

Bureau of Fire Standards & Training

Division of State Fire Marshal



BUREAU of FIRE STANDARDS

GUIDANCE for REGULATORY COMPLIANCE

NOTICE:

The purpose of this document is to aid departments in ensuring compliance with Florida Administrative Code 69A-62. There is no regulation requiring that an employer use this exact format, however, in order to be in compliance with Florida Statutes and Florida Administrative Codes, an employer may use this or any other format that will satisfy all the requirements of the standard. This document may be adapted to each individual employer's need; forms can be shortened, expanded, or duplicated as needed. It does not substitute for a full reading and understanding of the respective statute or code.

How to use This Document

This document follows a step-by-step format intended to walk departments through the requirements of Florida Statute 633.502 – 633.536 (Florida Firefighters Occupational Safety and Health Act,) Florida Administrative Code 69A-62, OSHA 1910.120(q) (Hazardous Waste Operations and Emergency Response), and 1910.134 (Respiratory Protection.)

Relative to 1910.120(q), agencies not providing dedicated hazardous material responses must still adhere to the standard. In most cases these departments will fall under the hazardous materials emergency response plan for their respective county. When this situation exists the department must ensure its operating procedures are in line with the county's emergency response plan and responders trained to appropriate levels to support the plan.

HAZMAT EMERGENCY RESPONSE PLAN

OSHA 1910.120

The purpose of this section is to ensure **ALL** fire departments have a written plan for the response to emergencies involving hazardous materials. While not all fire departments will provide full hazardous material operations, the reality is any fire department can be called to scenes and locations involving hazardous materials. Most fire departments will gain compliance with this section by adopting and following the emergency response plan of their respective county.

| | | | Y | N | N/A | Reference |
|-----|----------------------------|--|---|---|-----|-----------|
| 1. | OSHA 1910.120(q)(1) | Is your Emergency Response Plan in writing? | | | | |
| 2. | OSHA 1910.120(q)(2)(i) | Does your plan include pre-emergency planning and coordination with outside parties? | | | | |
| 3. | OSHA 1910.120(q) (2)(ii) | Does your plan include personnel roles, lines of authority, training and communication | | | | |
| 4. | OSHA 1910.120(q) (2)(iii) | Does your plan include emergency recognition and prevention | | | | |
| 5. | OSHA 1910.120(q) (2)(iv) | Does your plan include safe distances and places of refuge | | | | |
| 6. | OSHA 1910.120(q) (2)(v) | Does your plan include site security and control | | | | |
| 7. | OSHA 1910.120(q) (2)(vi) | Does your plan include evacuation routes and procedures | | | | |
| 8. | OSHA 1910.120(q) (2)(vii) | Does your plan include decontamination procedures | | | | |
| 9. | OSHA 1910.120(q) (2)(viii) | Does your plan include providing emergency medical treatment and first aid | | | | |
| 10. | OSHA 1910.120(q) (2)(ix) | Does your plan include emergency alerting and response procedures | | | | |
| 11. | OSHA 1910.120(q) (2)(x) | Does your plan include critique of response and follow-up | | | | |
| 12. | OSHA 1910.120(q) (2)(xi) | Does your plan include required PPE and emergency equipment | | | | |

Procedures for Handling Emergency Response

OSHA 1910.120(q)(3)

The purpose of the sections is to ensure fire departments responsible for mitigating hazardous materials incidents have procedures for the implementation and operation of an effective incident command system (ICS). Additional considerations include proper usage of SCBA and assignment of medical coverage for emergency responders

| | | | | | | |
|-----|------------------------|---|--|--|--|--|
| 13. | OSHA 1910.120(q)(3)(i) | The senior response official is Incident Commander (IC) | | | | |
|-----|------------------------|---|--|--|--|--|

| | | | Y | N | N/A | Reference |
|-----|---------------------------|---|---|---|-----|-----------|
| 14. | OSHA 1910.120(q)(3)(i) | All responders and communications are coordinated & controlled through the IC | | | | |
| 15. | OSHA 1910.120(q)(3)(i) | The IC is assisted by the senior officials present (controls operations at the site). IC is passed up line of authority. | | | | |
| 16. | OSHA 1910.120(q)(3)(ii) | The IC identifies, does appropriate site analysis, use of engineering controls, maximum exposure limits, hazardous substance handling procedures and new technologies | | | | |
| 17. | OSHA 1910.120(q)(3)(iii) | The IC implements emergency response operations and assures PPE is worn appropriate for the hazards to be encountered. Minimum PPE is structural firefighting per 29 CFR 1910.156(e) | | | | |
| 18. | OSHA 1910.120(q)(3)(iv) | SCBAs are worn until the IC determines by air monitoring that reduced respiratory protection will not result in exposure to employees | | | | |
| 19. | OSHA 1910.120(q)(3)(v) | The IC limits the personnel in areas of potential or actual exposure to those who are actively performing emergency operations | | | | |
| 20. | OSHA 1910.120(q)(3)(v) | Hazardous areas operations use buddy system in groups of two or more | | | | |
| 21. | OSHA 1910.120(q)(3)(vi) | Back-up personnel standby ready to provide assistance / rescue | | | | |
| 22. | OSHA 1910.120(q)(3)(vi) | At a minimum BLS personnel are standing by with medical equipment and transport capability | | | | |
| 23. | OSHA 1910.120(q)(3)(vii) | The IC designates a knowledgeable Safety Officer | | | | |
| 24. | OSHA 1910.120(q)(3)(viii) | Safety Officer can alter, suspend, or terminate IDLH / imminent danger / condition activities. Safety Officer informs the IC of any actions needed to be taken to correct these hazards | | | | |
| 25. | OSHA 1910.120(q)(3)(ix) | The IC implements appropriate decontamination procedures | | | | |

Skilled Support Personnel

OSHA 1910.120(q)(4)

The intent of this section is to ensure the safety of personnel providing for the ultimate mitigation of the hazardous materials incident other than firefighters is taken into consideration whenever utilized in the incident.

| | | | Y | N | N/A | Reference |
|-----|---------------------|---|---|---|-----|-----------|
| 26. | OSHA 1910.120(q)(4) | Are briefed prior to deployment in wearing of appropriate PPE what chemical hazards are involved, and specific duties to be performed | | | | |
| 27. | OSHA 1910.120(q)(4) | All safety / health precautions provided to FFs are provided to skilled support personnel | | | | |

