



WILLIAMSON COUNTY

EMERGENCY SERVICES DISTRICT #3

NFPA 1500 IMPLEMENTATION

ACTION PLAN



WILLIAMSON COUNTY EMERGENCY SERVICES DISTRICT #3

Hutto Fire Rescue

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www.huttofirerescue.org

"YOUR HOMETOWN ALL-HAZARDS FIRE DEPARTMENT"

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November 16, 2021

Williamson County Emergency Services No. 3
Board of Commissioners
PO Box 175
Hutto, TX 78634

RE: *NFPA 1500 Implementation Action Plan*

Dear Commissioners:

The safety, survival, health, and wellness of our members is critical to the delivery of our services. Everything that we do as an organization centers on our members being able to conduct their job. Whether they are training, responding to an emergency, or living a third of their life at the fire station, we must make sure that we protect them in what can be a very dangerous business.

We accomplish this by making their wellbeing the number one priority in everything we do. We make sure that "...everyone goes home..." is at the forefront of our activities. Therefore, you will find attached the Hutto Fire Rescue implementation action plan for NFPA 1500, *Standard on Fire Department Occupational Safety, Health, and Wellness Programs* (2021 edition). This plan provides a detailed framework for improving and maintaining the level of firefighter safety within our organization. The achievement of these objectives will prevent and reduce the severity of occupational accidents, injuries, diseases, and exposures, and in turn reduce the dollars that are spent as a result of these occurrences.

This document is yet another planning tool to be used by us in the development of our annual budgets, as well as long range planning. A special thanks goes out to our Health and Safety Officer, Captain Drew Neal, for coordinating this project along with the members of the *Hutto Fire Rescue Safety Committee*. These other individuals involved in the development of this action plan include: Fire Inspector Michael Wofford, Captain Mike Parks, Fire Apparatus Driver Operator Chad Chepulis, Firefighter Thomas Eastland, Firefighter Jason McKean, Firefighter Chris Mank, Lieutenant Donovan Carrasco, Lieutenant Levi Cheuy, and Firefighter Colt Richardson.

I believe that it is imperative for any progressive fire service organization to adopt an implementation plan for NFPA 1500-2021 so as to take care of those that take care of the community. Thank you for adopting this plan to increase the level of firefighter safety and health within Hutto Fire Rescue.

Respectfully,

Scott D. Kerwood
Fire Chief

Fire is Everyone's Fight™



NFPA 1500 Fire Department Occupational Safety, Health and Wellness Program Worksheet (2021 Edition)

NFPA 1500, the Standard on Fire Department Safety and Health Program specifies the minimum requirements for an occupational safety, health and wellness program for fire departments or organizations that provide rescue, fire suppression, emergency medical services, hazardous materials mitigation, special operations, and other emergency services.

This worksheet is compiled to assist you in determining the appropriate level of compliance by your organization and to assist you in developing an action plan to enhance your organization's safety and health program. To fully understand each aspect of the worksheet, we recommend you obtain a copy of the NFPA 1500 Standard. That can be accomplished by contacting the publisher at www.nfpa.org. Note- Reference to NFPA Standards indicates the most recent edition of the standard.

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
Chapter 1 Administration			
1.4 Equivalency			
1.4.1 Equivalency levels of qualifications established- Ref. Chapter 5	Y		1-2.1
1.4.2 Technical documents to demonstrate equivalency	Y		1-2.1
1.5 Adoption Requirements			
1.5.1 Voluntary adoption	Y		1-1
1.5.1 Legal adoption	Y		4-2
1.5.3 Adoption of a risk management plan	Y		1-1
Chapter 4 Organization			
4.1 Fire Dept. Organization Statement			
4.1.1 Written statement or policy	Y		1-1
4.1.2 Operational response criteria/prepare & maintain SOPs/SOGs	Y		4-2
4.1.3 Statement available for inspection	Y		1-1
4.1.4 Pre-incident plans developed	Y		7-2
4.2 Risk Management Plan			
4.2.1 Written risk management plan	Y		3-2
4.2.2 Risk management plan coverage	Y		3-2
4.2.3 Risk Management plan components	Y		3-2
4.3 Safety and Health Policy			
4.3.1 Written fire department occupational safety, health and wellness policy	Y		3-1
4.3.2 Program complies with NFPA 1500	Y		3-1
4.3.3 Plan effectiveness evaluated (min. every 3 years)	Y		3-1
4.4 Roles and Responsibilities			
4.4.1 Fire department responsibility	Y		3-17
4.4.2 Comply with laws	Y		3-17 / MULTIPLE SOP
4.4.3 Fire department rules, regulations, SOPs and SOGs	Y		3-17 / MULTIPLE SOP
4.4.4 Accident investigation procedure	Y		MULTIPLE SOP
4.4.5 Accidents, near-misses and illness investigated	Y		3-9, 3-6.2

