



NFPA 1500 Fire Department Occupational Safety & Health Program Worksheet (2013 Edition)

NFPA 1500, the Standard on Fire Department Safety and Health Program specifies the minimum requirements for an occupational safety and health 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.

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			
1.4.2 Training, education, competency, safety			
Chapter 4 Organization			
4.1 Fire Dept. Organization Statement			
4.1.1 Written statement or policy			
4.1.2 Operational response criteria/prepare & maintain SOPs/SOGs			
4.1.3 Statement available for inspection			
4.2 Risk Management Plan			
4.2.1 Written risk management plan			
4.2.2 Risk management plan coverage			
4.2.3 Risk Management plan components			
4.3 Safety and Health Policy			
4.3.1 Written fire department occupational safety and health policy			
4.3.2 Program complies with NFPA 1500			
4.3.3 Plan effectiveness evaluated			
4.4 Roles and Responsibilities			
4.4.1 Fire department responsibility			
4.4.2 Comply with laws			
4.4.3 Fire department rules, regulations, SOPs and SOGs			
4.4.4 Accident investigation procedure			
4.4.5 Accidents and illness investigated			
4.4.6 Individuals cooperate, participate, and comply			
4.4.7 Member has right to be protected and participate			
4.4.8 Member organization role			
4.5 Occupational Safety and Health Committee			
4.5.1 Establish committee			
4.5.2 Committee purpose			

4.5.3 Regular meetings			
Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
4.6 Records			
4.6.1 Accidents, injury, illness, exposures, death records			
4.6.2 Occupational exposures			
4.6.3 Confidential health records			
4.6.4 Training records			
4.6.5 Vehicles and equipment records			
4.7 Appointment of the Health and Safety Officer			
4.7.1 Appointed by fire chief			
4.7.2 Meets qualifications			
4.7.3 Given authority to administer program			
4.7.4 Performing functions in NFPA 1521			
4.7.5 Managing occupational safety and health program			
4.7.6 Additional safety officers and resources available			
Chapter 5 Training, Education, and Professional Development			
5.1 General Requirements			
5.1.1. Establish and maintain safety and health training			
5.1.2 Training commensurate with duties and functions			
5.1.3 Training and education programs for new members			
5.1.4 Restrict the activities of new members			
5.1.5 Training on the risk management plan			
5.1.6 Training on department's written procedures			
5.1.7 Training for emergency medical services			
5.1.8 Training on operation, limitation, maintenance, and retirement criteria for personal protective equipment			
5.1.9 Maintaining proficiency in skills and knowledge			
5.1.10 Training includes safe exiting and accountability			
5.1.11 Training includes incident management and accountability system used by the fire dept.			
5.2 Member Qualifications			
5.2.1 Fire fighters meet NFPA 1001			
5.2.2 Drivers/operators meet NFPA 1002			
5.2.3 Airport fire fighters meet NFPA 1003			
5.2.4 Fire officers meet NFPA 1021			
5.2.5 Wildland fire fighters meet NFPA 1051			
5.2.6 Hazardous materials responders trained to at least operations level per NFPA 472			
5.3 Training Requirements			
5.3.1 Adopt or develop training and education curriculum			
5.3.2 Training supports minimum qualifications and certifications of members			

