			
4.5.2 (A)	X		
(B) Requisite Skills.			
Analyze information from different data sources; interpersonal and organizational interaction; use various means to communicate information.			
4.5.2 (B)		X	X
4.5.3			
Develop a safety procedure for live fire training exercises, given a list of live training evolutions utilized by the AHJ, instruction plans for live fire training exercises, and NFPA 1403, so that safety procedures for instructors and students are documented, and the requirements of NFPA 1403 are met.			
4.5.3		X	
(A) Requisite Knowledge.			
SOP/Gs and health and safety policies used by the AHJ; live training evolutions used by the AHJ; life-threatening and non-life-threatening occupational injuries and illnesses; requirements of NFPA 1403.			
4.5.3 (A)	X		

(B) Requisite Skills.			
Ability to develop SOP/Gs; use resources for determining code compliance; complete reporting and documentation requirements.			
4.5.3 (B)		X	
4.6.1*			
Manage a fire department accident prevention program by utilizing engineering controls, administrative policies and procedures, education, protective clothing and protective equipment, given the fire department's risk management plan, accident, occupational injury, and occupational illnesses data, and reports on department functions, so that the program meets the requirements of Section 4.3, the work practices are identified, and recommendations are communicated to the appropriate person(s).			
4.6.1		X	X
(A) Requisite Knowledge.			
Understand the necessary components of a fire department accident prevention program; proper use and performance limitations of protective clothing and protective equipment; procedures for developing recommendations based on fire department audits, incident reports, surveys, accident reports, occupational injury reports, inspection reports, and other applicable department information.			
4.6.1 (A)	X		
(B) Requisite Skills.			
Analyze the components necessary to be included in a fire department accident prevention program based on the requirements of Section 4.3. Analyze information from different sources; interact with or interview personnel associated with fire department operations, apparatus, equipment, fire department facilities, and SOP/Gs.			
4.6.1 (B)		X	X
4.6.2*			
Implement training for safe work practices on emergency and nonemergency operations, given a risk management plan, SOP/Gs, and a training curriculum, so that the training class is delivered and members are given the necessary information to perform their job tasks in accordance with the risk management plan.			
4.6.2		X	X
(A) Requisite Knowledge.			
Procedures for conducting job task analysis based on department SOP/Gs, the department's risk management plan, health and safety policies used by the AHJ, and the technical knowledge necessary to perform various job tasks.			
4.6.2 (A)	X		
(B) Requisite Skills.			
Analyze information from different sources; interact with or interview personnel involved in the training of department members; and understand delivery methods of instructional materials.			
4.6.2 (B)		X	X
4.6.3			
Develop an emergency vehicle safety program, given fire department SOP/Gs, applicable traffic laws, and an emergency vehicle operator manual, so that applicable SOP/Gs are communicated to members.			
4.6.3		X	X
(A) Requisite Knowledge.			
Procedures for driving and operating fire apparatus based on department SOP/Gs, health and safety policies used by the AHJ, applicable traffic laws, and NFPA 1451.			