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
4.4.6 Individuals cooperate, participate, and comply	Y		3-9
4.4.7 Member has right to be protected and participate	Y		3-9
4.4.8 Member organization	Y		3-9
4.5 Occupational Safety and Health Committee			
4.5.1 Establish advisory committee	Y		3-1
4.5.2 Committee purpose established	Y		3-1
4.5.3 Regular meetings (min. of once every 6 months)	Y		3-1
4.5.4 Member orientation and best practices training	Y		3-1
4.6 Records			
4.6.1 Accidents, injury, illness, exposures, death records	Y		3-9 / TCFP REPORTING
4.6.1.1 Aligned with national fire service database system	Y		3-9
4.6.2 Individual occupational exposure documentation	Y		6-1 / 1582 COMPLIANCE
4.6.3 Confidential health records	Y		6-1
4.6.4 Training records, including certifications	Y		6-1
4.6.5 Vehicles and equipment records	Y		8-3
4.7 Appointment of the Health and Safety Officer			
4.7.1 Appointed by fire chief	Y		1-2.7
4.7.2 Meets qualifications of NFPA 1521	Y		1-2.7
4.7.3 Given authority to administer program	Y		1-2.7
4.7.4 Performing functions in NFPA 1521	Y		1-2.7
4.7.5 Managing occupational safety, health and wellness program	Y		1-2.7
4.7.6 Additional safety officers and resources available	Y		1-2.7
Chapter 5 Training, Education, and Professional Development			
5.1 General Requirements			
5.1.1. Establish and maintain a training, education and professional development program	Y		1-2.7
5.1.2 Training commensurate with duties and functions	Y		SOP CHAPTER 6
5.1.3 Training and education programs for new members	Y		SOP CHAPTER 6
5.1.4 Restrict the emergency operational activities of new members	Y		SOP CHAPTER 6
5.1.5 Training on the risk management plan	Y		SOP CHAPTER 6
5.1.6 Training on department's written procedures	Y		SOP CHAPTER 6
5.1.7 Training for emergency medical services	Y		SOP CHAPTER 6
5.1.8 Training on operation, limitation, maintenance, and retirement criteria for personal protective equipment	Y		SOP CHAPTER 6
5.1.9 Maintaining proficiency in skills and knowledge	Y		6-1.1

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
5.1.10 Training includes safe exiting and accountability	Y		6-1.1
5.1.11 Training includes incident management and accountability system used by the fire dept.	Y		6-1.1
5.2 Member Qualifications			
5.2.1 Fire fighters meet NFPA 1001	Y		1-2.1
5.2.2 Drivers/operators meet NFPA 1002	Y		1-2.3
5.2.3 Airport fire fighters meet NFPA 1003	N/A		NONE
5.2.4 Fire officers meet NFPA 1021	Y		1-2.4, 1-2.5, 1-2.6, 1-2.10, 1-2.11
5.2.5 Wildland fire fighters meet NFPA 1051	Y		6-8
5.2.6 Hazardous materials responders trained to at least operations level per NFPA 472	Y		6-7
5.2.7 Fire Investigators meet NFPA 1033	Y		7-3
5.2.8 Fire Inspectors meet NFPA 1031	Y		7-1
5.3 Training Requirements			
5.3.1 Adopt or develop training and education curriculum	Y		SOP CHAPTER 6
5.3.2 Training supports minimum qualifications and certifications of members	Y		6-1.1
5.3.3 Members practice assigned skills sets on a regular basis but not less than annually.	Y		6-1.1
5.3.4 Training for members when written policies, practices, procedures, or guidelines are changed.	N		Policy Update Needed
5.3.5 SCBA training program per NFPA 1404	Y		3-4
5.3.6 Wildland fire fighters trained at least annually in the proper deployment of fire shelter	Y		6-1.1
5.3.7 Live fire training in accordance with NFPA 1403	Y		6-1.1
5.3.8 Supervised training by qualified instructor	Y		6-1.1
5.3.9 Emergency medical services training	Y		6-6
5.3.10 Training on use, care, maintenance and limitation of PPE	Y		3-3
5.3.11 Training includes incident management and accountability system used by the fire department	Y		4-1
5.3.12 Infectious disease control training to NFPA 1581	Y		3-12
5.3.13 Trained in workplace exposure risks	Y		3-12
5.3.13.Trained to recognize workplace exposure incidents & proper decon.	Y		3-12
5.4 Special Operations Training			
5.4.1 Advanced training for special operations members	Y		WILCO
5.4.2 Train members for support to special operations	Y		4-9
5.4.3 Technician level for hazardous materials mitigation	Y		6-7
5.4.4 Rescue technician training to NFPA 1670 & NFPA 1006 when required	N/A		NO TECHNICIANS
5.5. Member Proficiency			
5.5.1 Proficiency of members	Y		6-1.1
5.5.2 Monitor training progress	Y		6-1.1