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
5.3.3 Members practice assigned skills sets on a regular basis but not less than annually.			
5.3.4 Training for members when written policies, practices, procedures, or guidelines are changed.			
5.3.5 SCBA training program per NFPA 1404			
5.3.6 Wildland fire fighters trained at least annually in the proper deployment of fire shelter			
5.3.7 Live fire training in accordance with NFPA 1403			
5.3.8 Supervised training			
5.3.9 Emergency medical services training			
5.3.10 Training on use, care, maintenance and limitation of PPE			
5.3.11 Training includes incident management and accountability system used by the fire department			
5.3.12 Infectious disease control training to NFPA 1581			
5.4 Special Operations Training			
5.4.1 Advanced training for special operations			
5.4.2 Train members for support to special operations			
5.4.3 Technician level for hazardous materials mitigation			
5.4.4 Rescue technician training to NFPA 1006 when required			
5.5. Member Proficiency			
5.5.1 Proficiency of members			
5.5.2 Monitor training progress			
5.5.3 Annual skills check			
Chapter 6 Fire Apparatus, Equipment and Drivers/Operators			
6.1 Fire Department Apparatus			
6.1.1 Safety and health concerns related to fire apparatus			
6.1.2 New fire apparatus meets NFPA 1901,			
6.1.3 New Wildland fire apparatus meets NFPA 1906			
6.1.4 New marine fire-fighting vessels meet NFPA 1925			
6.1.5 Tools, equipment, and SCBA properly secured			
6.1.6 Apparatus refurbished per NFPA 1912			
6.1.7 Restraints and harnesses for aircraft operations			
6.1.8 Apparatus has storage area with positive means to prevent unintentional hose deployment			
6.2 Drivers/Operators of Fire Department Apparatus			
6.2.1 Successful completion of approved driver training			

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
6.2.2 Complies with traffic laws including having valid driver's licenses			
6.2.3 Rules and regulations for operating fire department vehicles			
6.2.4 Drivers are responsible			
6.2.5 All persons secured			
6.2.6 Drivers obey all traffic laws			
6.2.7 SOP's for non-emergency and emergency response			
6.2.8 Emergency response, drivers bring vehicle to a complete stop:			
6.2.9 Proceed only when safe			
6.2.10 Stop at unguarded railroad grade crossing			
6.2.11 Use caution at guarded railroad grade crossings			
6.2.12 SOP's - engine, transmission and driveline retarders			
6.2.13 SOP's manual brake limiting valves			
6.2.14 Rules and regulations for private vehicles for emergency response			
6.3 Riding in Fire Apparatus			
6.3.1 Tail steps and standing prohibited			
6.3.2 Seat belts not released while the vehicle is in motion			
6.3.3 Secured to vehicle while performing emergency medical care			
6.3.4 Hose loading operations			
6.3.5 Tiller training (if applicable)			
6.3.6 Helmets for riding in unclosed areas			
6.3.7 Eye protection for riding in unenclosed areas			
6.3.8 Alternative transportation			
6.4 Inspection, Maintenance, and Repair of Fire Apparatus			
6.4.1 Fire apparatus inspection, and repair per NFPA 1911			
6.4.2 Pumpers service tested per NFPA 1911			
6.4.3 Aerial ladders and elevating platforms tested per NFPA 1911			
6.4.4 Apparatus and equipment disinfected per NFPA 1581			
6.5 Tools and Equipment			
6.5.1 Safety and health are primary concerns			
6.5.2 Hearing conservation			
6.5.3 New fire department ground ladders meet NFPA 1931			
6.5.4 New fire hose meets NFPA 1961			
6.5.5 New spray nozzles meet NFPA 1964			
6.5.6 Equipment inspected at least weekly and within 24 hours after any use			
6.5.7 Records maintained for the equipment			
6.5.8 Tested at least annually			
6.5.9 Defective or unserviceable equipment removed from service			