4.6.3 (A)	X		
(B) Requisite Skills.			
Analyze information from different sources; interact with or interview personnel involved in the training of department members; and understand delivery methods of instructional materials.			
4.6.3 (B)		X	X
4.6.4*			
Conduct a periodic safety audit, given Chapters 6 through 16 of this standard, fire department operations, apparatus, equipment, facilities, training and education programs, SOP/Gs, and an audit template, so that work practices and procedures are conducted in compliance with applicable federal, state/provincial, and local laws, codes and standards; and the safety audit report and recommendations are communicated to the appropriate person(s).			
4.6.4		X	X
(A) Requisite Knowledge.			
Work practices and procedures for fire department operations, apparatus, equipment, training, and fire department facilities based on SOP/Gs, Chapters 6 through 16 of this standard, audit template, and federal, state/provincial, local laws, and codes and standards.			
4.6.4 (A)	X		
(B) Requisite Skills.			
Analyze information from different sources; interact with or interview personnel involved in the training of department members; document information, utilizing an audit template, and develop reports.			
4.6.4 (B)		X	X
4.7.1			
Conduct a safety and health investigation, given an incident or planned event involving an occupational injury, illness, exposure, fatality, near miss, or other potentially hazardous condition involving fire department members, fire department vehicles, apparatus, equipment or facilities, SOP/Gs, health and safety policies, so that the facts and the root cause of the incident are correctly identified, deviations from SOP/Gs established by the AHJ and health and safety policies are noted, recommendations are made for preventing similar losses in the future, and all information gathered in the investigation is documented, reported, and recorded according to policies established by the AHJ.			
4.7.1		X	X
(A) Requisite Knowledge.			
Procedures for conducting, documenting, recording, and reporting a safety and health investigation; SOP/Gs and health and safety policies used by the AHJ; procedures for preserving evidence and documentation; and the technical knowledge pertinent to the incident under investigation, and federal, state/provincial, and local laws.			
4.7.1 (A)	X		
(B) Requisite Skills.			
Analyze information from different data sources; conduct root cause analysis; interact with or interview personnel associated with the incident; complete safety investigation documentation; identify cause(s) of injury, death, or property damage; and develop recommendations to prevent similar losses in the future.			
4.7.1 (B)		X	X
4.7.2			
Develop a policy for reporting accident and injury investigations, given an incident or planned event, applicable documents, techniques, SOP/Gs, and all applicable laws, regulations, and standards, so that the accident and/or			

injury is documented, procedures are reviewed, and all local, state/provincial, and federal requirements are met, documentation is completed, and recommendations for revision are made.

4.7.2		X	X
-------	--	----------	----------

(A) Requisite Knowledge.

Procedures for developing and reviewing accident and injury reporting and investigation; SOP/Gs and health and safety policies used by the AHJ; all applicable federal, state/provincial, and local laws, regulations, and standards.

4.7.2 (A)	X		
-----------	----------	--	--

(B) Requisite Skills.

Analyze information from different data sources; interact with or interview personnel associated with the incident, often under conditions of personal stress; complete safety investigation documentation; identify cause(s) of injury, death, or property damage; and develop recommendations to prevent similar losses in the future.

4.7.2 (B)		X	X
-----------	--	----------	----------

4.7.3

Establish procedures for a health and safety component of a post-incident analysis, given an incident or planned event, incident information, data, reports or records, SOP/Gs, necessary technical knowledge, and all applicable laws, regulations, and standards, so that risks to personnel are identified and reduced or eliminated at future incidents, and the applicable AHJ SOP/Gs are reviewed and revised as needed.

4.7.3		X	
-------	--	----------	--

(A) Requisite Knowledge.

Knowledge of applicable hazards related to the incident; Chapters 6 through 21 of this standard; NFPA 1584; SOP/Gs and health and safety policies used by the AHJ; all applicable federal, state/provincial, and local laws, regulations, and standards.

4.7.3 (A)	X		
-----------	----------	--	--

(B) Requisite Skills.

Recognize hazards at an emergency scene; determine methods for correcting health and safety hazards; analyze information from different data sources; interact with or interview personnel; write SOP/Gs.

4.7.3 (B)		X	
-----------	--	----------	--

4.7.4* Coordinate the development of a corrective action plan, given a team, a list of recommendations arising from the investigation of occupational accidents, injuries, deaths, illnesses, exposures, observation of incident scene activities, and departmental policies and procedures, so that root causes are determined, the plan is documented, and controls are implemented according to departmental policies and procedures.

4.7.4		X	X
-------	--	----------	----------

(A) Requisite Knowledge.

Applicable federal, state, and local laws, standards, and regulations; SOP/Gs and health and safety policies used by the AHJ; life-threatening and non-life-threatening occupational injuries and illnesses; procedures for conducting, documenting, recording, and reporting a safety and health investigation; procedures for preserving evidence and documentation; and the technical knowledge pertinent to the incident(s) under investigation.