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
5.5.3 Annual skills check	Y		6-1.1
5.6 Training Activities			
5.6.1 All training and exercises conducted under direct supervision of qualified instructor	Y		6-1.1
5.6.2 All live training follows NFPA 1403	Y		6-1.1
5.6.2.1 EMS provided for live training exercises	Y		6-1.1
5.6.3 Risk assessment conducted for non-live fire training to determine level of EMS	Y		6-1.1
Chapter 6 Fire Apparatus, Equipment and Drivers/Operators			
6.1 Fire Department Apparatus			
6.1.1 Safety and health concerns related to fire apparatus	Y		3-6
6.1.1.1 Upload, monitor and review vehicle data recorder	N/A		N/A
6.1.2 New fire apparatus meets NFPA 1901	Y		Policy Update Needed
6.1.3 New Wildland fire apparatus meets NFPA 1906 (exception of Sect. 14.4)	Y		Policy Update Needed
6.1.4 New ambulances meet NFPA 1917	N/A		N/A
6.1.5 New marine fire-fighting vessels meet NFPA 1925	N/A		N/A
6.1.6 Tools, equipment, and SCBA properly secured within seating area regions	Y		3-6
6.1.7 Apparatus refurbished per NFPA 1912	N/A		N/A
6.1.8 4-point Restraints and harnesses for aircraft operators and passengers	N/A		N/A
6.1.9 Apparatus has storage area with positive means to prevent unintentional hose deployment (top and 4 sides)	Y		Policy Update Needed
6.2 Drivers/Operators of Fire Department Apparatus			
6.2.1 Successful completion of approved driver training commensurate with assigned vehicle.	Y		1-2.3
6.2.1.1 Vehicle with more than 999 gal. of water, the drivers meet NFPA 1451	Y		1-2.3
6.2.1.2 Establish and post maximum vehicle speed limit	Y		3-6.1
6.2.2 Drivers possess a valid driver's license (Specific state or DOT regulations)	Y		6-3.1
6.2.2.1 Comply with all traffic laws and Dept. rules/regs	Y		Policy Update needed
6.2.2.2 Vehicles without ABS and more than 999 gal. of water must be non-emergent at all times	N/A		NONE
6.2.3 Rules and regulations for operating fire department vehicles in emergency modes and when emergency mode is Not authorized	Y		3-6.1
6.2.4 Drivers are responsible	Y		3-6.1
6.2.4.1 Direct supervisor also responsible	Y		3-6.1
6.2.5 All persons secured and seated	Y		3-6.1
6.2.6 Drivers obey all traffic laws	Y		3-6.1

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
6.2.7 SOP's for non-emergency and emergency response- speed, intersections, RR crossings, warning devices and backing.	Y		3-6.1
6.2.7.1 Safe arrival is first priority	Y		3-6.1
6.2.8 Emergency response, drivers bring vehicle to a complete stop:	Y		3-6.1
6.2.9 Proceed only when safe and account for ALL lanes of traffic	Y		3-6.1
6.2.10 Stop at unguarded railroad grade crossing	Y		3-6.1
6.2.11 Use caution at guarded railroad grade crossings	Y		3-6.1
6.2.12 SOP's - engine, transmission and driveline retarders	N		Policy Needed
6.2.13 SOP's manual brake limiting valves	N		Policy Needed
6.2.14 Rules and regulations for private vehicles for emergency response and use of lighting and audible warning devices	N/A		NONE
6.3 Riding in Fire Apparatus			
6.3.1 Everyone seated and belted	Y		3-6.1
6.3.2 No standing or riding on tail steps, enclosed cabs, running boards, etc.	Y		3-6.1
6.3.3 Seat belts not released while the vehicle is in motion	Y		3-6.1
6.3.4 Secured to vehicle while performing emergency medical care	N/A		NO MEDIC UNITS
6.3.5 SOPs for hose loading operations	Y		3-6
6.3.6 Tiller training (if applicable)	N/A		NONE
6.3.7 Helmets for riding in unenclosed areas	N/A		NONE
6.3.7.1 Helmets not worn in enclosed cabs	N/A		NONE
6.3.8 Eye protection for riding in unenclosed areas	N/A		NONE
6.3.9 Alternative transportation for members that cannot be seated and buckled	N/A		NONE
6.4 Inspection, Maintenance, and Repair of Fire Apparatus			
6.4.1 Fire apparatus inspection, testing and repair per NFPA 1911	Y		8-3
6.4.2 Pumpers service tested per NFPA 1911	Y		8-3
6.4.3 All aerial devices inspected and tested per NFPA 1911	Y		FY2021-2022
6.4.4 Apparatus disinfected per NFPA 1581	Y		3-12
6.5 Tools and Equipment			
6.5.1 Safety and health are primary concerns	Y		3-5
6.5.2 Hearing conservation	Y		3-10
6.5.3 New fire department ground ladders meet NFPA 1931	Y		Policy Update Needed
6.5.4 New fire hose meets NFPA 1961	Y		Policy Needed
6.5.5 New spray nozzles meet NFPA 1964	Y		Policy Needed
6.5.6 Equipment inspected at least weekly and within 24 hours after any use	Y		8-2,8-3
6.5.7 Inventory records maintained for the equipment	Y		1-4.3

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
6.5.8 Equipment tested at least annually	Y		8-3
6.5.9 Defective or unserviceable equipment removed from service	Y		8-2
6.5.10 Tools and equipment disinfected and cleaned per NFPA 1581	Y		3-12
6.5.11 Fire Department ground ladders tested per NFPA 1932	Y		8-3
6.5.12 Fire hose inspected and tested per NFPA 1962	Y		8-3
6.5.13 Portable fire extinguishers, tested and inspected per NFPA 10	Y		Policy Needed
6.5.14 Powered rescue tools meet NFPA 1936	Y		Policy Needed
Chapter 7 Protective Clothing and Protective Equipment			
7.1 General			
7.1.1 Fire department provides PPE for each member based on risk assessment	Y		3-3
7.1.2 Use of PPE during potential exposures	Y		3-3
7.1.2.1 Body armor provided with associated risks (minimum Level IIIA)	N/A		N/A
7.1.2.2 Personnel assigned to Rescue Task Force provided additional equipment	N/A		N/A
7.1.3 Appropriate ensembles worn based on operational assignment	Y		3-3
7.1.4 PPE cleaned per NFPA 1851	Y		3-3, 3-13
7.1.5 Where worn, station work uniforms meet NFPA 1975	Y		2-1.6
7.1.6 Inspection, care and maintenance according to manufacturer's recommendations	Y		3-3
7.1.6.2 On-site care and maintenance equipment per NFPA 1851	Y		3-3
7.1.6.4 Specific roles, responsibilities and authorities defined for PPE care	Y		3-3
7.1.7 Training provided for PPE and equipment program	Y		3-3, 3-13
7.2 Protective Clothing for Structural Fire Fighting			
7.2.1 Protective clothing meets NFPA 1971	Y		3-3
7.2.2 Minimum 2 in. (50 mm) overlap of all protective clothing layers	Y		3-3
7.2.3 Overlap not required on single piece protection coveralls	N/A		N/A
7.2.4.2 Gloves have proper interface	N/A		WRISTLETS ON COATS
7.2.5 Require all members to wear all appropriate protective ensemble	Y		3-3
7.2.5.1 Program in place for selection, care, maintenance, and use of protective clothing per NFPA 1851	Y		3-3
7.2.6 Specific procedures for rapid extrication of a downed fire fighter that involves the use of specific equipment worn by the fire fighter	Y		Policy Needed
7.3 Protective Clothing for Proximity Fire Fighting Operations			