Training – Skill and knowledge provided prior to emergency operations

OSHA 1910.120(q)(6)

The intent of this section is to ensure individuals who could potentially respond to hazardous materials incidents be properly trained to a safe level prior to the incident. This section also addresses the ongoing training of responder as well as the knowledge and abilities of the Incident Commander (IC).

| | | | | | | |
|-----|---------------------------|--|--|--|--|--|
| 28. | OSHA 1910.120(q)(6)(i) | First Responder Awareness level – have all members completed this course? | | | | |
| 29. | OSHA 1910.120(q)(6)(ii) | First Responder Operations Level – Have all members completed this course? | | | | |
| 30. | OSHA 1910.120(1)(6)(iii) | If using haz mat techs, are the trained? | | | | |
| 31. | OSHA 1910.120(q)(6)(iv) | If using specialists, are the appropriately trained? | | | | |
| 32. | OSHA 1910.120(q)(6)(v) | IC at or above “Awareness” incidents received minimum 24 hours Hazmat Ops training | | | | |
| 33. | OSHA 1910.120(q)(6)(v)(A) | IC able to implement Incident Command System | | | | |
| 34. | OSHA 1910.120(q)(6)(v)(B) | IC able to implement Emergency Response Plan | | | | |
| 35. | OSHA 1910.120(q)(6)(v)(C) | IC knows / understands the hazards / risks of employees working in chemical protective clothing | | | | |
| 36. | OSHA 1910.120(q)(6)(v)(D) | IC is able to implement the local emergency response plan | | | | |
| 37. | OSHA 1910.120(q)(6)(v)(E) | IC knows of the Statewide Emergency Response Plan (SERP) and Federal Regional Response Team | | | | |
| 38. | OSHA 1910.120(q)(6)(v)(F) | IC knows / understands the importance of decon procedures | | | | |
| 39. | OSHA 1910.120(q)(7) | Trainers of awareness, ops, tech, specialist conducted by competent instructors with command of subject matter | | | | |

| | | | Y | N | N/A | Reference |
|--|---------------------------|---|---|---|-----|-----------|
| 40. | OSHA 1910.120(q)(8)(i) | Annual refresher training of sufficient content and duration to maintain competencies / demonstrate competency annually | | | | |
| 41. | OSHA 1910.120(q)(8)(ii) | Record the training / competency. Record methodology | | | | |
| Respiratory Protection Program OSHA 1910.134 The intent of this section is to ensure ALL departments have a written respiratory protection program implemented and adhered to. Many departments may need to “partner” or collaborate with other nearby fire service agencies to provide this service. Specific considerations focus on medical evaluation, fit testing, and on-going training of firefighters. | | | | | | |
| 42. | OSHA 1910.134(c) | Program written & administered by a trained administrator & has the following provisions (as applicable) | | | | |
| 43. | OSHA 1910.134(c)(1) | Program is updated to reflect changes that affect respirator use | | | | |
| 44. | OSHA 1910.134(c)(1)(i) | Procedures for selecting respirators for use in the workplace | | | | |
| 45. | OSHA 1910.134(c)(1)(ii) | Medical evaluations of employees required to use respirators | | | | |
| 46. | OSHA 1910.134(c)(1)(iii) | Fit testing procedures for tight fitting respirators | | | | |
| 47. | OSHA 1910.134(c)(1)(iv) | Proper use of respirators in routine and reasonable foreseeable emergency situations | | | | |
| 48. | OSHA 1910.134(c)(1)(v) | When and how respirators are cleaned, stored, inspected,, repaired, and discarded | | | | |
| 49. | OSHA 1910.134(c)(1)(vi) | Procedures to ensure adequate air quality, quantity, and flow of breathing air for atmosphere-supplying respirators | | | | |
| 50. | OSHA 1910.134(c)(1)(vii) | FF training relative to respiratory hazards during routine and emergency situations | | | | |
| 51. | OSHA 1910.134(c)(1)(viii) | FF training in proper use, donning, doffing, limitations and maintenance | | | | |
| 52. | OSHA 1910.134(c)(1)(ix) | Procedures for regularly evaluating effectiveness of the program | | | | |
| 53. | OSHA 1910.134(c)(3) | Program administrator qualified through training and/or experience | | | | |
| 54. | OSHA 1910.134(c)(4) | FD provides respirators, training, and medical evaluations at no cost to employees | | | | |

Respirator Selection

OSHA 1910.134(d)

The intent of this section is to ensure emergency responders are provided with the necessary respirators to allow them to stay safe when operating in “Immediately Dangerous to Life and Health” (IDLH) environments.

| | | | Y | N | N/A | Reference |
|-----|---------------------------|--|---|---|-----|-----------|
| 55. | OSHA 1910.134(d)(1)(i) | FD provides respirators based on the respiratory hazards to which the worker is exposed and workplace use factors that affect respirator performance and reliability | | | | |
| 56. | OSHA 1910.134(d)(1)(ii) | FD selected a NIOSH-certified respirator. Respirator used in compliance with the conditions of its certification | | | | |
| 57. | OSHA 1910.134(d)(1)(iii) | FD considers the atmosphere to be IDLH when in doubt | | | | |
| 58. | OSHA 1910.134(d)(1)(iv) | FD selects respirator models and sizes so that the respirator is acceptable to, and correctly fits, the user | | | | |
| 59. | OSHA 1910.134(d)(2) | Respirators for IDLH atmospheres. | | | | |
| 60. | OSHA 1910.134(d)(2)(i)(A) | SCBA certified by NIOSH for a minimum service life of thirty minutes. | | | | |
| 61. | OSHA 1910.134(d)(2)(i)(B) | A combination full facepiece pressure demand supplied-air respirator (SAR) with auxiliary self-contained air supply | | | | |
| 62. | OSHA 1910.134(d)(2)(ii) | Escape respirators are NIOSH-certified for the atmosphere in which they will be used | | | | |
| 63. | OSHA 1910.134(d)(2)(iii) | Oxygen-deficient atmosphere is IDLH | | | | |

Medical Evaluations: Fit for Duty to Work in SCBA

OSHA 1910.134(e)

The intent of this section is to insure fire departments provide for medical evaluations to be conducted prior to firefighters wearing respirators and entering IDLH environments.

