

# **\*\*FIRE FIGHTER I\*\***

# **CERTIFICATION TEST**

# **DOCUMENTATION BOOKLET**

MSU Fire Services Training School

409 14<sup>th</sup> Street Southwest – Suite 1

Great Falls MT 59404-3297

Phone: (406) 761-7885

Fax: (406) 268-3735

**Website:** <http://www.montana.edu/wwwfire>

*This certification process is accredited by:*



*International Fire Service Accreditation Congress (IFSA)*

*and*

*National Board on Fire Service Professional Qualifications (Pro Board)*



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**Safety** - All of the performance elements/objectives shall be performed swiftly, safely, and with competence. Each element/objective shall be demonstrated in its entirety.

**Fitness Requirements**

The signature of the Chief of the Fire Service Organization is evidence to FSTS that the candidate has met local requirements with regard to good physical and mental condition and has a background indicating good moral character. The local chief should ensure that the candidate has an appropriate background and physical and mental condition prior to beginning this test. NFPA 1582 (*Medical Requirements for Fire Fighters*) is recommended for use by local authorities in assessing the physical and medical evaluation of candidates.

\_\_\_\_\_  
**Chief Officer's Signature**

\_\_\_\_\_  
**Date**

**Facilities, Equipment and NFPA 1403 Compliance:**

The signature of the chief of the Fire Service Organization is evidence to FSTS that the facilities and equipment used for testing are in compliance with applicable NFPA Standards and NFPA 1403 Standard on Live Fire Training Evolutions is followed.

\_\_\_\_\_  
**Chief Officer's Signature**

\_\_\_\_\_  
**Date**

**Signature Verification:**

For the purpose of signature verification to sign off in this test booklet I certify my signature as:

**Signed:**

**Printed Name:**

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If you have questions, contact the FSTS at (406) 761-7885 during office hours, or any of the following representatives:

Troy Petersen	(406) 836-0086	Great Falls
Cory O'Brian	(406) 459-4595	Helena
Jerry Prete	(406) 461-2274	Miles City
Lyn Stimpson	(406) 461-4420	Jefferson Co
Brian Dodge	(406) 249-5590	Kalispell
Rick Paulsen	(406) 381-2390	Ravalli Co
Brandon Brunelle	(406) 230-2472	Glasgow
John Culbertson	(406) 771-4328	FSTS Office - Great Falls

**Upon Completion of this Test Documentation Booklet, make a copy for your records, then give to an FSTS Staff Member OR send to FSTS via certified mail. FSTS Address: MSU Fire Services Training School - Certification Program, 409 14<sup>th</sup> Street SW–Ste 1, Great Falls, Montana 59404.**

Duration of Certification:

Accredited certifications issued by the Montana Fire Services Training School do not have an expiration date. However, for purposes of progression within the FSTS certification system, a certification is recognized for five years from the test completion date. The policy regarding this is part of the Montana Fire Service Professional Qualifications Certification System, which is adopted by the Fire Services Training School Advisory Council. The policy is shown below.

### **304 Duration of Certification**

- 304.1 Certifications issued under this system are recognized for purposes of progression within the system from the test completion date to the date a revised testing process is implemented by FSTS, however, certification will be recognized for progression purposes for a minimum of 5 years from its date of issuance.
- 304.2 Individuals with certifications which have lapsed under 304.1, are treated as new to the level or system and must be re-tested to the current standard for a given level.

**Definitions and Acronyms** - The following definitions and acronyms for the terms indicated are intended for use with the Certification Program.

Approved - Acceptable to the FSTS or their authorized representative.

Authority having jurisdiction - Fire Services Training School (FSTS).

Candidate - The person who has made application for certification.

Define - To describe the basic qualities and principles.

Demonstrate - To show by actual use or simulation.

EAP - Employee Assistance Program

Fire company - Subpart of FSO to which an individual is assigned.

Fire department - An agency of government charged with primary fire protection responsibility within a city, county, reservation or district.

FSO - Fire service organization.

FSTS Website – <http://www.montana.edu/wwwfire>

Element – A single item, task or tactic that is tested under this program.

Identify - To physically select, indicate, or explain verbally or in writing, using standard terms recognized by the fire service.

IMS - Incident Management System

May - The term is used to state a permissive use or an alternative method to a specified requirement.

Objective - A goal that is achieved through the attainment of a skill, knowledge, or both, which can be observed or measured.

Qualified - Having satisfactorily completed the requirements of the objectives.

PAR - Personnel Accountability Report

PASS - Personal Alert Safety System

Safely - To perform the objective without unreasonable risk or injury to self, others, apparatus or equipment.

Shall - The term indicates a mandatory requirement.

Swiftly - The time, as determined by the qualified evaluator or FSTS that it takes to perform the element satisfactorily.

Technique - The systematic procedure by which a task is accomplished.

With competence - Possessing the knowledge, skill, and judgment needed to perform indicated objectives satisfactorily.