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
6.5.10 Tools and equipment cleaned per NFPA 1581,			
6.5.11 Fire Department ground ladders tested per NFPA 1932			
6.5.12 Fire hose inspected and tested per NFPA 1962			
6.5.13 Portable fire extinguishers, tested and inspected per NFPA 10			
6.5.14 Powered rescue tools meet NFPA 1936			
Chapter 7 Protective Clothing and Protective Equipment			
7.1 General			
7.1.1 Fire department provides PPE			
7.1.2 Use of PPE			
7.1.3 PPE cleaned every 6 months per NFPA 1851			
7.1.4 Where worn, station work uniforms meet NFPA 1975			
7.1.5 Clothing considered thermally unstable not worn			
7.1.6 Laundry service available for contaminated clothing			
7.2 Protective Clothing for Structural Fire Fighting			
7.2.1 Protective clothing meets NFPA 1971			
7.2.2 Minimum 2 in. (50 mm) overlap of all protective clothing layers			
7.2.3 Overlap not required on single piece protection coveralls			
7.2.4.2 Gloves have proper interface			
7.2.5.1 Program in place for selection, care, maintenance, and use of protective clothing			
7.2.6 Require all members to wear all appropriate protective ensemble			
7.3 Protective Clothing for Proximity Fire Fighting Operations			
7.3.1 Risk assessment performed as required by Chapter 5 of NFPA 1581 to determine need for proximity assembly			
7.3.2 Proximity fire-fighting protective equipment meeting NFPA 1971 provided and used			
7.3.3 Overlap not required on single- piece protection coveralls			
7.3.4 SCBA protected			
7.4 Protective Clothing for Emergency Medical Operations			
7.4.1 Emergency medical protective clothing meeting NFPA 1999 provided and used,			
7.4.2 Members use emergency medical gloves			
7.4.3 Members use emergency medical body and face protection			
7.4.4 Infection control program for EMS protective clothing meets NFPA 1581			

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
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			
7.5.2 Members have and use liquid splash-protective garments that meet NFPA 1992 when appropriate			
7.5.3 Members have and use appropriate protective ensemble for CBRN terrorism incidents			
7.6 Inspection, Maintenance, and Disposal of Chemical- Protective Clothing			
7.6.1 Inspected and maintained per manufacturer's recommendation			
7.6.2 Dispose of contaminated garments			
7.7 Protective Clothing and Equipment for Wildland Fire Fighting			
7.7.1 SOP's for use of protective clothing			
7.7.2 Protective clothing that meets NFPA 1977 provided and used			
7.7.3 Fire shelter provided and worn properly			
7.8 Protective Ensemble for Technical Rescue Operations			
7.8.1 Technical rescue protective clothing meeting NFPA 1951 provided and used			
7.8.2 Minimum 2 in (50 mm) overlap of all protective clothing layers			
7.8.3 Respiratory protection certified by NIOSH provided and used			
7.8.4 Primary eye protection that meets NFPA 1951 provided and used			
7.8.5 Protective clothing used and maintained per manufacturer's instructions			
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 1951			
7.9.2 Surface water protective ensembles used and maintained in accordance to manufacturer's instructions			
7.9.3 Fire department established maintenance and inspection program for surface water operation protective ensembles			
7.9.4 Proper decontamination procedures for surface water protective ensembles			
7.10 Respiratory Protection Program			
7.10.1 Respiratory protection program addresses the selection, care, maintenance, and use			
7.10.2 SOPs addresses respiratory protection			

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
7.10.3 Members qualified at least annually in use			
7.10.4 Reserve SCBA provided and maintained			
7.10.5 Adequate reserve air supply			
7.10.6 Equipment stored ready- for- use and properly protected			
7.10.7 SCBA provided that meets NFPA 1981 and required to be used			
7.10.8 Members understand keeping facepiece in place			
7.11 Breathing Air			
7.11.1 Breathing air meets NFPA 1989			
7.12 Respiratory Protection Equipment			
7.12.1 SCBA meet appropriate standards			
7.12.2 Supplied-air respirators appropriate for intended application			
7.12.3 Air-purifying respirators NIOSH certified with policy for use			
7.13 Fit Testing			
7.13.1 Quantitative fit test annually			
7.13.2 New members fit tested before permitted in hazardous atmospheres			
7.13.3 Respirators quantitative fit testing in negative pressure mode			
7.13.4 Records of facepiece fitting test			
7.13.5 Protection factor at least 500 for negative-pressure facepieces			
7.14 Using Respiratory Protection			
7.14.1 Facepiece-to-face seal required			
7.14.2 Nothing passes through area of seal			
7.14.3 No beard and facial hair in area of seal			
7.14.4 Spectacles fitted to inside of facepiece			
7.14.5 Spectacle strap or temple bars prohibited			
7.14.6 Contact lenses permitted			
7.14.7 Head covering breaking seal prohibited			
7.14.8 SCBA facepiece/head harness worn under protective hood			
7.14.9 SCBA facepiece/head harness worn under hazardous materials chemical protective hood			
7.14.10 Helmet does not interfere with the facepiece-to-face seal			
7.15 SCBA Cylinders			
7.15.1 Inspected annually			
7.15.2 Hydrostatic test cylinders			
7.15.3 In-service SCBA cylinders stored charged			
7.15.4 In-service SCBA cylinders inspected weekly, monthly, and prior to filling			
7.15.5 Personnel protected during SCBA cylinder filling			