| | | | | | | |
|-----|-------------------------|---|--|--|--|--|
| 64. | OSHA 1910.134(e)(1) | FD provides a medical evaluation to determine the FF's ability to use a respirator, before fit testing , usage | | | | |
| 65. | OSHA 1910.134(e)(2)(i) | FD has a physician or other licensed health care professional (PLHCP) to perform medical evaluations using a medical questionnaire or an initial medical examination that obtains the same information as the medical questionnaire | | | | |
| 66. | OSHA 1910.134(e)(2)(ii) | Medical evaluation obtains the information requested by the questionnaire in Sections 1 and 2, Part A of Appendix C | | | | |

| <p align="center">Follow-up Medical Examinations OSHA 1910.134(e)(3)</p> <p align="center">The intent of this section is to ensure firefighters have the opportunity to receive a follow-up medical examination under certain circumstances and firefighters will be provided with confidentiality in answering questions.</p> | | | | | | |
|--|---------------------------|---|---|---|-----|-----------|
| | | | Y | N | N/A | Reference |
| 67. | OSHA 1910.134(e)(3)(i) | Follow-up medical examination is provided for any FF who gives a positive response to any question 1 through 8 in Section 2, Part A of Appendix C or whose initial medical exam indicates a need for a follow-up medical exam | | | | |
| 68. | OSHA 1910.134(e)(3)(ii) | Follow-up exam includes any medical tests, consultations, or diagnostic procedures PLHCP deems necessary to make a final determination | | | | |
| 69. | OSHA 1910.134(e)(4) | <i>Administration of the medical questionnaire and examinations</i> | | | | |
| 70. | OSHA 1910.134(e)(4)(i) | Questionnaire / examinations shall be administered confidentially during FF's shift or at a time and place convenient to the employee | | | | |
| 71. | OSHA 1910.134(e)(4)(ii) | Provides FFs with an opportunity to discuss the questionnaire and examination results with the PLHCP | | | | |
| <p align="center">Supplemental Information for the PHLHCP Before Recommendation OSHA 1910.134(e)(5)</p> <p align="center">The intent of this section is to ensure fire departments provide specific information to medical professional conducting medical evaluations of firefighters who will be wearing respirators. This information includes type and weight of the respirator as well as conditions to be expected when wearing the respirator.</p> | | | | | | |
| 72. | OSHA 1910.134(e)(5)(i)(A) | Type and weight of the respirator to be used by the employee | | | | |
| 73. | OSHA 1910.134(e)(5)(i)(B) | Duration and frequency of respirator use | | | | |
| 74. | OSHA 1910.134(e)(5)(i)(C) | Expected physical work effort | | | | |
| 75. | OSHA 1910.134(e)(5)(i)(D) | Additional protective clothing and equipment to be worn | | | | |
| 76. | OSHA 1910.134(e)(5)(i)(E) | Temperature and humidity extremes that may be encountered | | | | |
| 77. | OSHA 1910.134(e)(5)(iii) | Provides PLHCP with a copy of the written respiratory protection program and a copy of OSHA 1910.134(e) | | | | |

Medical Determination of FF's Ability to use a Respirator

OSHA 1910.134(e)(6)

The intent of this section is to ensure fire departments receive a written recommendation as to the firefighter's ability to wear (or not) a respirator and these recommendations are provided to the employee.

| | | | Y | N | N/A | Reference |
|-----|---------------------------|--|---|---|-----|-----------|
| 78. | OSHA 1910.134(e)(6)(i) | Obtains a written recommendation of the following | | | | |
| 79. | OSHA 1910.134(e)(6)(i)(A) | FF's ability to use the respirator from the PLHCP | | | | |
| 80. | OSHA 1910.134(e)(6)(i)(B) | The need, if any, for follow-up medical evaluation is needed | | | | |
| 81. | OSHA 1910.134(e)(6)(i)(C) | Confirms PLHCP has provided the employee with a copy of written recommendation | | | | |

Additional Medical Evaluations Provided if:

OSHA 1910.134(e)(7)

The intent of this section is to ensure follow-up medical evaluations are provided if certain criteria occur.

| | | | | | | |
|-----|--------------------------|---|--|--|--|--|
| 82. | OSHA 1910.134(e)(7)(i) | FF reports medical signs or symptoms related to ability to use a respirator | | | | |
| 83. | OSHA 1910.134(e)(7)(ii) | PLHCP, supervisor, or the respirator program administrator informs FD an employee needs to be reevaluated | | | | |
| 84. | OSHA 1910.134(e)(7)(iii) | Information, including observations made during fit testing and program evaluation, indicates need for FF reevaluation; | | | | |
| 85. | OSHA 1910.134(e)(7)(iv) | or change workplace conditions that could increase physiological burden on FF | | | | |

Fit Testing

OSHA 1910.134(f)

The intent of this section is to ensure firefighters receive a proper fit testing prior to using a respirator for the first time and annually thereafter.

| | | | | | | |
|-----|---------------------|---|--|--|--|--|
| 86. | OSHA 1910.134(f)(1) | FFs pass qualitative fit test (QLFT) or quantitative fit test (QNFT). | | | | |
| 87. | OSHA 1910.134(f)(2) | FFs fit tested prior to initial use of the respirator, whenever a different respirator facepiece is used, and at least annually | | | | |
| 88. | OSHA 1910.134(f)(3) | Additional fit test whenever observations of changes in employee's physical condition affecting respirator fit | | | | |