## **Fire Fighter I - Locally Tested Portion**

**Administered by Local Chief Officer or Certified Instructor**

**4.1 General.**

4.1.1 **General Knowledge Requirements.** (Resource: 7th Edition IFSTA ESSENTIALS of Fire Fighting p 12-28, 33-37, 198-201; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed., p 3-29)

**Describe the organization of the fire department.**

Candidate will provide a written narrative describing the operations and administrative staffing and duties of their Fire Service Organization (FSO).\* Resource: Your FSO Leadership

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**Explain the Fire Fighter I's role as a member of the organization.**

Candidate will provide a written narrative describing the role of fire fighter in their FSO.\*  
Resource: Your FSO Leadership

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_



**Explain the mission of the fire service and of the local fire department.**

Candidate will provide a narrative describing the mission of their FSO.\* Resource: Your FSO Leadership

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**Explain the function of a standard operating procedure.**

Candidate will provide a written narrative explaining the function of a standard operating procedure.  
(Resource: 7th Ed. IFSTA ESSENTIALS of FF p. 21, 49 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. P.16-17)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**Explain fire department rules and regulations that apply to the Fire Fighter I.**

Candidate will provide a written narrative which explains the rules and regulations that directly affect the Candidate. (The rules and regulations must, at a minimum, include the areas of duties and responsibilities, evaluation, and discipline.\*) Resource: Your FSO Leadership

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**Explain the value of fire and life safety initiatives in support of the fire department mission and to reduce fire fighter line-of-duty injuries and fatalities.**

Candidate will provide a written narrative explaining the value of fire and life safety initiatives as it relates to their fire service organization. (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 24-25 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 40-41)

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**Explain the role of other agencies that may respond to emergencies.**

Candidate will provide a written narrative explaining the role of EMS, law enforcement and other fire agencies that may respond to emergencies. Resource: Your FSO Leadership

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**Describe the signs and symptoms of behavioral and emotional distress.**

Candidate will provide a written narrative describing the signs and symptoms of behavioral and emotional distress.

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**Describe the aspects of a member assistance program.**

Candidate will provide a written narrative explaining the aspects of a member assistance program.

Resource: Local EAP or (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 34-36 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 48)

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Signed \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

**Explain the importance of physical fitness and a healthy lifestyle to the performance of the duties of a firefighter.**

Candidate will provide a written narrative explaining the importance of physical fitness and a healthy lifestyle relating to the performance of the duties of a fire fighter. (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 29-30 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 43)

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Signed \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

**Describe the responsibilities of a fire fighter as required by NFPA 1500, *Standard on Fire Department Occupational Safety and Health Program*, and adopted by the Candidate's FSO.**

Candidate has been provided with a written copy of the FSO's responsibilities of fire fighters as required by NFPA 1500 and will provide a written narrative describing those responsibilities.

(Resource: NFPA 1500, *Standard on Fire Department Occupational Safety and Health Program*, and leadership or procedures of FSO; 7th Ed. IFSTA ESSENTIALS of FF, p. 29 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 40-42)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**Locate information in departmental documents and standard or code material.**

Candidate has demonstrated locating information in departmental documents and standards or code materials.

**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**4.2 Fire Department Communications.**

4.2.1 Initiate the response to a reported emergency, given the report of an emergency, fire department standard operating procedures, and communications equipment, so that all necessary information is obtained, communications equipment is operated correctly, and the information is promptly and accurately relayed to the dispatch center. (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 58-63 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p.145, FSTS Skills Testing Guide 4 )

Candidate has initiated the response to a reported emergency.

**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

4.2.2 Receive a telephone call, given a fire department business phone, so that procedures for answering the phone are used and the caller's information is relayed. (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 58-63 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 145, FSTS Skills Testing Guide 5 )

Candidate has demonstrated receiving a business telephone call.

**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

### 4.3 Fireground Operations.

4.3.3 Establish and operate in work areas at emergency scenes, given protective equipment, traffic and scene control devices, structure fire and roadway emergency scenes, traffic hazards and downed electrical wires, photovoltaic power systems, battery storage systems, an assignment, and SOPs, so that procedures are followed, protective equipment is worn, protected work areas are established as directed using traffic and scene control devices, and the fire fighter performs assigned tasks only in established, protected work areas. (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 38-40 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 59, FSTS Skills Testing Guide 38)

**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

4.3.7 Attack a passenger vehicle fire operating as a member of a team, given PPE, an attack line, and hand tools, so that hazards are avoided, leaking flammable liquids are identified and controlled, protection from flash fires is maintained, all vehicle compartments are overhauled, and the fire is extinguished. (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 696-704 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 684, 686-687, FSTS Vehicle Fire Tactic)

**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

4.3.8 Extinguish fires in exterior Class A materials, given fires in stacks or piles, small unattached structures or storage containers that can be fought from the exterior, attack lines, hand tools and master stream devices, and an assignment, so that exposures are protected, the spread of fire is stopped, collapse hazards are avoided, water application is effective, the fire is extinguished, and signs of the origin area(s) and arson are preserved. (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p.704-706 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 674, FSTS Skills Testing Guide 37)

**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

4.3.10 Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control. (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 720-725 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 654-662, FSTS Live Fire Incident Operations Tactic)

**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**Explain potential long-term consequences of exposure to products of combustion.** . (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 32 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 44-45)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**Describe the states of matter in which fuels are commonly found.** (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 1052-1058 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 1109)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**List the common types of fireground accidents or injuries and their causes.** (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 30-31 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 39-42)

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4.3.11 Perform horizontal ventilation on a structure operating as part of a team, given an assignment, PPE, ventilation tools, equipment, and ladders, so that the ventilation openings are free of obstructions, tools are used as designed, ladders are correctly placed, ventilation devices are correctly placed, and the structure is cleared of smoke.