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
7.15.6 Unique situations for rapid filling identified			
7.15.7 Risk assessment process used to identify rapid filling situations			
7.15.8 Rapid refilling of SCBA on person limited			
7.15.9 Emergency situation for air transfer permitted			
7.15.10 Transfilling per manufacturer's instructions			
7.16 Personal Alert Safety Systems (PASS)			
7.16.1 PASS meet NFPA 1982			
7.16.2 Members provided with and use PASS device			
7.16.3 Tested at least weekly and prior to use			
7.17 Life Safety Rope and System Components			
7.17.1 Life safety rope and system components meet NFPA 1983			
7.17.2 Life safety rope used for other purposes removed from service			
7.17.3 Reuse of life safety rope only after evaluation			
7.17.4 Rope inspection by qualified person			
7.17.5 Records document each life safety rope use			
7.18 Face and Eye Protection			
7.18.1 Eye protection appropriate for hazard provided and used			
7.18.2 SCBA facepiece used as primary face and eye protection			
7.18.3 Primary eye protection used when full facepiece not used			
7.19 Hearing Protection			
7.19.1 Provided and used when apparatus noise in excess of 90 dBA			
7.19.2 Provided and used when tool and equipment noise in excess of 90 dBA			
7.19.3 Hearing conservation program			
7.20 New and Existing Protective Clothing and Protective Equipment			
7.20.1 New PPE meets current standards			
7.20.2 Existing PPE shall have met standards when manufactured			
7.20.3 PPE retired in accordance with NFPA 1851			
Chapter 8 Emergency Operations			
8.1 Incident Management			
8.1.1 Prevent accidents and injuries			
8.1.2 Incident management system in writing and meets NFPA 1561			
8.1.3 IMS used at all emergency incidents			
8.1.4 IMS applied to drills, exercises, and training			

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
8.1.5 Incident commander responsible for safety			
8.1.6 Incident safety officer assigned when needed			
8.1.7 Span of Control			
8.1.8 Incident commander's responsibility			
8.2 Communications			
8.2.1 Dispatch and incident communication systems meet NFPA 1561 and NFPA 1221			
8.2.2 SOPs for use of clear text radio messages			
8.2.3 Procedures for emergency traffic			
8.2.3 Incident clock used			
8.3 Risk Management During Emergency Operations			
8.3.1 Risk management integrated in incident command			
8.3.2 Risk management principles used			
8.3.3 IC evaluates risk to members			
8.3.4 Risk management principles routinely employed by supervisors			
8.3.5 Incident safety officer with proper expertise appointed			
8.3.6 Protective equipment appropriate for CBRN exposures			
8.3.7 Consider giving atropine for nerve agents			
8.4 Personnel Accountability During Emergency Operations			
8.4.1 Written SOPs for personnel accountability			
8.4.2 Local conditions and characteristics considered			
8.4.3 Members actively participate			
8.4.4 IC maintains awareness			
8.4.5 TLMC officers supervise assigned companies/crews			
8.4.6 Company officers responsible for members			
8.4.7 Members remain with company			
8.4.8 Member responsible for following personnel accountability system			
8.4.9 Personnel accountability system used at all incidents			
8.4.10 Accountability system effective			
8.4.11 Additional accountability officers			
8.4.12 IC and supervisors responsible for tracking and accountability of assigned companies			
8.5 Members Operating at Emergency Incidents			
8.5.1 Adequate number of personnel provided to safety conduct emergency operations			