| | | | Y | N | N/A | Reference |
|--|---------------------------|--|---|---|-----|-----------|
| 89. | OSHA 1910.134(f)(4) | If after passing fit test, FF reports respirator fit is unacceptable, FF given reasonable opportunity to select a different respirator facepiece and to be retested | | | | |
| 90. | OSHA 1910.134(f)(5) | Fit test administered using OSHA accepted QLFT or QNFT procedure | | | | |
| OSHA QLFT & QNFT Protocol / Procedures (Appendix A) OSHA 1910.134(f)(5) The intent of this section is to ensure fire departments utilize consistent procedures for conducting both qualitative and quantitative fit testing | | | | | | |
| 91. | OSHA 1910.134(f)(7) | QNFT protocol, equal to or greater than 500 is passing | | | | |
| 92. | OSHA 1910.134(f)(8) | Fit testing is conducted in the negative pressure mode | | | | |
| 93. | OSHA 1910.134(f)(8)(i) | QLFT fit testing accomplished by converting FF's actual facepiece into a negative pressure respirator with appropriate filters, or uses an identical negative pressure air-purifying respirator facepiece with same sealing surfaces | | | | |
| 94. | OSHA 1910.134(f)(8)(ii) | QNFT fit testing accomplished by modifying facepiece | | | | |
| 95. | OSHA 1910.134(f)(8)(iii) | Modified facepieces are restored to NIOSH-approved configuration, before that facepiece be used in workplace | | | | |
| Use of Respirators and Facemask Seal Protection OSHA 1910.134(g) The intent of this section is to ensure fire departments do not allow firefighters to wear mask when certain conditions exist that minimizes the effectiveness of the respirator to keep the firefighter safe. | | | | | | |
| 96. | OSHA 1910.134(g)(1)(i) | FD does not permit respirators with tight-fitting facepieces to be worn by employees who have | | | | |
| 97. | OSHA 1910.134(g)(1)(i)(A) | Facial hair that comes between the sealing surface of the facepiece and the face or that interferes with valve function | | | | |
| 98. | OSHA 1910.134(g)(1)(i)(B) | Any condition that interferes with the face-to-facepiece seal or valve function | | | | |
| 99. | OSHA 1910.134(g)(1)(ii) | Corrective glasses, goggles, or PPE, worn in a manner to not interfere with the seal of the facepiece to the face. | | | | |
| 100 | OSHA 1910.134(g)(1)(iii) | FFs perform a user seal check each time they put on the respirator using the procedures in Appendix B-1 or procedures recommended by the respirator manufacturer. | | | | |

Continuing Respirator Effectiveness

OSHA 1910.134(g)(2)

The intent of this section is to ensure fire departments have policies in place requiring firefighters to leave environments whenever it is believed the integrity of the mask has been compromised.

| | | | Y | N | N/A | Reference |
|-----|----------------------------|--|---|---|-----|-----------|
| 101 | OSHA 1910.134(g)(2)(ii)(B) | FD requires FFs leave area if vapor or gas breakthrough, changes in breathing resistance, or leakage of the facepiece | | | | |
| 102 | OSHA 1910.134(g)(2)(iii) | If vapor/gas breakthrough, changes in breathing resistance, or leakage of facepiece, the FD replaces or repairs respirator before returning to service | | | | |

Procedures for non-structure fire IDLH atmospheres. FD ensures:

OSHA 1910.134(g)(3)

The intent of this section is to ensure ALL fire departments have written rescue procedures in place before personnel operate in an IDLH environment.

| | | | | | | |
|-----|----------------------------|--|--|--|--|--|
| 103 | OSHA 1910.134(g)(3)(i) | One FF or, when needed, more than one FF located outside the IDLH atmosphere | | | | |
| 104 | OSHA 1910.134(g)(3)(ii) | Visual, voice, or signal line communication is maintained between FFs in the IDLH atmosphere and FFs located outside the IDLH atmosphere | | | | |
| 105 | OSHA 1910.134(g)(3)(iii) | FFs located outside the IDLH atmosphere are trained and equipped to provide effective emergency rescue | | | | |
| 106 | OSHA 1910.134(g)(3)(iv) | Incident Command is notified before FFs enter the IDLH atmosphere to provide emergency rescue | | | | |
| 107 | OSHA 1910.134(g)(3)(v) | Incident Command, once notified, provides necessary assistance appropriate to the situation | | | | |
| 108 | OSHA 1910.134(g)(3)(vi)(A) | FFs located outside the IDLH atmospheres are equipped with SCBAs, or supplied-air respirator with auxiliary SCBA | | | | |
| 109 | OSHA 1910.134(g)(3)(vi)(B) | Retrieval equipment present where retrieval equipment would contribute to the rescue of the FFs and would not increase the overall risk resulting from entry; or | | | | |
| 110 | OSHA 1910.134(g)(3)(vi)(C) | Equivalent means for rescue where retrieval equipment is not required | | | | |

Procedures for Interior Structural Firefighting. FD ensures:

OSHA 1910.134(g)(4)

The intent of this section is to ensure ALL fire departments have in place written "2 in / 2 out" procedures before interior fire suppression operations begin. Must meet all requirements in paragraph (g)(3) plus below.

| | | | Y | N | N/A | Reference |
|-----|--------------------------|--|---|---|-----|-----------|
| 111 | OSHA 1910.134(g)(4)(i) | At least two FFs enter the IDLH atmosphere and remain in visual or voice contact with one another at all times | | | | |
| 112 | OSHA 1910.134(g)(4)(ii) | At least two FF are located outside the IDLH atmosphere | | | | |
| 113 | OSHA 1910.134(g)(4)(iii) | All FFs engaged in interior structural firefighting use SCBA | | | | |

Maintenance and Care of Respirators

OSHA 1910.134(h)

The intent of this section is to ensure fire departments have in place effective procedures for cleaning and maintaining respirators.

| | | | | | | |
|-----|----------------------------|---|--|--|--|--|
| 114 | OSHA 1910.134(h)(1) | FD provides each FF with a respirator that is clean, sanitary, and in good working order | | | | |
| 115 | OSHA 1910.134(h)(1)(iii) | Respirators cleaned and disinfected after each use using 1910.123 Appendix B-2 or manufacturers recommendations | | | | |
| 116 | OSHA 1910.134(h)(2)(i) | Respirators stored to protect them from damage | | | | |
| 117 | OSHA 1910.134(h)(2)(ii)(A) | Respirators are kept accessible to the FF | | | | |
| 118 | OSHA 1910.134(h)(2)(ii)(C) | Stored in accordance with manufacturer instructions | | | | |
| 119 | OSHA 1910.134(h)(3)(i)(A) | Respirators inspected before each use and during cleaning | | | | |
| 120 | OSHA 1910.134(h)(3)(i)(B) | Respirators inspected monthly | | | | |
| 121 | OSHA 1910.134(h)(3)(i)(C) | Emergency escape-only respirators inspected before use | | | | |
| 122 | OSHA 1910.134(h)(3)(ii)(A) | FFs check respirator function, connections, facepiece, head straps, valves, regulator, etc. | | | | |
| 123 | OSHA 1910.134(h)(3)(ii)(B) | Check elastomeric parts for pliability and signs of deterioration | | | | |