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
7.3.1 Risk assessment performed as required by Chapter 5 of NFPA 1581 to determine need for proximity assembly	N/A		NONE
7.3.2 Proximity fire-fighting protective equipment meeting NFPA 1971 provided and used	N/A		NONE
7.3.3 Overlap not required on single-piece protection coveralls	N/A		NONE
7.3.4 SCBA protected-or informed of high level of radiant heat	N/A		NONE
7.4 Protective Clothing for Emergency Medical Operations			
7.4.1. SOPs on minimum level of protection based on risk	Y		3-3, 3-12
7.4.1.1 Emergency medical protective clothing meeting NFPA 1999 provided and used	Y		3-3, 3-12
7.4.2 Members use emergency medical gloves	Y		3-3, 3-12
7.4.3 Members use emergency medical body and face protection	Y		3-3, 3-12
7.4.4 Infection control program for EMS protective clothing meets NFPA 1581	Y		3-3, 3-12
7.5 Chemical-Protective Clothing for Hazardous Material Emergency Operations			
7.5.1 Members have and use vapor-protective garments that meet NFPA 1991 when appropriate	Y		WILCO
7.5.2 Members have and use liquid splash-protective garments that meet NFPA 1992 when appropriate	Y		WILCO
7.5.3 Members have and use appropriate protective ensemble for CBRN terrorism incidents	Y		WILCO
7.6 Inspection, Maintenance, and Disposal of Chemical- Protective Clothing			
7.6.1 Inspected and maintained per manufacturer's recommendation	Y		WILCO
7.6.2 Dispose of contaminated garments	Y		WILCO
7.7 Protective Clothing and Equipment for Wildland Fire Fighting			
7.7.1 SOP's for use of protective clothing	Y		3-3,4-6
7.7.2 Protective clothing that meets NFPA 1977 provided and used	Y		3-3,4-6
7.7.3 Fire shelter provided and worn properly	Y		3-3,4-6
7.8 Protective Ensemble for Technical Rescue Operations			
7.8.1 Technical rescue protective clothing meeting NFPA 1855 provided and used	Y		4-9.1.1
7.8.2 Special team members for search, rescue, recovery and site stabilization with protective ensemble meeting NFPA 1951	Y		4-9.1.1
7.8.3 Minimum of 2 inch overlap	Y		4-9.1.1
7.8.4 Respiratory protection certified by NIOSH provided and used	Y		4-9.1.1, 3-4
7.8.5 Primary eye protection that meets NFPA 1951 provided and used	Y		4-9.1.1

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
7.8. Protective clothing used and maintained per manufacturer's instructions	Y		4-9.1.1
7.9 Protective Clothing and Equipment for Surface Water Operations			
7.9.1 Members who engage in surface water operations use a protective ensemble meeting NFPA 1952	Y		PFD / OTHER EQUIPMENT
7.9.2 Surface water protective ensembles used and maintained in accordance to manufacturer's instructions	Y		PFD / OTHER EQUIPMENT
7.9.3 Fire department established maintenance and inspection program for surface water operation protective ensembles	Y		PFD / OTHER EQUIPMENT
7.9.4 Proper decontamination procedures for surface water protective ensembles	Y		PFD/ OTHER EQUIPMENT
7.10 Respiratory Protection Program			
7.10.1 Respiratory protection program addresses the selection, care, maintenance, and use	Y		3-4
7.10.2 SOPs addresses respiratory protection	Y		3-4
7.10.3 Members qualified at least annually in use	Y		3-4
7.10.4 Reserve SCBA provided and maintained	Y		3-4
7.10.5 Adequate reserve air supply	Y		3-4
7.10.6 Equipment stored ready- for- use and properly protected	Y		3-4
7.10.7 SCBA provided that meets NFPA 1981 and required to be used	Y		3-4
7.10.8 Members understand keeping facepiece in place	Y		3-4
7.11 Breathing Air			
7. 11.1 Breathing air meets NFPA 1989	Y		3-4
7.12 Respiratory Protection Equipment			
7.12.1 SCBA meet appropriate standards	Y		3-4
7.12.2 Supplied-air respirators appropriate for intended application	N/A		NONE
7.12.3 Air-purifying respirators NIOSH certified with policy for use	N/A		NONE
7.13 Fit Testing			
7.13.1 Quantitative fit test annually	Y		3-4
7.13.2 New members fit tested before permitted in hazardous atmospheres	Y		3-4
7.13.3 Respirators quantitative fit testing in negative pressure mode	Y		3-4
7.13.4 Records of facepiece fitting test	Y		3-4
7.13.5 Protection factor at least 500 for negative-pressure facepieces	Y		3-4
7.14 Using Respiratory Protection			
7.14.1 Facepiece-to-face seal required	Y		3-4
7.14.2 Nothing passes through area of seal	Y		3-4
7.14.3 No beard and facial hair in area of seal	Y		2-1.6, 3-4
7.14.4 Spectacles fitted to inside of facepiece	Y		2-1.6, 3-4
7.14.5 Spectacle strap or temple bars prohibited	Y		2-1.6, 3-4