4.7.5 (A)	X		
-----------	----------	--	--

(B) Requisite Skills.

Analyze information from different data sources; interact with or interview personnel associated with the incident, often under conditions of personal stress; complete safety investigation documentation; identify cause(s) of injury, death, or property damage; and develop recommendations to prevent similar losses in the future.

4.7.5 (B)		X	X
-----------	--	----------	----------

4.8.1			
Manage the collection and analysis of data related to accidents, occupational deaths, injuries, illnesses, and exposures to infectious agents and communicable diseases, given incident-related data, a data collection and storage system, the requirements of Chapter 6 of this standard, so that the data summarizes fire department experience in different categories, comparisons can be made with other fire departments, national trends, and other occupations and industries, and the information can be accessed for future reference and use.			
4.8.1		X	
(A) Requisite Knowledge.			
Procedures for tabulating and compiling accident and injury data, including statistical applications, national statistical and investigative reports, Chapters 6 through 16 of this standard, SOP/Gs, and health and safety policies used by the AHJ.			
4.8.1 (A)	X		
(B) Requisite Skills.			
Basic statistical analysis in spreadsheets or other appropriate software; identify cause(s) and trends in injury, death, or property damage; and determine corrections to prevent similar losses in the future.			
4.8.1 (B)		X	
4.8.2			
Verify records are maintained regarding the periodic inspection and service testing of fire apparatus and equipment, inspection and service testing of protective clothing and protective equipment, and fire department facilities, given Chapters 6 through 16 of this standard, inspection and service testing records for fire apparatus, equipment, and protective clothing and protective equipment, so that records are secure, accessible, and in a format that can be easily analyzed.			
4.8.2		X	
(A) Requisite Knowledge.			
Procedures for management of records, Chapters 6 through 16 of this standard, all applicable federal, state/provincial, and local laws, regulations, and standards.			
4.8.2 (A)	X		
(B) Requisite Skills.			
Records management and organization.			
4.8.2 (B)		X	
4.8.3			
Maintain records of corrective actions taken to mitigate health and safety hazards or unsafe practices, given evidence of corrective actions implemented, so that records of corrective actions are accessible and in a format that is appropriate for analysis.			
4.8.3		X	
(A) Requisite Knowledge.			
Procedures for management of records.			
4.8.3 (A)	X		
(B) Requisite Skills.			
Records management and organization.			
4.8.3 (B)		X	

4.8.4			
Develop a report on fire department accidents, occupational injuries, illnesses, deaths, and exposures, given the accident and injury data and necessary equipment, so that the report, which may include recommendations, is communicated to the appropriate person(s).			
4.8.4		X	X
(A) Requisite Knowledge.			
Procedures for developing reports and recommendations based on fire department audits, incident reports, surveys, accident reports, injury reports, inspection reports, and other applicable department information.			
4.8.4 (A)	X		
(B) Requisite Skills.			
Analyze information from different sources; interact with or interview personnel associated with fire department operations, apparatus, equipment, fire department facilities, and SOP/Gs; basic statistical analysis in spreadsheets or other appropriate software; identify cause(s) and trends in injury, death, or property damage; and develop recommendations to prevent similar losses in the future.			
4.8.4 (B)		X	X
4.9.1			
Recommend safety-related specifications for fire apparatus and fire equipment, given new or existing fire apparatus and fire equipment specifications, information on new fire apparatus and fire equipment technology, and risks identified in the risk management plan, so that the specifications meet the fire department needs identified in the risk management plan, and federal, state/provincial, local laws, and NFPA standards are complied with, and the specifications are documented.			
4.9.1		X	
(A) Requisite Knowledge.			
Chapter 8 of this standard; federal, state/provincial, and local laws that relate to fire apparatus specifications; new fire apparatus and fire equipment technology, and current fire apparatus specification procedures.			
4.9.1 (A)	X		
(B) Requisite Skills.			
Ability to develop safety-related fire apparatus and equipment specifications; determine compliance with federal, state/provincial, and local laws that relate to fire apparatus and equipment specifications.			
4.9.1 (B)		X	
4.9.2			
Recommend safety-related specifications for protective clothing and protective equipment, given new or existing protective clothing and protective equipment specifications, new protective clothing and protective equipment technology, and risks identified in the risk management plan, so that the specifications meet the fire department needs identified in the risk management plan, federal, state/provincial, local laws, and NFPA standards are complied with, and the specifications are documented.			
4.9.2		X	
(A) Requisite Knowledge.			
Chapter 9 of this standard, federal, state/provincial, and local laws that relate to fire equipment specifications; current protective clothing and protective equipment specification procedures; current state of technology in the appropriate areas of protective clothing and protective equipment; procedures, training, equipment, and safety precautions for use of protective clothing and protective equipment; the organization's risk management plan.			
4.9.2 (A)	X		