**Describe the principles, advantages, limitations, and effects of horizontal, mechanical, and hydraulic ventilation.** (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 506-513; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p.486-495)

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**Describe the products of combustion found in structure fires.** (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 124-126 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 82-83, 162-163)

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**Describe the signs, causes, effects, and prevention of backdrafts.** (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 156-157 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 174-175, 181)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**Describe the relationship of oxygen concentration to life safety and fire growth.** (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 144-165 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p171-179. )

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4.3.12 Perform vertical ventilation on a structure as part of a team, given an assignment, PPE, ground and roof ladders, and tools, so that ladders are positioned for ventilation, a specified opening is created, all ventilation barriers are removed, structural integrity is not compromised, products of combustion are released from the structure, and the team retreats from the area when ventilation is accomplished.

**Describe the methods of heat transfer.** (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 131-135 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 164-166)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**Describe the principles of thermal layering within a structure on fire.** (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 150 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 173)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**Describe basic indicators of potential collapse or roof failure and the effects of construction type and elapsed time under fire conditions on structural integrity.** (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 93-97, 502-504; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 497-498, 499-500)

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**Describe the advantages and disadvantages of vertical and trench/strip ventilation.** (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 514-515, 520-521; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 495-497, 511-512)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_/\_\_\_/\_\_\_

4.3.13 Overhaul a fire scene, given PPE, an attack line, hand tools, a flashlight, and an assignment, so that structural integrity is not compromised, all hidden fires are discovered, fire cause evidence is preserved, and the fire is extinguished. (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 740-746 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p.753-762, FSTS Skills Testing Guide 25 )

**Signed** \_\_\_\_\_ **Date:** \_\_\_/\_\_\_/\_\_\_

4.3.14 Conserve property as a member of a team, given salvage tools and equipment and an assignment, so that the building and its contents are protected from further damage. (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 746-763 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 734-753, ) FSTS Skills Testing Guide 21, 22, 23, 24, 26)

**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

4.3.15 Connect a fire department pumper to a water supply as a member of a team, given supply or intake hose, hose tools, and a fire hydrant or static water source, so that connections are tight and water flow is unobstructed. (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 587-594 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 526-538, FSTS Skills Testing Guide 29, 30 )

**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

4.3.16 Extinguish incipient Class A, Class B, and Class C fires, given a selection of portable fire extinguishers, so that the correct extinguisher is chosen, the fire is completely extinguished, and correct extinguisher-handling techniques are followed. (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 254-258 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 231-260, FSTS Skills Testing Guide 32)

**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

4.3.17 Operate emergency scene lighting, given fire service lighting equipment, power supply and an assignment, so that emergency scene lighting equipment is operated within the manufacturer's listed safety precautions. (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 41-42 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 731-734, FSTS Skills Testing Guide 33)

**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

4.3.19 Combat a ground cover fire operating as a member of a team, given protective clothing, SCBA if needed, hose lines, extinguishers or hand tools, and an assignment, so that threats to property are reported, threats to personal safety are recognized, retreat is quickly accomplished when warranted, and the assignment is completed. (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 707-717 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 788-796, FSTS Skills Testing Guide 34)

**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

4.3.20 Tie a knot appropriate for hoisting tools, given PPE, tools, ropes, and an assignment, so that the knots used are appropriate for hoisting tools securely and as directed.

(Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 287-294; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p.295-324)

Explain the primary usage of each of the following:

- 1) bowline \_\_\_\_\_
- 2) clove hitch \_\_\_\_\_
- 3) figure eight on a bight \_\_\_\_\_
- 4) half hitch \_\_\_\_\_
- 5) becket or sheet bend \_\_\_\_\_
- 6) safety knot \_\_\_\_\_

Given each of the following situations, describe the types of knots to use:

Hoist a 14' roof ladder to a third floor roof :

\_\_\_\_\_

To hoist a Pike Pole to a roof : \_\_\_\_\_

**Signed** \_\_\_\_\_ **Date:** \_\_\_/\_\_\_/\_\_\_

**Distinguish between life safety and utility ropes.**

Candidate will provide a written narrative explaining the characteristics and uses of life safety and utility ropes. (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 277-311 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p.295-295-300)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_/\_\_\_/\_\_\_

Candidate will provide a written explanation of the reasons for placing a rope out of service. (Resource: 7th Ed. IFSTA ESSENTIALS of FF, p.282-283 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 301-304)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_/\_\_\_/\_\_\_

Given the proper size and amount of rope the Candidate has demonstrated each of the following:  
(Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 287-294; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p.295-324, FSTS Skills Testing Guide 2)

**Bowline:**

Signed \_\_\_\_\_ Date: \_\_\_/\_\_\_/\_\_\_

**Clove hitch:**

Signed \_\_\_\_\_ Date: \_\_\_/\_\_\_/\_\_\_

**Figure of Eight on the Bight:**

Signed \_\_\_\_\_ Date: \_\_\_/\_\_\_/\_\_\_

**Becket or Sheet Bend:**

Signed \_\_\_\_\_ Date: \_\_\_/\_\_\_/\_\_\_

**Safety Knot:**

Signed \_\_\_\_\_ Date: \_\_\_/\_\_\_/\_\_\_

Candidate has demonstrated tying approved knot and hoisting tool at least 10 feet.  
(Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 287-294; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p.295-324, FSTS Skills Testing Guide 1)