| | | | Y | N | N/A | Reference |
|-----|----------------------------|--|---|---|-----|-----------|
| 124 | OSHA 1910.134(h)(3)(iii) | SCBA inspected monthly. Cylinders filled is less than 90% of manufacturer's recommended pressure. Regulator and warning devices function properly. | | | | |
| 125 | OSHA 1910.134(h)(3)(iv)(A) | Documents inspections | | | | |
| 126 | OSHA 1910.134(h)(3)(iv)(B) | Information is included in inspection reports stored as paper or electronic files. | | | | |
| 127 | OSHA 1910.134(h)(4) | Respirators failing an inspection or defective removed from service, and are discarded, repaired or adjusted as below: | | | | |
| 128 | OSHA 1910.134(h)(4)(i) | Repairs or adjustments made by persons trained to perform operations and use only manufacturer's NIOSH-approved parts designed for the respirator | | | | |
| 129 | OSHA 1910.134(h)(4)(ii) | Repairs made according to the manufacturer's recommendations and specifications | | | | |
| 130 | OSHA 1910.134(h)(4)(iii) | Reducing and admission valves, regulators, and alarms adjusted or repaired only by a technician trained by the manufacturer | | | | |
| 131 | OSHA 1910.134(i)(1) | FD ensures compressed air, compressed oxygen, liquid air, and liquid oxygen used for respiration accords with the following specifications: | | | | |
| 132 | OSHA 1910.134(i)(1)(i) | Compressed and liquid oxygen meets United States Pharmacopoeia requirements for medical or breathing oxygen. | | | | |
| 133 | OSHA 1910.134(i)(1)(ii) | Compressed breathing meets at least the requirements for Grade D breathing air | | | | |
| 134 | OSHA 1910.134(i)(1)(ii)(A) | Oxygen content (v/v) of 19.5-23.5% | | | | |

| | | | Y | N | N/A | Reference |
|---|----------------------------|---|---|---|-----|-----------|
| 135 | OSHA 1910.134(i)(1)(ii)(B) | Hydrocarbon (condensed) content of 5 milligrams per cubic meter of air or less | | | | |
| 136 | OSHA 1910.134(i)(1)(ii)(C) | Carbon monoxide (CO) content of 10 ppm or less | | | | |
| 137 | OSHA 1910.134(i)(1)(ii)(D) | Carbon dioxide content of 1,000 ppm or less | | | | |
| 138 | OSHA 1910.134(i)(1)(ii)(E) | Lack of noticeable odor | | | | |
| 139 | OSHA 1910.134(i)(3) | Oxygen concentrations greater than 23.5% are used only in equipment designed for oxygen service or distribution | | | | |
| Cylinders used to Supply Breathing Air Meet Following: OSHA 1910.134(i)(4) The intent of this section is to ensure fire departments are utilizing proper testing and maintenance procedures for breathing air cylinders. | | | | | | |
| 140 | OSHA 1910.134(i)(4)(i) | Cylinders tested and maintained as prescribed in the Shipping Container Specification Regulations of the Department of Transportation (49 CFR part 180) | | | | |
| 141 | OSHA 1910.134(i)(4)(ii) | Cylinders of purchased breathing air have a certificate of analysis from the supplier indicating breathing air meets the requirements for Grade D breathing air | | | | |
| 142 | OSHA 1910.134(i)(4)(iii) | Moisture content in cylinder does not exceed a dew point of -50 degrees F (-45.6 degrees C) at 1 atmosphere pressure | | | | |
| Compressors for Breathing Air to Respirator are Constructed to: OSHA 1910.134(i)(5)(i) The intent of this section is to ensure fire departments utilize compressors for breathing air that properly purify air and are maintained to specific standards. | | | | | | |
| 143 | OSHA 1910.134(i)(5) | Prevent entry of contaminated air into the air-supply system | | | | |
| 144 | OSHA 1910.134(i)(5)(i) | Minimize moisture content so that the dew point at 1 atmosphere pressure is 10 degrees F (5.56 deg.C) below the ambient temperature | | | | |
| 145 | OSHA 1910.134(i)(5)(ii) | Suitable in-line air-purifying sorbent beds and filters to further ensure breathing air quality. Sorbent beds and filters maintained and replaced or refurbished periodically following the manufacturer's instructions | | | | |
| 146 | OSHA 1910.134(i)(5)(iii) | Tag containing most recent change date and the signature of the person authorized to perform the change. Tag maintained at the compressor | | | | |
| 147 | OSHA 1910.134(i)(6) | CO levels in the breathing air do not exceed 10 ppm | | | | |

| | | | Y | N | N/A | Reference |
|--|--------------------------|---|---|---|-----|-----------|
| 148 | OSHA 1910.134(i)(7) | FD uses high-temp or CO alarm, or both, to monitor CO levels. If only high-temperature alarms, air supply monitored at intervals sufficient to prevent carbon monoxide in the breathing air from exceeding 10 ppm | | | | |
| 149 | OSHA 1910.134(i)(8) | Breathing air couplings are incompatible with other air/gas systems. No asphyxiating substance introduced into breathing air lines | | | | |
| 150 | OSHA 1910.134(i)(9) | FD uses only respirator manufacturer's NIOSH-approved breathing-gas containers | | | | |
| 151 | OSHA 1910.134(j) | FD ensures all filters, cartridges and canisters used are labeled and color coded and legible | | | | |
| Training and Information. Each FF Demonstrates | | | | | | |
| OSHA 1910.134(k)(1) | | | | | | |
| The intent of this section is to ensure firefighters are properly trained in the need for, and limitations of, all respirators they may use. | | | | | | |
| 152 | OSHA 1910.134(k)(1)(i) | Necessity of respirator, how improper fit, usage, or maintenance can compromise the protective effect of the respirator | | | | |
| 153 | OSHA 1910.134(k)(1)(ii) | Limitations and capabilities of the respirator | | | | |
| 154 | OSHA 1910.134(k)(1)(iii) | Use of respirator in emergency situations & malfunctions | | | | |
| 155 | OSHA 1910.134(k)(1)(iv) | How to inspect, don, doff, use, and check seal | | | | |
| 156 | OSHA 1910.134(k)(1)(v) | Procedures for maintenance and storage of the respirator | | | | |
| 157 | OSHA 1910.134(k)(1)(vi) | Medical signs and symptoms limiting / preventing effective use of respirators | | | | |
| 158 | OSHA 1910.134(k)(2) | Training conducted in a manner understandable to FF | | | | |
| 159 | OSHA 1910.134(k)(3) | FD provides training prior to requiring respirator use | | | | |
| 160 | OSHA 1910.134(k)(4) | New FFs must demonstrate knowledge or be re-trained | | | | |
| 161 | OSHA 1910.134(k)(5) | Retraining administered annually, and when | | | | |
| 162 | OSHA 1910.134(k)(5)(i) | Workplace changes or type of respirator render previous training obsolete | | | | |
| 163 | OSHA 1910.134(k)(5)(ii) | Inadequacies in FF's knowledge or use of the respirator indicate FF has not retained requisite understanding / skill | | | | |
| 164 | OSHA 1910.134(k)(5)(iii) | Situation arises in which retraining appears necessary to ensure safe respirator use | | | | |