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
7.14.6 Contact lenses permitted	Y		3-4
7.14.7 Head covering breaking seal prohibited	Y		3-4
7.14.8 SCBA facepiece/head harness worn under protective hood	Y		3-4
7.14.9 SCBA facepiece/head harness worn under hazardous materials chemical protective hood	Y		3-4
7.14.10 Helmet does not interfere with the facepiece-to-face seal	Y		3-4
7.15 SCBA Cylinders			
7.15.1 Aluminum cylinders Inspected annually	Y		3-4
7.15.2 Hydrostatic test cylinders	Y		3-4
7.15.3 Structural fire fighting cylinders minimum capacity of 1699 L	Y		3-4
7.15.4 In-service SCBA cylinders stored charged	Y		3-4
7.15.5 In-service SCBA cylinders inspected weekly, monthly, and prior to filling	Y		3-4
7.15.6 Personnel protected during SCBA cylinder filling	Y		3-4
7.15.7 Unique situations for rapid filling identified	Y		3-4
7.15.8 Risk assessment process used to identify rapid filling situations	Y		3-4
7.15.9 Rapid refilling of SCBA on person limited	Y		3-4
7.15.10 Emergency situation for air transfer (EEBSS) permitted	Y		4-1.2
7.15.11 Transfilling per manufacturer's instructions	Y		6-2.1
7.15.12 When cylinder is less than 600L IDLH exiting practiced	Y		3-5.2, 3-5.3
7.16 Personal Alert Safety Systems (PASS)			
7.16.1 PASS meet NFPA 1982	Y		3-5.1
7.16.2 Members provided with and use PASS device	Y		3-5.1
7.16.3 Tested at least weekly and prior to use	Y		3-5.1
7.17 Life Safety Rope and System Components			
7.17.1 Life safety rope and system components meet NFPA 1983	Y		4-9.1, 8-4
7.17.2.1 Life safety rope used for other purposes removed from service	Y		4-9.1, 8-4
7.17.3 Reuse of life safety rope only after evaluation and meeting NFPA 1983	Y		4-9.1, 8-4
7.17.4 Rope inspection by qualified person	Y		4-9.1, 8-4
7.17.5 Records document each life safety rope use	Y		4-9.1, 8-4
7.18 Face and Eye Protection			
7.18.1 Eye protection appropriate for hazard provided and used	Y		3-3, 3-7, 4-9.1
7.18.2 SCBA facepiece used as primary face and eye protection	Y		3-3, 3.7
7.18.3 Primary eye protection used when full facepiece not used	Y		3-3, 3-7, 4-9.1

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
7.19 Hearing Protection			
7.19.1 Provided and used when apparatus noise in excess of 90 dBA	Y		3-3, 3-7, 4-9.1
7.19.2 Provided and used when tool and equipment noise in excess of 90 dBA	Y		3-3, 3-7, 4-9.1
7.19.3 Hearing conservation program	Y		3-3, 3-7, 4-9.1
7.20 New and Existing Protective Clothing and Protective Equipment			
7.20.1 New PPE meets current standards	Y		3-3
7.20.2 Existing PPE shall have met standards when manufactured	Y		3-3
7.20.3 Protective ensembles retired in accordance with NFPA 1851	Y		3-3
7.20.4 SCBA retired in accordance with NFPA 1852	Y		3-4
7.20.5 Fire Department program for the retirement of all protective clothing and equipment	Y		3-3
7.20.6 Retirement program based on manufacturer's criteria if NFPA standard does not exist	Y		3-3
Chapter 8 Emergency Operations			
8.1 Incident Management			
8.1.1 Prevent accidents and injuries	Y		4-1
8.1.2 Incident management system in writing and meets NFPA 1561	Y		4-1
8.1.3 IMS used at all emergency incidents	Y		4-1
8.1.4 IMS applied to drills, exercises, and training	Y		4-1
8.1.5 Incident commander responsible for overall management and safety	Y		4-1
8.1.6 Incident safety officer assigned when needed	Y		4-1
8.1.7 Span of Control met	Y		4-1
8.1.8 Incident commander's responsibilities, as listed	Y		4-1
8.1.8.1 Interagency coordination meets NFPA 1561	Y		4-1
8.2 Communications			
8.2.1 Dispatch and incident communication systems meet NFPA 1561 and NFPA 1221	Y		5-2, 5-3
8.2.2 All hot or warm zone personnel equipped with portable radio	Y		5-2
8.2.3 SOPs for use of clear text radio messages	Y		5-2
8.2.3.1 Procedures for emergency traffic	Y		5-2
8.2.4 Clear text during emergency traffic	Y		5-2
8.2.4.2 Mayday term used	Y		5-2
8.3 Crew Risk Management During Emergency Operations			
8.3.1 Crew risk management integrated in incident command	Y		3-2.1, 3-2.3
8.4 Risk Management During Emergency Operations			