**Signed** \_\_\_\_\_ **Date:** \_\_\_/\_\_\_/\_\_\_

Candidate has demonstrated using a rope to tie ladders, hose and other objects to secure them.  
(Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 287-294; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p.295-324, FSTS Skills Testing Guide 1)

**Signed** \_\_\_\_\_ **Date:** \_\_\_/\_\_\_/\_\_\_

## 4.5 Preparedness and Maintenance

4.5.1 Clean and check ladders, ventilation equipment, self-contained breathing apparatus (SCBA), ropes, salvage equipment, and hand tools, given cleaning tools, cleaning supplies, and an assignment, so that equipment is clean and maintained according to manufacturer's or departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise.

(Resource: 7th Ed. IFSTA ESSENTIALS of FF, p. 324, 358-387, 413-414, 959-961; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p.333, 385-38, FSTS Skills Testing Guide 12)

**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

4.5.2 Clean, inspect, and return fire hose to service, given washing equipment, water, detergent, tools, and replacement gaskets, so that damage is noted and corrected, the hose is clean, and the equipment is placed in a ready state for service.

(Resource: 7th Ed. IFSTA ESSENTIALS of FF, p.549-551 ; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 570-572, FSTS Skills Testing Guide 19)

**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**Hazmat Awareness and Operations**  
**Locally Tested Portion Administered by Local Chief Officer or Certified Instructor**

**FSTS Website:** <http://www.montana.edu/wwwfire/hazmattest.html>

**Resources**

- Emergency Response Guidebook:** Available in hard copy, mobile app, or online at <https://www.phmsa.dot.gov/sites/phmsa.dot.gov/files/2020-08/ERG2020-WEB.pdf>
- NIOSH Pocket Guide to Chemical Hazards:** Available in hard copy, mobile app, or online at <https://www.cdc.gov/niosh/npg/default.html>
- Montana Fire Services' Mutual Aid, Command and Field Operations Guide (Blue Book):** Available in hard copy or online at the FSTS website

**5.2 Recognition and Identification**

**5.2.1(a). Use scenario #1 on the FSTS Website to complete the following. Check the boxes and fill in the blanks. Use N/A for not applicable. Do not leave blank boxes or lines.**

(Resource: 2020 Emergency Response Guidebook, 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting pp 1045-1205, 1217-1293, Montana Fire Services Mutual Aid, Command, and Field Operations Guide)

Call type: \_\_\_\_\_

Location: \_\_\_\_\_

Occupancy: \_\_\_\_\_

Actual release:

- Yes (see ERG, Page 1),
- No
- Unknown

Product name and/or ID # \_\_\_\_\_

Potential Hazards:

- Fire
- Explosion
- Health
- Other \_\_\_\_\_

Exposed or Potentially exposed population:

- Yes ( near by school,  extended care facility,  multi family,  other \_\_\_\_\_)
- No

Container Type \_\_\_\_\_, ERG container page \_\_\_\_\_

Hazard Class/Division \_\_\_\_\_, ERG Hazard Classification page \_\_\_\_\_



Actual conditions:

Temperature \_\_\_\_\_

Wind; direction \_\_\_\_\_, speed \_\_\_\_\_

Slope (towards/away from people/storm drains ect) \_\_\_\_\_

Others on the site \_\_\_\_\_

Criminal or Terrorist activity possible?: Yes ( Secondary devices considered) No;

Initial isolation distances (Use ERG) \_\_\_\_\_

Scene/Access Control Plan:

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Evacuation required

Yes

No

Notifications: (Resource: 2020 Emergency Response Guidebook, pp 5, 391-393, 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting pp 1219-21)

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Signed \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

**5.2.1(b). Use scenario #2 on the FSTS Website to complete the following. Check the boxes and fill in the blanks. Use N/A for not applicable. Do not leave blank boxes or lines.**

(Resource: 2020 Emergency Response Guidebook, 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting pp 1045-1205, 1217-1293, Montana Fire Services Mutual Aid, Command, and Field Operations Guide)

Call type: \_\_\_\_\_

Location: \_\_\_\_\_

Occupancy: \_\_\_\_\_

Actual release:

Yes (see ERG, Page 1),

No

Unknown

Product name and/or ID # \_\_\_\_\_

Potential Hazards:

Fire

Explosion

Health

Other \_\_\_\_\_

Exposed or Potentially exposed population:

- Yes ( near by school,  extended care facility,  multi family,  other \_\_\_\_\_)
- No

Container Type \_\_\_\_\_, ERG container page \_\_\_\_\_

Hazard Class/Division \_\_\_\_\_, ERG Hazard Classification page \_\_\_\_\_

Actual conditions:

Temperature \_\_\_\_\_

Wind; direction \_\_\_\_\_, speed \_\_\_\_\_

Slope (towards/away from people/storm drains ect) \_\_\_\_\_

Others on the site \_\_\_\_\_

Criminal or Terrorist activity possible?: Yes ( Secondary devices considered) No;

Initial isolation distances (Use ERG) \_\_\_\_\_

Scene/Access Control Plan:

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Evacuation required

- Yes
- No

Notifications: (Resource: 2020 Emergency Response Guidebook, pp 5, 391-393, 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting pp 1219-21)

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Signed \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

5.2.1(c). Draw the NFPA 704 Marking system and indicate the appropriate color of each diamond and the meaning of the color, symbol and number in same.  
(Resource: 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting, pp 1179-80)



Signed \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

5.2.1(d). Refer to Scene 1 on the FSTS website. Name and describe this type of marking system and list the hazards shown on this container.  
(Resource: 2020 Emergency Response Guidebook, pp 16-17, 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting p 1180-81)

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Signed \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

5.2.1(e). Describe the routes of entry of hazardous materials to the human body.  
(Resource: 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting, p 1050)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

5.2.1(f). Describe the sights, sounds, and odors that might indicate the presence of hazardous materials.  
(Resource: 2020 Emergency Response Guidebook, pp 369-70, 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting, p 1091)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

5.2.1(g) Describe the limitations of using senses to determine the presence of a hazardous material/WMD)

(Resource: 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting, p 1049)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

5.2.1(h). Describe the types of pipelines used to transport hazardous materials and the information found on pipeline markers.

(Resource: 2020 Emergency Response Guidebook, pp 22-27, 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting p 1145-1147)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

5.2.1(i). Describe where shipping papers are found on different modes of transportation (road, rail, aviation, marine).

(Resource: 2020 Emergency Response Guidebook, inside front cover, 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting pp 1200-1201)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

5.2.1(g). Describe the information provided on shipping papers.

(Resource: 2020 Emergency Response Guidebook, inside front cover, 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting pp 1200-1201)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

5.2.1(h). Describe the information provided on safety data sheets and where they are typically found.

(Resource: 2020 Emergency Response Guidebook, inside front cover, 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting pp 1200-1202)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

## 7.2 Identify Potential Hazards

### 7.2.1(a). Use scenario #3 on the FSTS Website to complete the following. Check the boxes and fill in the blanks. Use N/A for not applicable. Do not leave blank boxes or lines.

(Resource: 2020 Emergency Response Guidebook, 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting pp 1045-1205, 1217-1293, Montana Fire Services Mutual Aid, Command, and Field Operations Guide)

Call type: \_\_\_\_\_

Location: \_\_\_\_\_

Occupancy: \_\_\_\_\_

Actual release

- Yes (see ERG, Page 1),
- No
- Unknown

Product name and/or ID # \_\_\_\_\_

Potential Hazards

- Fire
- Explosion
- Health
- Other \_\_\_\_\_

Exposed or Potentially exposed population

- Yes ( near by school,  extended care facility,  multi family,  other \_\_\_\_\_)
- No

Container Type \_\_\_\_\_, ERG container page \_\_\_\_\_

Hazard Class/Division \_\_\_\_\_, ERG Hazard Classification page \_\_\_\_\_

Actual conditions

Temperature \_\_\_\_\_

Wind; direction \_\_\_\_\_, speed \_\_\_\_\_

Slope (towards/away from people/storm drains ect) \_\_\_\_\_

Others on the site \_\_\_\_\_

Estimated Potential Hazard Behavior. Use ERG, NIOSH Pocket Guide to Chemical Hazards, Montana Fire Services' Mutual Aid, Command, and Field Ops Guide.

Solid  Liquid  Gas

Flammable  Yes, LEL \_\_\_\_\_, UEL \_\_\_\_\_,  
 No

Flash Point \_\_\_\_\_; Auto Ignition temp \_\_\_\_\_; Boiling Point \_\_\_\_\_

Will it  Rise or  Sink

Vapor Density (or Relative Gas Density) \_\_\_\_\_

Specific Gravity (for liquids only) \_\_\_\_\_

Mix with water  Yes \_\_\_\_\_% soluble  No

Will it  Persist or  Dissipate on its own, Vapor Pressure\_\_\_\_\_

Radioactive  Yes, type and packaging\_\_\_\_\_ ;  No

Reactivity/Incompatibilities\_\_\_\_\_

**Risk Analysis**

Credible information that a savable life exists

- Yes, take only highly calculated measures within the safety system of the incident to do a rescue.
- No, defensive operations only.

**Criminal or Terrorist activity:**

Yes

Indicators

- Chemical\_\_\_\_\_
- Biological\_\_\_\_\_
- Radiological\_\_\_\_\_
- Illicit Lab\_\_\_\_\_
- Explosives\_\_\_\_\_
- Other\_\_\_\_\_

Secondary devices considered

No

Initial isolation distances (Use ERG)\_\_\_\_\_

Scene/Access Control Plan

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Evacuation required

- Yes
- No

Notifications (Resource: 2020 Emergency Response Guidebook, pp 5, 391-393, 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting pp 1219-21)

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**Required**

**PPE**\_\_\_\_\_

**Emergency Decon Established**

- Yes; Location\_\_\_\_\_
- No (not needed)

**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_



**7.2.1(b). Use scenario #4 on the FSTS Website to complete the following. Check the boxes and fill in the blanks. Use N/A for not applicable. Do not leave blank boxes or lines.**