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
8.5.2 No evolutions outside of established safety criteria			
8.5.3 Inexperienced members directly supervised			
8.5.4 Members operate in teams of two or more			
8.5.5 Crew members in communication with each other			
8.5.6 Crew members operate in proximity to each other			
8.5.7 Two in, two out in initial stages			
8.5.8 At aircraft rescue and firefighting, IDLH area within 75 Ft (23 m) of aircraft			
8.5.9 Highest available level of EMS available for special operations			
8.5.10 EMS personnel at hazmat operations meet NFPA 473			
8.5.11 IC requests EMS to be available			
8.5.12 Members secured to aerial device			
8.5.13 PPE and SCBA used by fire investigators and others in IDLH atmosphere			
8.5.14 Water rescue members wear personal flotation devices			
8.6 Hazard Control Zones			
8.6.1 Hazard control zones established with members wearing appropriate level of PPE			
8.6.2 Hazard control zone perimeters established			
8.6.3 Changes in perimeters communicated to all members on scene			
8.6.4 Hazard control zones identified			
8.6.5 The IC ensures that the designation of the appropriate protective clothing and equipment is commensurate with the hazard zone the member is operating in			
8.6.6 All officers and members using appropriate PPE within that zone			
8.6.7 The use of hazard control zones continued until the hazard have been mitigated			
8.7 Traffic Incidents			
8.7.1 Appropriate measures taken to protect members			
8.7.2 SOPs for operations involving traffic incidents			
8.7.3 Apparatus and warning devices used to protect members			
8.7.4 Apparatus positioned to protect members			
8.7.5 Warning devices used for oncoming traffic			
8.7.6 Warning device placement sensitive to conditions			

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
8.7.7 First unit addresses traffic issues			
8.7.8 Members and victims in secure area			
8.7.9 Unneeded vehicles parked off roadway			
8.7.10 Members wear garments with visible materials			
8.7.11 Members trained in traffic control			
8.8 Rapid Intervention for Rescue of Members			
8.8.1 Personnel provided for rescue of members			
8.8.2.2 Standby members maintain awareness			
8.8.2.3 Standby members remain in communication			
8.8.2.4 Standby member permitted to perform other duties outside of the hazard area			
8.8.2.5 Standby member restricted activities			
8.8.2.6 Standby members have full PPE and SCBA			
8.8.2.7 Standby members don full PPE and SCBA before entering hazardous area			
8.8.2.8 Standby member limitations			
8.8.2 Rapid intervention crew deployed when incident in no longer in initial stage			
8.8.2.10 In immediate life-threatening situations, action to prevent loss of life permitted with less than four personnel			
8.8.4 Rapid intervention crew equipped and available			
8.8.6 Composure and structure or RIC flexible			
8.8.7 IC provides RIC's appropriate for incident size			
8.8.8 RIC status in early stages			
8.8.11 RIC's for special operations			
8.9 Rehabilitation During Emergency Operations			
8.9.1 SOP for rehabilitation of members			
8.9.2 IC initiates rehabilitation per SOPs and NFPA 1561			
8.9.3 On-scene rehabilitation to include complete support			
8.9.4 Each member responsible to communicate rehabilitation needs			
8.9.5 Each Wildland fire fighter provided with 2 qt (2 L) of water			
8.10 Violence, Civil Unrest, or Terrorism			
8.10.1 Fire department not involved in activity without law enforcement present			
8.10.2 Fire department personnel not involved in crowd control			
8.10.3 SOPs for member safety at civil disturbance			
8.10.4 Interagency agreement for protection of members			