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
8.4.1 Risk management principles used	Y		3-2, 4-1
8.4.2 IC evaluates risk to members	Y		3-2, 4-1
8.4.2.1 Specific principles applied	Y		3-2, 4-1
8.4.4 Risk management principles routinely employed by supervisors	Y		3-2, 4-1
8.4.5 Incident safety officer with proper expertise appointed	Y		3-2, 4-1
8.4.6 Protective equipment appropriate for CBRN exposures	Y		3-2, 4-1
8.4.7 Consider giving appropriate chemical antidote kits	Y		3-2, 4-1
8.5 Personnel Accountability During Emergency Operations			
8.5.1 Written SOPs for personnel accountability according to NFPA 1561	Y		3-5.2, 3-5.2.1
8.5.2 Local conditions and characteristics considered	Y		3-5.2, 3-5.2.1
8.5.3 Members actively participate	Y		3-5.2, 3-5.2.1
8.5.4 IC maintains awareness of all companies and crews location and function	Y		3-5.2, 3-5.2.1, 4.1
8.5.5 TLMC officers supervise assigned companies/crews	Y		4.1
8.5.6 Company officers responsible for members	Y		3-5.2, 3-5.2.1
8.5.7 Members remain with company	Y		3-5.2, 3-5.2.1
8.5.8 Member responsible for following personnel accountability system	Y		3-5.2, 3-5.2.1, 4.1
8.5.9 Personnel accountability system used at all incidents	Y		3-5.2, 3-5.2.1
8.5.10 Accountability system effective	Y		3-5.2, 3-5.2.1
8.5.11 Additional accountability officers	Y		3-5.2, 3-5.2.1
8.5.12 IC and supervisors responsible for tracking and accountability of assigned companies	Y		3-5.2, 3-5.2.1, 4.1
8.6 Members Operating at Emergency Incidents			
8.6.1 Adequate number of personnel provided to safely conduct emergency operations 8.6.1.1- Career Depts meet NFPA 1710 8.6.1.2- Vol. Depts meet NFPA 1720	Y		4-3, 4-5, 2-1.5
8.6.2 No evolutions outside of established safety criteria	Y		3-5.7
8.6.3 Inexperienced members directly supervised	Y		4-3.3
8.6.4 Members operate in teams of two or more	Y		4-3.3
8.6.5 Crew members in communication with each other	Y		3-5.2, 3-5.3, 5-2
8.6.6 Crew members operate in proximity to each other	Y		3-5.2
8.6.7 Two in, two out in initial stages	Y		4-3.3
8.6.8 At aircraft rescue and firefighting, IDLH area within wingtip to wingtip area	N/A		N/A
8.6.9 Highest available level of EMS available for special operations (BLS min.)	Y		3-5.5
8.6.10 EMS personnel at hazmat operations meet NFPA 473	N/A		N/A

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
8.6.11 IC requests EMS to be available	Y		3-5.5
8.6.12 Members secured to aerial device based on NFPA 1983	Y		Policy Update Needed
8.6.13 PPE and SCBA used by fire investigators and others (overhaul) in IDLH atmosphere	Y		3-3
8.6.14 Water rescue members wear approved personal flotation devices	Y		Policy Needed
8.6.15 SOPs for operating near hazardous energy sources	Y		3.7.1
8.7 Hazard Control Zones			
8.7.1 Hazard control zones established with members wearing appropriate level of PPE	Y		3-5.2.1
8.7.2 Hazard control zone perimeters established	Y		3-5.2.1
8.7.3 Changes in perimeters communicated to all members on scene	Y		Policy Needed
8.7.4 Hazard control zones identified (colored tape)	Y		3-5
8.7.4.4 No-entry zones clearly taped and enforced	Y		3-5
8.7.5 The IC ensures that the designation of the appropriate protective clothing and equipment is commensurate with the hazard zone the member is operating in	Y		3-5
8.7.6 All officers and members using appropriate PPE within that zone	Y		3-5
8.7.7 The use of hazard control zones continued until the hazard have been mitigated	Y		3-5
8.8 Rapid Intervention for Rescue of Members			
8.8.1 Personnel provided for the rescue of members operating at incident 8.8.1.1 IRIC trained to NFPA 1407	Y		3-5, 3-5.3.1, 4-1.2, 4-3
8.8.2 Initial 2 in/2 out compliance	Y		3-5, 3-5.3.1, 4-1.2, 4-3
8.8.3 Dedicated RIC once staffing expanded	Y		3-5, 3-5.3.1, 4-1.2, 4-3
8.8.4 RIC a minimum of 2 members	Y		3-5, 3-5.3.1, 4-1.2, 4-3
8.8.5 RIC uses an Universal Air Connector	Y		3-5, 3-5.3.1, 4-1.2, 4-3
8.8.6 Composition and structure of the RIC based on incident type and size	Y		3-5, 3-5.3.1, 4-1.2, 4-3
8.8.7 IC addresses risk and number of RICs needed	Y		3-5, 3-5.3.1, 4-1.2, 4-3
8.8.8 IRIC role based on early stage requirements	Y		3-5, 3-5.3.1, 4-1.2, 4-3
8.8.9 RIC personnel assignment shall not jeopardize safety of others	Y		3-5, 3-5.3.1, 4-1.2, 4-3
8.8.10 During fire fighter rescues crews/companies remain intact	Y		3-5, 3-5.3.1, 4-1.2, 4-3
8.8.11 Dedicated RIC standing by during special ops or IDLH related to collapse or equipment failure	Y		3-5, 3-5.3.1, 4-1.2, 4-3
8.9 Rehabilitation During Emergency Operations			