(Resource: 2020 Emergency Response Guidebook, 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting pp 1045-1205, 1217-1293, Montana Fire Services Mutual Aid, Command, and Field Operations Guide)

Call type: \_\_\_\_\_

Location: \_\_\_\_\_

Occupancy: \_\_\_\_\_

Actual release

- Yes (see ERG, Page 1),
- No
- Unknown

Product name and/or ID # \_\_\_\_\_

Potential Hazards

- Fire
- Explosion
- Health
- Other \_\_\_\_\_

Exposed or Potentially exposed population

- Yes ( near by school,  extended care facility,  multi family,  other \_\_\_\_\_)
- No

Container Type \_\_\_\_\_, ERG container page \_\_\_\_\_

Hazard Class/Division \_\_\_\_\_, ERG Hazard Classification page \_\_\_\_\_

Actual conditions

Temperature \_\_\_\_\_  
Wind; direction \_\_\_\_\_, speed \_\_\_\_\_  
Slope (towards/away from people/storm drains ect) \_\_\_\_\_  
Others on the site \_\_\_\_\_

Estimated Potential Hazard Behavior. Use ERG, NIOSH Pocket Guide to Chemical Hazards, Montana Fire Services' Mutual Aid, Command, and Field Ops Guide.

- Solid  Liquid  Gas

Flammable  Yes, LEL\_\_\_\_\_, UEL\_\_\_\_\_,  
 No

Flash Point \_\_\_\_\_; Auto Ignition temp \_\_\_\_\_; Boiling Point \_\_\_\_\_

Will it  Rise or  Sink  
Vapor Density (or Relative Gas Density) \_\_\_\_\_

Specific Gravity (for liquids only) \_\_\_\_\_

Mix with water  Yes \_\_\_\_\_% soluble  No

Will it  Persist or  Dissipate on its own, Vapor Pressure \_\_\_\_\_

Radioactive  Yes, type and packaging \_\_\_\_\_;  No

Reactivity/Incompatibilities \_\_\_\_\_

**Risk Analysis**

Credible information that a savable life exists

- Yes, take only highly calculated measures within the safety system of the incident to do a rescue.
- No, defensive operations only.

**Criminal or Terrorist activity:**

Yes

Indicators

- Chemical \_\_\_\_\_
- Biological \_\_\_\_\_
- Radiological \_\_\_\_\_
- Illicit Lab \_\_\_\_\_
- Explosives \_\_\_\_\_
- Other \_\_\_\_\_

Secondary devices considered

No

Initial isolation distances (Use ERG) \_\_\_\_\_

Scene/Access Control Plan

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Evacuation required

- Yes
- No

Notifications (Resource: 2020 Emergency Response Guidebook, pp 5, 391-393, 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting pp 1219-21)

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**Required**

**PPE** \_\_\_\_\_

**Emergency Decon Established**

- Yes; Location \_\_\_\_\_
- No (not needed)

**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**7.2.1(c). Use scenario #5 on the FSTS Website to complete the following. Check the boxes and fill in the blanks. Use N/A for not applicable. Do not leave blank boxes or lines.**

(Resource: 2020 Emergency Response Guidebook, 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting pp 1045-1205, 1217-1293, Montana Fire Services Mutual Aid, Command, and Field Operations Guide)

Call type: \_\_\_\_\_

Location: \_\_\_\_\_

Occupancy: \_\_\_\_\_

Actual release

- Yes (see ERG, Page 1),
- No
- Unknown

Product name and/or ID # \_\_\_\_\_

Potential Hazards

- Fire
- Explosion
- Health
- Other \_\_\_\_\_

Exposed or Potentially exposed population

- Yes ( near by school,  extended care facility,  multi family,  other \_\_\_\_\_)
- No

Container Type \_\_\_\_\_, ERG container page \_\_\_\_\_

Hazard Class/Division \_\_\_\_\_, ERG Hazard Classification page \_\_\_\_\_

Actual conditions

Temperature \_\_\_\_\_  
Wind; direction \_\_\_\_\_, speed \_\_\_\_\_  
Slope (towards/away from people/storm drains ect) \_\_\_\_\_  
Others on the site \_\_\_\_\_

Estimated Potential Hazard Behavior. Use ERG, NIOSH Pocket Guide to Chemical Hazards, Montana Fire Services' Mutual Aid, Command, and Field Ops Guide.

Solid  Liquid  Gas

Flammable  Yes, LEL \_\_\_\_\_, UEL \_\_\_\_\_,  
 No

Flash Point \_\_\_\_\_; Auto Ignition temp \_\_\_\_\_; Boiling Point \_\_\_\_\_

Will it  Rise or  Sink

Vapor Density (or Relative Gas Density) \_\_\_\_\_

Specific Gravity (for liquids only) \_\_\_\_\_

Mix with water  Yes \_\_\_\_\_ % soluble  No

Will it  Persist or  Dissipate on its own, Vapor Pressure \_\_\_\_\_

Radioactive  Yes, type and packaging \_\_\_\_\_;  No

Reactivity/Incompatibilities \_\_\_\_\_

**Risk Analysis**

Credible information that a savable life exists

- Yes, take only highly calculated measures within the safety system of the incident to do a rescue.
- No, defensive operations only.