(B) Requisite Skills.

Ability to develop safety-related protective clothing and equipment specifications; determine compliance with federal, state/provincial, and local laws related to protective clothing and protective equipment.

4.9.2 (B)

X

4.9.3

Verify performance testing of fire apparatus and fire equipment is being conducted, given performance testing requirements, applicable provisions of Chapter 8 of this standard, so that a determination can be made for the suitability of continued service.

4.9.3

X

(A) Requisite Knowledge.

Chapter 8 of this standard, federal, state/provincial, and local laws that relate to performance testing of apparatus and equipment; current apparatus and equipment service testing procedures and results.

4.9.3 (A)

X

(B) Requisite Skills.

Ability to verify service testing of apparatus and equipment; determine compliance with federal, state/provincial, and local laws.

4.9.3 (B)

X

4.9.4

Verify the development of an annual evaluation plan for the organization's in-service fire and emergency vehicles, given the organization's emergency vehicles and current NFPA minimum vehicle safety standards, so that a plan to retire, refurbish, or replace them based on the requirements in NFPA 1910 is developed and implemented.

4.9.4

X

(A) Requisite Knowledge.

NFPA 1900 and NFPA 1910.

4.9.4 (A)

X

(B) Requisite Skills.

Ability to identify safety-related features on fire and emergency vehicles and verify whether they are in compliance with NFPA standards.

4.9.4 (B)

X

4.9.5

Verify the development of an annual evaluation plan for the organization's in-service fire and emergency vehicles, given the organization's emergency vehicles and current NFPA minimum vehicle safety standards, so that a plan to retire, refurbish, or replace them based on the recommendations in Annex D of NFPA 1900 and NFPA 1910 is developed and implemented.

4.9.5

X

(A) Requisite Knowledge.

NFPA 1900 and NFPA 1910.

4.9.5 (A)

X

(B) Requisite Skills.