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
8.9.1 Rehabilitation provided according to NFPA 1584	Y		3-5.5
8.9.1.1 Personnel limited to no more than two SCBA cylinders before going to rehab	N		3-5.5
8.10 Scenes of Violence, Civil Unrest, or Terrorism			
8.10.1 No fire department involvement, at ongoing violence, until law enforcement has deemed the scene as secure	Y		1-3.3.4, 4-1.1
8.10.2. Fire Department personnel never used for crowd control or dispersement	Y		Policy Needed
8.10.3 Unified SOPs with law enforcement on roles/responsibilities	N		Policy Needed
8.10.4 Interagency agreement to provide protection fire department members at violent scenes	Y		4-5,4-10
8.10.5 Communication to indicate life-and-death situations	Y		5-3
8.10.6 Fire department to coordinate with law enforcement	Y		1-3.3.4, 4-1.1
8.10.7 Fire department IC identifies and reacts to violent situations	Y		4-10
8.10.8 Fire department IC communicates with law enforcement IC	Y		4-10
8.10.9 Stage resources in a safe area until scene secure	Y		1-3.3.4, 4-1.1
8.10.10 Secure law enforcement or withdraw when violence occurs	Y		4-10
8.10.11 Body armor used only by members trained and qualified	N/A		NONE
8.10.12 Members supporting SWAT operations trained and operating under SOPs	N/A		NONE
8.11 Post-Incident Analysis			
8.11.1 SOPs for standardized post-incident critique	Y		6-10
8.11.2 Incident safety officer involved in critique	Y		6-10
8.11.3 Review of conditions and actions on the safety and health of members.	Y		6-10
8.11.4 Identify needed action to improve welfare of members	Y		6-10
8.11.5 Analysis includes standard action plan	Y		6-10
Chapter 9 Traffic Incident Management			
9.2 Emergency Operations at Traffic Incidents			
9.2 SOP regarding emergency operations involving traffic	Y		4-8
9.2.1 Training on roadway hazards and safety	Y		6-2, 6-2.1
9.3 Placement of Apparatus and Warning Devices			
9.3 Safe work zones established with early warning devices	Y		4-8
9.4 Use of Apparatus as a Blocking Device			
9.4 First arriving apparatus placed in a blocking position	Y		4-8
9.4.1 Placement of blocking apparatus based on traffic conditions/hazards	Y		4-8

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
9.4.2 Once TIMA is established blocking apparatus reduces warning lights	Y		4-8
9.4.3 Additional responding vehicles placed downstream with warning lights reduced	Y		4-8
9.4.4 Ambulances placed for safe loading	Y		4-8
9.4.5 Traffic cones and warning signs compliant with MUTCD	Y		4-8
9.4.6 Warning devices placed with visual obstruction considerations	Y		4-8
9.4.7 members and victims placed in a safe location	Y		4-8
9.4.8 Unneeded apparatus and private vehicles placed downstream or off roadway	Y		4-8
9.4.9 High-Visibility apparel compliant with MUTCD worn day/night	Y		4-8
9.4.10 Traffic control personnel trained to NFPA1091	Y		4-8
Chapter 10 Facility Safety			
Chapter 10.1 Safety Standards			
10.1.1 Comply with all appropriate codes	Y		3-7
10.1.2 Facilities for disinfecting, cleaning, and storage per NFPA 1581	Y		3-7
10.1.3 All facilities comply with NFPA 101	Y		3-7, 3-12
10.1.3.1 All facilities have smoke detectors	Y		3-7, 7-1
10.1.3.4 All facilities have carbon monoxide detectors	N		Policy Needed
10.1.4 New buildings housing personnel are fully sprinklered	Y		Policy needed
10.1.5 Methods to prevent exhaust exposure	Y		3-7
10.1.6 Contaminated PPE not in living and sleeping areas	Y		3-7
10.1.7 Smoke-free facilities	Y		Policy Needed
10.1.8 Pole holes secured	N/A		NONE
10.2 Inspections			
10.2.1 Annual code inspection	Y		3-7, 7-1
10.2.2 Inspections documented	Y		3-7, 7-1
10.2.3 Monthly safety and health inspection	N		
10.3 Maintenance and Repairs			
10.3 System to maintain facilities and correct safety or health hazards	Y		8-1
Chapter 11 Medical and Physical Requirements			
11.1 Medical Requirements			
11.1.1 Medical qualified before becoming a member	Y		2-1.2, 6-2
11.1.2 Medical evaluation considers risks and functions associated with duties	Y		2-1.2, 6-2
11.1.3 Candidates and members meet NFPA 1582	Y		2-1.2, 6-2
11.1.4 Aircraft pilots comply with FAA regulations	N/A		NONE
11.1.5 Members under influence of drugs or alcohol excluded from participation	Y		2-1.8
11.2 Physical Performance Requirements			