**Criminal or Terrorist activity:**

Yes

Indicators

- Chemical \_\_\_\_\_
- Biological \_\_\_\_\_
- Radiological \_\_\_\_\_
- Illicit Lab \_\_\_\_\_
- Explosives \_\_\_\_\_
- Other \_\_\_\_\_

Secondary devices considered

No

Initial isolation distances (Use ERG) \_\_\_\_\_

Scene/Access Control Plan

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\_\_\_\_\_  
\_\_\_\_\_

**Evacuation required**

- Yes
- No

Notifications (Resource: 2020 Emergency Response Guidebook, pp 5, 391-393, 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting pp 1219-21)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Required**

**PPE** \_\_\_\_\_

**Emergency Decon Established**

- Yes; Location \_\_\_\_\_
- No (not needed)

**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**7.2.1(d). Use scenario #6 on the FSTS Website to complete the following. Check the boxes and fill in the blanks. Use N/A for not applicable. Do not leave blank boxes or lines.**

(Resource: 2020 Emergency Response Guidebook, 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting pp 1045-1205, 1217-1293, Montana Fire Services Mutual Aid, Command, and Field Operations Guide)

Call type: \_\_\_\_\_

Location: \_\_\_\_\_

Occupancy: \_\_\_\_\_

Actual release

- Yes (see ERG, Page 1),
- No
- Unknown

Product name and/or ID # \_\_\_\_\_

Potential Hazards

- Fire
- Explosion
- Health
- Other \_\_\_\_\_

Exposed or Potentially exposed population

- Yes ( near by school,  extended care facility,  multi family,  other \_\_\_\_\_)
- No

Container Type \_\_\_\_\_, ERG container page \_\_\_\_\_

Hazard Class/Division \_\_\_\_\_, ERG Hazard Classification page \_\_\_\_\_

Actual conditions

Temperature \_\_\_\_\_  
Wind; direction \_\_\_\_\_, speed \_\_\_\_\_  
Slope (towards/away from people/storm drains ect) \_\_\_\_\_  
Others on the site \_\_\_\_\_

Estimated Potential Hazard Behavior. Use ERG, NIOSH Pocket Guide to Chemical Hazards, Montana Fire Services' Mutual Aid, Command, and Field Ops Guide.

- Solid  Liquid  Gas

Flammable  Yes, LEL \_\_\_\_\_, UEL \_\_\_\_\_,  
 No

Flash Point \_\_\_\_\_; Auto Ignition temp \_\_\_\_\_; Boiling Point \_\_\_\_\_

Will it  Rise or  Sink

Vapor Density (or Relative Gas Density) \_\_\_\_\_

Specific Gravity (for liquids only) \_\_\_\_\_

Mix with water  Yes \_\_\_\_\_% soluble  No

Will it  Persist or  Dissipate on its own, Vapor Pressure \_\_\_\_\_

Radioactive  Yes, type and packaging \_\_\_\_\_;  No

Reactivity/Incompatibilities \_\_\_\_\_

**Risk Analysis**

Credible information that a savable life exists

- Yes, take only highly calculated measures within the safety system of the incident to do a rescue.
- No, defensive operations only.

**Criminal or Terrorist activity:**

Yes

Indicators

- Chemical \_\_\_\_\_
- Biological \_\_\_\_\_
- Radiological \_\_\_\_\_
- Illicit Lab \_\_\_\_\_
- Explosives \_\_\_\_\_
- Other \_\_\_\_\_

Secondary devices considered

No

Initial isolation distances (Use ERG) \_\_\_\_\_

Scene/Access Control Plan

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Evacuation required

- Yes
- No

Notifications (Resource: 2020 Emergency Response Guidebook, pp 5, 391-393, 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting pp 1219-21)

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**Required**

**PPE** \_\_\_\_\_

**Emergency Decon Established**

- Yes; Location \_\_\_\_\_
- No (not needed)

**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_



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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

## 7.4 Action Plan Implementation

7.4.1(a). Describe the criteria for determining the location of control zones.

(Resource: 2020 Emergency Response Guidebook, pp 286-288, 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting pp 1241-43)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

7.4.1(b). Describe the protective action options of evacuation and sheltering-in-place.

(Resource: 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting, pp 1248-49)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_



7.4.1(c). Describe the duties and responsibilities of the Incident Safety Officer.  
(Resource: 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting, pp 1387-88)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_ / \_\_\_\_ / \_\_\_\_

7.4.1(d). Describe items to be considered in a safety briefing.  
(Resource: 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting, pp 1388-89)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_ / \_\_\_\_ / \_\_\_\_

7.4.1(e). Describe the duties and responsibilities of the hazardous materials branch or group.  
(Resource: 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting, pp 1385-86)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

7.4.1(f). Describe heat disorders that personnel may experience on scene.  
(Resource: 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting, p 1329)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

**9.2 Mission Specific: Personal Protective Equipment**

9.2.1(a). Describe the importance of working under a hazardous materials technician, an allied professional, an emergency response plan, or standard operating procedures when selecting and using PPE at a mission specific incident.

(Resource: NFPA 470, 2022 ed, A.9.1.7)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

9.2.1(b). Describe the types and capabilities of PPE available for thermal, radiological, asphyxiating, chemical and biological.