Ability to identify safety-related features on fire and emergency vehicles and verify whether they are in compliance with NFPA standards.			
4.9.5 (B)		X	
4.9.6			
Verify the development, implementation, and maintenance of a protective clothing and protective equipment program that provides for the selection, care, maintenance, storage, and periodic inspection and evaluation of all protective clothing and equipment; given Chapters 6 through 16 of this standard, protective clothing and protective equipment, care, storage, and maintenance resources, SOP/Gs established by the AHJ, and all applicable laws, regulations, and standards, so that a determination can be made for the suitability of continued service.			
4.9.6		X	
(A) Requisite Knowledge.			
Chapter 9 of this standard, and federal, state/provincial, and local laws that relate to protective clothing and equipment programs.			
4.9.6 (A)	X		
(B) Requisite Skills.			
Ability to develop a protective clothing and protective equipment program; determine compliance with federal, state/provincial, and local laws.			
4.9.6 (B)		X	
4.10.1*			
Develop a health and safety facility inspection SOP/G, process, and checklist for a fire department facility, given the requirements of Chapter 12 of this standard, and available resources, so that the appropriate inspection procedures are developed, and safety and health hazards are noted in accordance with all applicable laws, regulations, and standards.			
4.10.1		X	X
(A) Requisite Knowledge.			
Chapter 12 of this standard, federal, state/provincial, and local laws; current facility inspection procedures; resources for conducting a facility inspection; procedures, equipment, and safety precautions for conducting facility inspections.			
4.10.1 (A)	X		
(B) Requisite Skills.			
Develop SOP/Gs and procedures; acquire resources to initiate and coordinate a facility inspection; use resources for determining code compliance; complete reporting and documentation requirements; and understand and comply with all applicable laws, regulations, and standards.			
4.10.1 (B)		X	X
4.10.2*			
Conduct a health and safety inspection for a fire department facility, given the requirements of Chapter 12 of this standard, a facility that requires an inspection, and available resources, so that the appropriate inspection procedures are selected and implemented in accordance with all applicable laws, regulations, and standards, the inspection is conducted safely, all the required reports are completed; and ensure the violations are corrected.			
4.10.2		X	
(A) Requisite Knowledge.			

Chapter 12 of this standard, federal, state/provincial, and local laws; current facility inspection procedures; resources for conducting a facility inspection; procedures, equipment, and safety precautions for conducting facility inspections.			
4.10.2 (A)	X		
(B) Requisite Skills.			
Use resources to determine code compliance; complete reporting and documentation requirements; and understand and comply with all applicable laws, regulations, and standards.			
4.10.2 (B)		X	
4.11.1			
Analyze the fire department health maintenance program, given a fire department health maintenance program and the medical and physical requirements of Chapter 13 of this standard, so that the program includes medical, physical performance, and health and fitness requirements, as well as a health database, infectious control procedures, a fire department physician, and fitness for duty evaluations; and recommendations are made to correct any noted deficiencies.			
4.11.1		X	X
(A) Requisite Knowledge.			
Chapters 13, 14, and 15 of this standard; AHJ codes, standards, and regulations that relate to the fire department health maintenance program; fire department health maintenance program; medical surveillance, wellness programs, physical fitness, nutrition, and injury and illness rehabilitation programs; resources for conducting a fire department health maintenance program; procedures, equipment, and safety precautions for the fire department health maintenance program.			
4.11.1 (A)	X		
(B) Requisite Skills.			
Analyze and incorporate information from health maintenance programs; interact with or interview personnel associated with health and wellness.			
4.11.1 (B)		X	X
4.11.2			
Coordinate the fire department health maintenance program, given a fire department health maintenance program and the medical and physical requirements of Chapter 13 of this standard, so that the program includes medical, physical performance, and health and fitness requirements, as well as a health database, infectious control procedures, a fire department physician, and fitness for duty evaluations; and recommendations are made to correct any noted deficiencies.			
4.11.2		X	X
(A) Requisite Knowledge.			
Chapters 13, 14, and 15 of this standard; AHJ codes, standards, and regulations that relate to the fire department health maintenance program; fire department health maintenance program; medical surveillance, wellness programs, physical fitness, nutrition, and injury and illness rehabilitation programs; resources for conducting a fire department health maintenance program; procedures, equipment, and safety precautions for the fire department health maintenance program.			
4.11.2 (A)	X		
(B) Requisite Skills.			
Analyze and incorporate information from health maintenance programs; interact with or interview personnel associated with health and wellness.			
4.11.2 (B)		X	X