Program Evaluation is Conducted to Ensure Program Compliance & Effectiveness

OSHA 1910.134(l)(1)

The intent of this section is to ensure fire departments are regularly conducting assessments to ensure the respiratory protection program is effective and compliant.

| | | | Y | N | N/A | Reference |
|-----|--------------------------|--|---|---|-----|-----------|
| 165 | OSHA 1910.134(l)(2) | FD consults FFs on program effectiveness and to identify any problems. Problems identified corrected. Factors assessed include, but are not limited to | | | | |
| 166 | OSHA 1910.134(l)(2)(i) | Respirator fit (including respirator impact on performance) | | | | |
| 167 | OSHA 1910.134(l)(2)(ii) | Appropriate respirator selection for the hazards to which FF is exposed | | | | |
| 168 | OSHA 1910.134(l)(2)(iii) | Proper respirator use under conditions the FF encounters | | | | |
| 169 | OSHA 1910.134(l)(2)(iv) | Proper respirator maintenance | | | | |

Records are Maintained for Medical Evaluation, Fit Testing and the Respirator Program

OSHA 1910.134(m)

The intent of this section is to ensure fire departments maintain medical evaluation, fit testing, and respiratory protection program records for specific periods of time. (Medical records duration of employment + 30 years.)

| | | | | | | |
|-----|---------------------|---|--|--|--|--|
| 170 | OSHA 1910.134(m)(i) | Medical evaluations required by this section are retained and made available in accordance with 29 CFR 1910.1020(d) | | | | |
|-----|---------------------|---|--|--|--|--|

Fit Testing. Records of QLFT / QNFT Tests Include:

OSHA 1910.134(m)(2)(i)

The intent of this section is to ensure fire departments collect specific information relative to the fit testing of their respective firefighters and certain information is maintained and provided by the department.

| | | | | | | |
|-----|---------------------------|--|--|--|--|--|
| 171 | OSHA 1910.134(m)(2)(i)(A) | Name or identification of the FF tested | | | | |
| 172 | OSHA 1910.134(m)(2)(i)(B) | Type of fit test performed | | | | |
| 173 | OSHA 1910.134(m)(2)(i)(C) | Specific make, model, style, and size of respirator tested | | | | |
| 174 | OSHA 1910.134(m)(2)(i)(D) | Date of test | | | | |
| 175 | OSHA 1910.134(m)(2)(i)(E) | Pass/fail results for QLFTs or the fit factor and strip chart recording or other recording of the test results for QNFTs | | | | |
| 176 | OSHA 1910.134(m)(2)(ii) | Fit test records retained for respirator users until the next fit test is administered | | | | |
| 177 | OSHA 1910.134(m)(3) | Written copy of current respirator program retained by the FD | | | | |
| 178 | OSHA 1910.134(m)(4) | Written materials required to be retained made available upon request for examination and copying | | | | |

Requirements Applicable to Fire Scenes

69A-62.003

The intent of this section is to ensure fire departments utilize properly trained personnel in specific environments (IDLH) as well as having a familiarity with training standards of mutual aid partners.

| | | | Y | N | N/A | Reference |
|-----|------------------|---|---|---|-----|-----------|
| 179 | 69A-62.003(1) | All personnel participating in 2 in-2 out have successfully completed the training and examination requirements in 69A-37.055(2)(a), F.A.C | | | | |
| 180 | 69A-62.003(1(b)) | Volunteer firefighters having National Wildfire Coordinating Group (NWCG) S-130, S-190, and Standards for Survival certification by the Florida Division of Forestry may participate in wild land fire suppression. | | | | |
| 181 | 69A-62.003(2) | FD is familiar with the training standards of commonly used mutual aid agreements, automatic aid agreements, and other similar resources with other entities with whom the FD has an agreement. | | | | |
| 182 | 69A-62.003(2) | FD responding pursuant to a mutual aid agreement or automatic aid agreement or similar document is responsible for the training and certification of its own personnel | | | | |
| 183 | 69A-62.003(2) | Responders to requests for assistance shall be with personnel meeting the training requirements in 69A-37.055(2)(a) FAC. | | | | |
| 184 | 69A-62.003(3) | FD only utilizes non-certified personnel in support service positions (no entry into "hot zone" / IDLH.) | | | | |

Presence of Toxic Substances in the Firefighter Place of Employment

69A-62.004

The intent of this section is to ensure fire departments have proper procedures for marking and handling toxic substances within the fire station. NOTE: OSHA does not consider common household quantities to be bulk storage of toxic substances.

| | | | Y | N | N/A | Reference |
|-----|------------------|---|---|---|-----|-----------|
| 185 | 69A-62.004(1)(a) | A list of work areas, identified by name and location, where toxic substances, as defined in subsection (3) and not exempted by subsection (4), are present, (chemical and common name of each toxic substance) | | | | |
| 186 | 69A-62.004(1)(b) | MSDS present for each toxic substance listed | | | | |
| 187 | 69A-62.004(2) | FD updates changes in the work areas where toxic substances are stored, or the addition of toxic substances in the firefighter place of employment. | | | | |
| 188 | 69A-62.004(5) | FD posts a notice in a place where notices are normally posted, informing firefighter employees of their rights under the law. | | | | |