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
11.2.1 Fire department develops physical performance requirements	Y		3-17
11.2.2 Candidates qualified in physical performance prior to training	Y		3-17
11.2.3 Members annually qualified in physical performance	Y		3-17
11.2.4 Members not qualified not involved in emergency operations	Y		3-17
11.2.5 Physical performance rehabilitation program available	Y		3-17
11.3 Health and Fitness			
11.3.1 Health and fitness program meets NFPA 1583	Y		3-17
11.3.2 Fitness levels determined by individual's assigned functions by dept. physician	Y		3-17
11.3.3 Health and fitness coordinator administers the program	Y		3-17
11.3.4 Health and fitness coordinator is liaison between fire dept. and dept. physician	Y		3-17
11.4 Confidential Health Data Base			
11.4.1 Confidential, permanent Individual health file for each member	Y		1-3.2.2
11.4.1.1 Health file separate from personnel file and maintained to ADA, FMLA and 29 CFR 1910.1020 standards	Y		1-3.2.2
11.4.2 Health file complete	Y		1-3.2.2
11.4.3 Composite data base for analysis	Y		1-3.2.2
11.4.4 Autopsy or medical data results in health data base for members and former members	Y		1-3.2.2, 3-14
11.5 Infection Control			
11.5.1 Fire department limits or prevents member's exposure	Y		3-12
11.5.2 Infection control program meets NFPA 1581	Y		3-12
11.6 Fire Department Physician			
11.6.1 Fire department licensed physician officially designated	Y		2-2.6, 3-17
11.6.2 Provides medical guidance in management of safety and health program	Y		2-2.6,3-17
11.6.4 Available on urgent basis	Y		2-2.6,3-17
11.6.5 Health and safety officer and health fitness coordinator liaison with physician	Y		2-2.6,3-17
11.7 Fitness for Duty Evaluations			
11.7.1 Process established to evaluate ability to perform essential job functions	Y		3-17, 3-17.1
11.7.2 Process to evaluate a member conducted by a qualified person and confirmed by dept. physician	Y		3-17
11.7.3 Member unable to meet the evaluation is provided a method/assistance to meet the standard	Y		3-17
11.7.4 Dept. physician determines when the member can return to duty	Y		3-17

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
Chapter 12 Behavioral Health and Wellness Programs			
12.1 Behavioral Health Program			
12.1.1 Behavior health program available for members and their immediate family	Y		2-1
12.1.2 When clinically indicated, members and family members will be referred to evidence-based treatment.	Y		2-1
12.1.2.1 thru 12.1.2.2.2 these sections met regarding policies, record keeping, etc.	Y		2-1
12.1.3 Program assist in creating resiliency to stress and traumatic exposure	Y		2-1
12.1.4 Program provided thru leadership development and organizational group dynamics evaluation and training	Y		2-1
12.2 Wellness Program			
11.2.1 Wellness program preventative goals and strategies	Y		3-17
11.2.2 Wellness program uses peer reviewed and researched strategies supporting safety and efficacy of program	Y		3-17
11.2.2.1 Program on smoking/tobacco use cessation	Y		2-1.9, 3-17
Chapter 13 Occupational Exposure to Atypically Stressful Events			
13.1.1 Dept. physician maintains oversight of clinical aspects of the program	Y		Policy update Needed
13.1.1.1 Fire Dept. maintains relationship with certified behavioral health specialist	Y		Policy Update Needed
13.1.1.2 Behavioral health specialist has knowledge of fire dept. culture and traumatic exposure	Y		3-15
13.1.2 Written policy outlining protocols to address traumatic exposure	Y		3-15
13.1.3 Outlined assistance and intervention available	Y		2-1.8
13.1.3.1 Participation in intervention is voluntary	Y		2-1.8, 2-2.10
13.1.3.2 Specialty treatment by licensed and certified specialist	Y		2-2.10, Update Needed
Chapter 14 Exposure to Fireground Toxic Contaminants (FTC)			
14.1 Training			
14.1 Training provided on the hazards associated with fireground toxic contaminants	Y		3-8
14.1.1 FTC Training includes: Awareness; Prevention; Mitigation and Risk factors	Y		3-8
14.2 Prevention and Mitigation			
14.2 SOPs related to prevention and mitigation of exposures	Y		3-13
14.3 Cleaning and Maintenance			
14.3.1 AHJ provides cleaning and maintenance of PPE	Y		3-13
14.3.2 Soiled or contaminated PPE removed from service until properly cleaned-NFPA 1851	Y		3-13

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
14.4 Mitigation of Fireground Toxic Contaminant Exposure			
14.4.1 Appropriate PPE worn during all phases of fireground operations	Y		3-13
14.4.2 Respiratory protection during overhaul is supplied-air respirator	Y		3-13
14.4.2.1.1 An APR only permitted in listed conditions	N/A		N/A
14.4.1.1.2 APR chemical cartridge is NIOSH approved	N/A		N/A
14.4.1.1.3 APR filter changeout schedule established	N/A		N/A
14.5 Post-Incident Fireground Toxic Contaminant Exposure			
14.5.1 Members trained on appropriate doffing of contaminated PPE	Y		3-3
14.5.1.1 Doffing training includes prevention of cross contamination	Y		3-3,3-13
14.5.2 SOP on decontamination of fire fighters	Y		3-3
14.5.3 Provision of appropriate decontamination facilities and equip.	Y		3-3
14.5.3.1 Proper personal hygiene cleansing after exposure	Y		3-13
14.6 Exposure Reporting Requirements			
14.6.1 Established possible exposure reporting system for members	Y		3-9
14.6.1.1 Exposure report records maintained for at least 15 years following member separation	Y		Policy Update Needed
14.6.1.2 Members have access to their personal exposure records	Y		Policy Update Needed
14.6.2 All personnel potential exposed shall complete an exposure report	Y		3-9