4.12.1			
Communicate recommendations from the fire department occupational health and safety committee to the appropriate person(s), given SOP/Gs and health and safety policies used by the AHJ, a fire department occupational health and safety committee, and committee recommendations, so that all recommendations are documented and forwarded to the appropriate person(s).			
4.12.1		X	
(A) Requisite Knowledge.			
SOP/Gs and health and safety policies used by the AHJ; Chapters 6 through 16 of this standard; AHJ codes, standards, and regulations that relate to the fire department occupational safety and health committee.			
4.12.1 (A)	X		
(B) Requisite Skills.			
Evaluate recommendations and communicate them in a manner such that recommendations and objectives are met.			
4.12.1 (B)		X	
4.12.2			
Provide information and assistance to personnel for surveying their districts regarding potential health and safety hazards, given a scenario, the fire department's risk management plan, and SOP/Gs, so that they will be able to identify and report health and safety hazards that could have adverse effects on fire department operations.			
4.12.2		X	
(A) Requisite Knowledge.			
Procedures for conducting job tasks based on department SOP/Gs, the department's risk management plan, health and safety policies used by the AHJ, and the technical knowledge necessary to perform various job tasks.			
4.12.2 (B)	X		
(B) Requisite Skills.			
Ability to evaluate and prioritize hazards, utilize critical thinking to analyze the hazard, select the most appropriate control measure, and evaluate its effectiveness in enhancing firefighter safety.			
4.12.2 (B)		X	
4.12.3			
Develop recommendations for changes in equipment, procedures, and methods based on results of evaluations; given recommendations from the fire department occupational safety and health committee, safety audits, an analysis of injury statistics or other reliable sources of hazardous conditions or injury data, so that the recommendations for equipment, procedures and methods can be accepted and approved in accordance with the AHJ.			
4.12.3		X	
(A) Requisite Knowledge.			
Hazard recognition, assessment, controls, and evaluation; health and safety recommendations; use of safety audits; injury statistics.			
4.12.3 (A)	X		
(B) Requisite Skills.			
Analyze and interpret injury statistics; interpersonal skills; and report writing.			
4.12.3 (B)		X	

4.12.4

Verify medical advice and treatment are available to members of the fire department, given a fire department physician, fire department members, understanding of occupational medicine for the fire service and the IAFF/IAFC Fire Service Joint Labor Management Wellness-Fitness Initiative, so that members receive the necessary information to maximize their health, wellness, and safety.

4.12.4

X

(A) Requisite Knowledge.

Medical requirements for members as specified in NFPA 1582 and IAFC/IAFF Joint Labor Management Wellness-Fitness Initiative; health hazards associated with firefighting; and current occupational health, wellness, and safety practices.

4.12.4 (A)

X

(B) Requisite Skills.

Organizational skills, communication skills, and interpersonal skills.

4.12.4 (B)

X

4.12.5*

Provide information and assistance regarding risks that may impact operations, given a scenario, the fire department's risk management plan, SOP/Gs, so that members can perform their job tasks in a safe and effective manner.

4.12.5

X

(A) Requisite Knowledge.

Procedures for conducting job tasks based on department SOP/Gs, the department's risk management plan, health and safety policies used by the AHJ, and the technical knowledge necessary to perform various job tasks.

4.12.5 (A)

X

(B) Requisite Skills.

Ability to evaluate and prioritize hazards, utilize critical thinking to analyze the hazard, select the most appropriate control measure, and evaluate its effectiveness in enhancing firefighter safety.

4.12.5 (B)

X

4.13.1

Assess the fire department's infection control program, given a copy of the department's program, incident reports, and access to infection control equipment and facilities, so that the requirements of the Ryan White HIV/AIDS Treatment Extension Act (S.1793) and Part G: The Ryan White Life Threatening Disease List and Reporting Guidelines, 29 CFR 1910.1030, "Occupational Exposure to Bloodborne Pathogens," and NFPA 1581.

4.13.1

X**X**

(A) Requisite Knowledge.

SOP/Gs, Ryan White HIV/AIDS Treatment Extension Act (S.1793) and Part G: The Ryan White Life Threatening Disease List and Reporting Guidelines, 29 CFR 1910.1030, "Occupational Exposure to Bloodborne Pathogens," and NFPA 1581.