Minimum Requirements for Comprehensive Safety and Health Program

69A-62.021

The intent of this section is to ensure fire departments have in place specific information relative to a safety and health program.

| | | | | | | |
|-----|------------------|---|--|--|--|--|
| 189 | 69A-62.021(1) | Safety policy clearly identifies safety and health management is of primary importance and that all places of employment shall be free of recognizable workplace and environmental hazards. | | | | |
| 190 | 69A-62.021(1) | Policy delegates responsibilities for implementing program. | | | | |
| 191 | 69A-62.021(2) | Safety rules equivalent / exceed applicable rule standards developed | | | | |
| 192 | 69A-62.021(3) | FD has written Safety and Health Training Program | | | | |
| 193 | 69A-62.021(3)(a) | Training given by supervisors or instructors to new FFs and FFs transferring to new jobs, on operating procedures of vehicles and equipment to be utilized | | | | |
| 194 | 69A-62.021(3)(b) | Instructional training for supervisors is given which includes management, incident command, and control. | | | | |
| 195 | 69A-62.021(3)(c) | Specialized training per division rules, for those FF & supervisors providing response, rescue and or mitigation to non-traditional fire suppression activities | | | | |

| | | | Y | N | N/A | Reference |
|-----|------------------|--|---|---|-----|-----------|
| 196 | 69A-62.021(3)(d) | All emergency vehicle operators (EVOs) have completed a 16 hr emergency vehicle driving course | | | | |
| 197 | 69A-62.021(3)(d) | EVOs familiarized with any FD vehicles prior to operation | | | | |
| 198 | 69A-62.021(e) | Goals and objectives of the safety training program listed | | | | |
| 199 | 69A-62.021(f) | Person(s) responsible for safety & person(s) responsible for the conduct of safety training identified | | | | |
| 200 | 69A-62.021(g) | Specific method(s) of presentation | | | | |
| 201 | 69A-62.021(h) | Procedures present for analysis of accidents, illnesses and injuries (cause of the incident / methods for prevention) | | | | |
| 202 | 69A-62.021(i) | A training program outline | | | | |
| 203 | 69A-62.021(j) | A hazard identification system | | | | |
| 204 | 69A-62.021(k) | Training provided for all FFs and officers commensurate with duties. | | | | |
| 205 | 633.416(1)(a) | Career Chief must hold Firefighter Certificate of Compliance or: | | | | |
| 206 | 633.416(1)(b) | Special Chief certification must be obtained within 1 year | | | | |
| 207 | 633.416(2) | Volunteer Chief must hold Volunteer Certificate of Completion | | | | |
| 208 | 69A-62.021(k) | Training provided before performing activities | | | | |
| 209 | 69A-62.021(k) | Officers provided more comprehensive training than FFs | | | | |
| 210 | 69A-62.021(4) | Training conducted frequently enough to assure FFs can perform assigned duties satisfactorily and safely | | | | |
| 211 | 69A-62.021(4) | All training is documented and a permanent record kept. | | | | |
| 212 | 69A-62.021(5) | The quality of FF & officer training similar to FSFC | | | | |
| 213 | 69A-62.021(6) | Informs FFs of known special hazards they might be exposed during fire and emergencies such as storage / use of flammable liquids / gases, toxic chemicals, radioactive sources, & water reactive substances | | | | |
| 214 | 69A-62.021(6) | FFs advised of changes in relation to the special hazards | | | | |
| 215 | 69A-62.021(6) | Written procedures describing the actions to be taken in situations involving the special hazards | | | | |
| 216 | 69A-62.021(6) | These procedures are included in the training program | | | | |
| 217 | 69A-62.021(7) | Policy present for enforcement of safety rules | | | | |
| 218 | 69A-62.021(7)(a) | FD has an investigation program to find facts of each accident, cite causes and recommend corrective action | | | | |

| | | | Y | N | N/A | Reference |
|---|---------------------------|--|---|---|-----|-----------|
| 219 | 69A-62.021(7)(a) | Accidents & near misses involving personnel, including medical only injuries, & accidents in which equipment or motor vehicles are damaged are investigated & results recorded | | | | |
| 220 | 69A-62.021(7)(b) | Incident Reporting – All injuries are reported using the Fire Service Casualty Module of NFIRS-5 | | | | |
| 221 | 69A-62.021(7)(c) | NFIRS-5 records all injuries, including type of accident, agencies, nature or type of injury, body location, the specific activity at the time of the injury or occurrence, cause of injury, and contributing causes of injury | | | | |
| Record Keeping Responsibilities of Firefighter Employers | | | | | | |
| 69A-33 and 69A-37 | | | | | | |
| The intent of this section is to ensure fire departments properly record and maintain specific information relative to firefighter injuries | | | | | | |
| 222 | 69A-37.0335 & 69A-37.0385 | Maintains current roster using FCDICE at within 10 days of hiring / separation of firefighters. | | | | |
| 223 | 69A-62.033(1) | Maintains “Fire Service Log and Summary of Occupational Injuries, Diseases, and Illnesses” DFS-K4-1568 | | | | |
| 224 | 69A-62.033(1) | Records injury, illness, occupational disease, and fatality in the log and summary within six working days | | | | |
| 225 | 69A-62.033(1) | Person supervising preparation of the log signs the log | | | | |
| 226 | 69A-62.033(2) | Maintains & makes readily available upon request the following records: | | | | |
| 227 | 69A-62.033(2)(a) | “First Report of Injury or Illness,” is submitted within 6 working days of occurrence | | | | |
| 228 | 69A-62.033(2)(b) | NFIRS-5 is completed for each injury, illness, occupational disease, or fatality, within 6 days of occurrence | | | | |
| 229 | 69A-62.033(2)(c) | FF accident investigation records created by / submitted to the FF employer | | | | |
| 230 | 69A-62.033(3) | Employer shall establish / maintain records on a calendar year basis | | | | |
| 231 | 69A-62.033(4) | Maintains records required in subsections (1) & (2) for 3 years following the injury | | | | |
| 232 | 69A-62.033(5) | Phone number and address of the establishment where records are maintained | | | | |

Firefighter Employer Requirements

69A-62.042

The intent of this section is to ensure ALL fire departments have in place a properly functioning safety committee or safety coordinator.