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
8.10.5 Communication to indicate life-and-death situations			
8.10.6 Fire department to coordinate with law enforcement			
8.10.7 Fire department IC identifies and reacts to violent situations			
8.10.8 Fire department IC communicates with law enforcement IC			
8.10.9 Stage resources in a safe area until scene secure			
8.10.10 Secure law enforcement or withdraw when violence occurs			
8.10.11 Body armor used only by members trained and qualified			
8.10.12 Members supporting SWAT operations trained and operating under SOPs			
8.11 Post-Incident Analysis			
8.11.1 SOPs for standardized post-incident critique			
8.11.2 Incident safety officer involved in critique			
8.11.3 Review of conditions and actions on the safety and health of members.			
8.11.4 Identify needed action to improve welfare of members			
8.11.5 Analysis includes standard action plan			
Chapter 9 Facility Safety			
9.1 Safety Standards			
9.1.1 Comply with codes			
9.1.2 Facilities for disinfecting, cleaning, and storage per NFPA 1581			
9.1.3 All facilities comply with NFPA 101			
9.1.3.1 All facilities have smoke detectors			
9.1.3.4 All facilities have carbon monoxide detectors			
9.1.5 Methods to prevent exhaust exposure			
9.1.6 Contaminated PPE not in living and sleeping areas			
9.1.7 Smoke-free facilities			
9.1.8 Pole holes secured			
9.2 Inspections			
9.2.1 Annual code inspection			
9.2.2 Inspections documented			
9.2.3 Monthly safety and health inspection			
9.3 Maintenance and Repairs			
9.3 System to maintain facilities and correct safety or health hazards			
Chapter 10 Medical and Physical Requirements			
Chapter 10.1 Medical Requirements			
10.1.1 Medical qualified before becoming a member			

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
10.1.2 Medical evaluation considers risks and functions associated with duties			
10.1.3 Candidates and members meet NFPA 1582			
10.1.2 Aircraft pilots comply with FAA regulations			
10.1.5 Members under influence of drugs or alcohol excluded from participation			
10.2 Physical Performance Requirements			
10.2.1 Fire department develops requirements			
10.2.2 Candidates qualified prior to training			
10.2.3 Members annually qualified			
10.2.4 Members not qualified not involved in emergency operations			
10.2.5 Physical performance rehabilitation program available			
10.3 Health and Fitness			
10.3.1 Health and fitness program meets NFPA 1583			
10.3.2 Fitness levels determined by individual's assigned functions			
10.3.3 Health and fitness coordinator administers the program			
10.4 Confidential Health Data Base			
10.4.1 Individual health file for each member			
10.4.2 Health file complete			
10.4.3 Composite data base for analysis			
10.4.4 Autopsy results in health data base			
10.5 Infection Control			
10.5.1 Fire department limits or prevents member's exposure			
10.5.2 Infection control program meets NFPA 1581			
10.6 Fire Department Physician			
10.6.1 Fire department licensed physician officially designated			
10.6.2 Provides medical guidance in management of safety and health program			
10.6.4 Available on urgent basis			
10.6.5 Health and safety officer and health fitness coordinator liaison with physician			
Chapter 11 Behavioral Health and Wellness Programs			
11.1 Behavioral Health Program			
11.1.1. Provide member assistance program			
11.1.2 Program refers members to appropriate health care services			
11.1.3 Written policy on alcoholism and substance abuse			
11.1.4 Written rules for records			

Content	Compliance Y = Yes N = No N/A	Planned Compliance Date	Comments
11.1.5 Member assistance records not part of member's personnel file			
11.1.6 Program evaluated on a regular basis			
11.2 Wellness Program			
11.2.1 Wellness program preventative goals and strategies			
11.2.2 Wellness program uses peer reviewed and researched strategies supporting safety and efficacy of program			
11.2.2.1 Program on health effects with tobacco products			
Chapter 12 Occupational Exposure to Atypically Stressful Events			
12.1 General			
12.1.1 Physician to provide guidance			
12.1.2 Written policy that establishes program to relieve stress			
12.1.3 Criteria for implementation			