4.13.1 (A)

X

(B) Requisite Skills.

Acquire and document infection control procedures; coordination skills necessary to revise program; assess the requirements based on Ryan White HIV/AIDS Treatment Extension Act (S.1793) and Part G: The Ryan White Life Threatening Disease List and Reporting Guidelines, 29 CFR 1910.1030, "Occupational Exposure to Bloodborne Pathogens," and NFPA 1581.

4.13.1 (B)		X	X
4.13.2			
Function as the fire department infection control officer, if an infection control officer position does not exist in the fire department, given an infection control scenario, so that the objectives of the infection control program as specified in the requirements of Ryan White HIV/AIDS Treatment Extension Act (S.1793) and Part G: The Ryan White Life Threatening Disease List and Reporting Guidelines, 29 CFR 1910.1030, "Occupational Exposure to Bloodborne Pathogens"; and NFPA 1581 are met.			
4.13.2		X	X
(A) Requisite Knowledge.			
The Ryan White HIV/AIDS Treatment Extension Act (S.1793); Part G: The Ryan White Life Threatening Disease List and Reporting Guidelines; 29 CFR 1910.1030, "Occupational Exposure to Bloodborne Pathogens"; and NFPA 1581; and roles and responsibilities of an infection control officer.			
4.13.2 (A)	X		
(B) Requisite Skills.			
Acquire and document infection control procedures; coordination skills necessary to revise program; assess the requirements based on the Ryan White HIV/AIDS Treatment Extension Act (S.1793), Part G: The Ryan White Life Threatening Disease List and Reporting Guidelines, 29 CFR 1910.1030, "Occupational Exposure to Bloodborne Pathogens," and NFPA 1581; integrate the occupational health and safety aspects of the risk management program into infection control training and education programs, and educate members.			
4.13.2 (B)		X	X
4.13.3			
Identify minimum criteria for fire station infection control, given basic construction plans, drawings, and design guides so that deficiencies are identified, documented, and reported in accordance with US federal law, Code of Federal Regulations, Centers for Disease Control and Prevention (CDC), Occupational Safety and Health Administration (OSHA), National Institute of Occupational Safety and Health (NIOSH) and/or the American Conference of Government Industrial Hygienists (ACGIH) Occupational Exposure Limits, National Fire Protection Association (NFPA), the United States Fire Administration (USFA), and policies and procedures of the jurisdiction.			
4.13.3		X	
(A) Requisite Knowledge.			
Public Law 91-596, The Occupational Safety and Health Act of 1970; The William-Steiger Occupational Safety and Health Act of 1970; 29 CFR 1910; CDC, Basic Infection Prevention and Control Procedures; OSHA, NIOSH, and/or the ACGIH Occupational Exposure Limits; Chapters 6 through 16 of this standard; NFPA 1581; NFPA 1851; FEMA/USFA FA-168, Safety and Health Considerations for the Design of Fire and Emergency Medical Services Stations; and policies and procedures of the jurisdiction for infection control.			
4.13.3 (A)	X		
(B) Requisite Skills.			
Ability to identify hand-washing capacity where contaminated materials are cleaned, stored, disinfected, or laundered; nonporous surface, drainage, and appliance requirements for kitchens; spacing and ventilation, heating, and cooling requirements in sleeping areas; fixture requirements for bathrooms; dedicated equipment storage areas, other than those stored on vehicles; contaminated temporary storage areas for personal protective equipment (PPE) and portable equipment; designated facility or cleaning areas for disinfecting contaminated PPE and potable equipment; designated cleaning areas for PPE and potable equipment; designated disposal areas for medical or other regulated waste; apparatus bay air-cleaning filtration systems and/or vehicle filtration systems; facility heating, ventilation, and air conditioning (HVAC) systems; and transition zones to allow movement between spaces exposed to contaminants and living/working spaces designed for extended occupancy.			

4.13.3 (B)		X	
------------	--	----------	--