(Resource: 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting, pp 1312-1319, 1322-1325)

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**Signed** \_\_\_\_\_ **Date:** \_\_\_\_/\_\_\_\_/\_\_\_\_

9.2.1(c). Describe the limitations of hazmat PPE to include permeation, penetration, degradation, and physical.

(Resource: 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting, pp 1320-21)

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Signed \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

9.2.1(d). Describe donning, doffing, and usage procedures of specialized hazmat PPE.

(Resource: 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting, pp 1337-38)

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Signed \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

9.2.1(e). Describe procedures for inspection, maintenance, storage and documentation of use of hazmat PPE.

(Resource: 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting, pp 1339)

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Signed \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

### 9.6 Mission Specific: Product Control

9.6.1(a) Describe the following;

(Resource: 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting, pp 1340, 1354)

Control:

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Confinement:

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Containment:

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Extinguishment:

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Signed \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

9.6.1(b). Describe nine product control methods and the safety precautions associated with each.  
(Resource: 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting, pp 1340-49)

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Signed \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

9.6.1(c). Describe the location and operation of remote/emergency shutoff valves of cargo tanks and facilities that contain flammable liquids and gases.

(Resource: 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting, pp 1355-58)

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Signed \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

9.6.1(d). Describe the characteristics and applicability of foam and absorbents as product control agents.

(Resource: 7<sup>th</sup> Ed. IFSTA Essentials of Fire Fighting, pp 1343, 1348-1354)

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Signed \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_





**PROCTOR'S AFFIDAVIT**

**Note: This form may be duplicated so each proctor has one to file.**

**Date:** \_\_\_\_\_

**Proctor's Name** \_\_\_\_\_

**By my signature, I hereby agree to administer testing for Montana State University - Fire Services Training School in a professional manner, with integrity, and in compliance with the letter and spirit of the regulations governing the operation of the Montana Professional Qualifications Certification System. I also certify that I have not been involved in the training of the candidate(s) for the skills which I am testing. I understand that any breach of this commitment will result in my immediate dismissal and possible legal action against me.**

\_\_\_\_\_  
**Proctor's Signature**

\_\_\_\_\_  
**Witness**

**\*\*\* PROCTOR IN-SERVICE TRAINING \*\*\***

**Location of Training:** \_\_\_\_\_

**Lead Instructor:** \_\_\_\_\_

**Date of Training:** \_\_\_\_/\_\_\_\_/\_\_\_\_

## FSTS Tested Portion - Fire Fighter I Tactics

This page provides documentation for completion of the tactics required for Fire Fighter 1 certification. **Each Tactic must be signed off by a representative of the FSTS.** Other signatures will not be accepted on this page. Bring this Booklet with you when testing and be sure to have the appropriate sections completed by the evaluators **before** they leave the test site.

Exterior/Interior Fire Tactic as Fire Fighter A

**Evaluator** \_\_\_\_\_ **Date** \_\_\_\_\_

Exterior/Interior Fire Tactic as Fire Fighter B

**Evaluator** \_\_\_\_\_ **Date** \_\_\_\_\_

Enter/Isolate/Search 2<sup>nd</sup> Story Tactic as Fire Fighter A

**Evaluator** \_\_\_\_\_ **Date** \_\_\_\_\_

Enter/Isolate/Search 2<sup>nd</sup> Story Tactic as Fire Fighter B

**Evaluator** \_\_\_\_\_ **Date** \_\_\_\_\_

Fire Fighter Rescue as Fire Fighter A

**Evaluator** \_\_\_\_\_ **Date** \_\_\_\_\_

Fire Fighter Rescue as Fire Fighter B

**Evaluator** \_\_\_\_\_ **Date** \_\_\_\_\_

Flat Roof Access as Fire Fighter A

**Evaluator** \_\_\_\_\_ **Date** \_\_\_\_\_

Flat Roof Access as Fire Fighter B

**Evaluator** \_\_\_\_\_ **Date** \_\_\_\_\_

Pitched Roof Access as Fire Fighter A

**Evaluator** \_\_\_\_\_ **Date** \_\_\_\_\_

Pitched Roof Access as Fire Fighter B

**Evaluator** \_\_\_\_\_ **Date** \_\_\_\_\_

Hazmat Control Line, Remote Shutoff, Confinement, and Decontamination

Fire Fighter A

**Evaluator** \_\_\_\_\_ **Date** \_\_\_\_\_

Fire Fighter B

**Evaluator** \_\_\_\_\_ **Date** \_\_\_\_\_

Fire Fighter C

**Evaluator** \_\_\_\_\_ **Date** \_\_\_\_\_

PASS Activation

- Candidate has demonstrated the ability to activate PASS device, using only 1 hand to access and activate it and with obscured vision. Candidate must do so lying on their front and back, and demonstrate both activating and deactivating the device.

**Evaluator** \_\_\_\_\_ **Date** \_\_\_\_\_

Mayday Radio Traffic

- Candidate must demonstrate the ability to transmit mayday radio traffic in an emergency given a portable radio in full PPE and SCBA. Candidate must include who, what happened, where, and current air supply in the radio transmission. Candidate must demonstrate ability to cancel PASS alarm during the radio transmission. Candidate must utilize proper communication technique (closed loop). Candidate must perform skill lying on the floor with obscured vision.

**Evaluator** \_\_\_\_\_ **Date** \_\_\_\_\_