| | | | Y | N | N/A | Reference |
|-----|-------------------|--|---|---|-----|-----------|
| 233 | 69A-62.042(1) | Has a safety committee or if less than 20 employees, a safety coordinator | | | | |
| 234 | 69A-62.042(1)(a) | Determines the number of safety committee members | | | | |
| 235 | 69A-62.042(1)(a) | FD representatives do not exceed the number of FF representatives | | | | |
| 236 | 69A-62.042(1)(b) | Reps are volunteers, elected by co-workers, appointed as last resort or CBA contract | | | | |
| 237 | 69A-62.042(1)(c) | FD ensures that the safety committee convenes in accordance with the following protocol | | | | |
| 238 | 69A-62.042(1)(c)1 | 1 st committee meeting is not more than forty-five days after the date of its inception | | | | |
| 239 | 69A-62.042(1)(c)2 | Scheduled meetings at least once each quarter during the calendar year | | | | |
| 240 | 69A-62.042(1)(d) | The FD issues a timely written response to each committee written recommendation. | | | | |
| 241 | 69A-62.042(1)(e) | Accurate committee minutes maintained & available to all FFs | | | | |
| 242 | 69A-62.042(1)(e) | FFs know where minutes are posted and available | | | | |
| 243 | 69A-62.042(1)(e) | FD maintains safety committee records for a period of not less than three calendar years | | | | |
| 244 | 69A-62.042(2) | Has centralized safety committee or a separate safety committee at each location | | | | |

Duties and Functions of the Safety Committee and Workplace Safety Coordinator

69A-62.043

The intent of this section is to identify specific functions of a fire department safety committee / safety coordinator.

| | | | | | | |
|-----|------------------|---|--|--|--|--|
| 245 | 69A-62.043(1)(a) | Establish / communicate procedures for conducting internal safety inspections of the workplace | | | | |
| 246 | 69A-62.043(1)(a) | Evaluates effectiveness of engineering, administrative, and personal protective control measures to protect firefighter employees from recognized hazards | | | | |

| | | | Y | N | N/A | Reference |
|-----|------------------|---|---|---|-----|-----------|
| 247 | 69A-62.043(1)(b) | Procedures exist for investigating accidents, incidents, reportable injuries, illnesses, diseases, & fatalities | | | | |
| 248 | 69A-62.043(1)(c) | Evaluate / recommend improvements to accident and illness prevention programs in the workplace | | | | |
| 249 | 69A-62.043(1)(c) | Ensures written updates to safety programs are completed | | | | |
| 250 | 69A-62.043(1)(d) | Establish / communicate guidelines for training members on the requirements of this rule | | | | |
| 251 | 69A-62.043(1)(e) | Scheduled date, time, and location of committee meetings posted | | | | |
| 252 | 69A-62.043(1)(f) | Committee meetings minutes are posted and copies provided upon written request | | | | |
| 253 | 69A-62.043(1)(g) | Retain in the workplace all written communications between FD and committee for at least 3 yrs | | | | |
| 254 | 69A-62.043(2) | Quorum required before official business may be transacted at a meeting | | | | |
| 255 | 69A-62.043(3) | Committee operates solely as a safety committee and not on unrelated matters | | | | |
| 256 | 69A-62.043(4) | The workplace safety coordinator , under the direction of the firefighter employer, shall | | | | |
| 257 | 69A-62.043(4)(a) | Establish / communicate procedures for internal safety inspections. | | | | |
| 258 | 69A-62.043(4)(b) | Establish / communicate procedures for investigating workplace accidents, safety-related incidents, injuries | | | | |
| 259 | 69A-62.043(4)(c) | Recommends improvements to accident and illness prevention programs in the workplace | | | | |
| 260 | 69A-62.043(4)(c) | Written updates and changes to rules, policies, and procedures of the safety programs are completed | | | | |
| 261 | 69A-62.043(4)(d) | Seek the input of FFs in complying with the responsibilities of this section | | | | |

Fire Department and Apparatus Maintenance

69A-62.024

The intent of this section is to ensure ALL departments have written policies on maintaining the workplace in a safe working condition and identify specific actions in respect to maintenance and inspection.

| | | | Y | N | N/A | Reference |
|-----|------------------|---|---|---|-----|-----------|
| 262 | 69A-62.024(3) | Fire department facilities maintained following FL Fire Prevention Code | | | | |
| 263 | 69A-62.024(4) | Written policy to maintain places of employment in safe working condition to include correction of safety or health hazard or code violation. | | | | |
| 264 | 69A-62.024(5)(a) | Quarterly inspections for safety and health hazards completed by safety committee. Documented and recorded using FD form to contain at minimum: general station conditions; housekeeping; exits; walking and working surfaces; apparatus floors/maintenance areas; laundry/cleaning/disinfecting areas/ building exterior and grounds; decontamination rooms; fire prevention and protection; hazardous materials; electrical wiring/fixtures/controls. | | | | |
| 265 | 69A-62.024(5)(B) | Hazards identified and reported to safety committee/coordinator. | | | | |
| 266 | 69A-62.024(6) | Places of employment designated tobacco free. | | | | |
| 267 | 69A-62.024(7) | Reasonable measures in place to keep exhaust from sleeping/living areas. | | | | |
| 268 | 69A-62.024(8) | Written policy prohibiting PPE in sleeping/living area and patient compartments. Reasonable measures to prevent contaminated equipment in crew passenger areas. | | | | |
| 269 | 69A-62.024(9) | Areas around pole secured to prevent accidental falling. | | | | |
| 270 | 69A-62.024(1) | If FD provides emergency medical services, FD shall have written infection control policy for disinfecting and cleaning of facilities, apparatus, and equipment. | | | | |
| 271 | 69A-62.024(11) | Written policy providing schedule of maintenance, inspection and testing of apparatus to include annual fire pump service and testing, aerial devices inspected and service tested annually, and all apparatus with CAFS tested annually. | | | | |

Employer Cancer Prevention Best Practices

69A-62.025

The intent of this section is to ensure ALL departments should strive for best practices to prevent cancer in relation to PPE, decontamination fire suppression apparatus, and fire stations.

| | | | | | | |
|-----|------------|--|--|--|--|--|
| 272 | 69A-62.025 | Green decon buckets, or equivalent, on apparatus and being utilized. | | | | |
| 273 | 69A-62.025 | Cancer, mental health, health and fitness training made available. | | | | |