EDITION: October 14, 2026
NFPA Standard 1010 – 2024 Edition
NFPA Standard 470 – 2022 Edition

FIRE FIGHTER I
CERTIFICATION TEST DOCUMENTATION BOOKLET

MSU Fire Services Training School
409 14th 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 (IFSAC)
and
National Board on Fire Service Professional Qualifications (Pro Board)

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MSU EXTENSION SERVICE FIRE SERVICES TRAINING SCHOOL
FIREFIGHTER I TEST
(*PLEASE PRINT LEGIBLY)*

Candidate's Name _____
First **Middle** **Last**

Candidate's Home Address _____

_____

Phone Contact _____ **Secondary Phone Contact** _____

Email _____

Name of Fire Service Organization (FSO) of which candidate is a member:

_____

Mailing Address of Fire Service Organization (FSO) of which candidate is a member:

_____

Name of the Chief of the Fire Service Organization (FSO) of which candidate is a member.

_____

Daytime phone contact for candidate's Chief _____

TEST INSTRUCTIONS (PLEASE READ CAREFULLY!)

A Firefighter I Candidate has an **18-month period** to complete this test. Once the FSTS administered portion of the test has begun, the FSTS portion must be completed within **nine** months. The testing period begins with the first test date entered and ends with the last test date a skill was demonstrated and recorded.

Notification:
When planning demonstrated ability testing (local testing or FSTS task testing), contact your local FSTS Regional Training Manager and coordinate dates, times, and location of all testing. Training Managers are required to occasionally observe local testing to ensure compliance with accreditation and certification rules.

Reference materials:
Reference materials from any source may be used by the Candidate to complete the locally administered, open-resource portions of the testing process.

Resources:
The FSTS Coaching Package is a vital training tool for instructors teaching the tactical skills. Copies are available through FSTS Regional Managers or the FSTS office. Cited references are available from the FSTS Resource Center.

All answers and signatures in this test booklet must be handwritten and legible.
The Chief Fire Officer (CFO) of your Fire Service Organization **must** sign off in the signature block under "Fitness Requirements" and "Facilities and Equipment Compliance" **before any testing begins**.

An FSTS-authorized test proctor or Chief Officer must sign off each signature block and enter the date the task was completed for each element. All test administrators must have a Proctor's Affidavit on file with the FSTS.

Every signature block must be signed and dated. The dates on locally tested portions must reflect the date the task was performed. The individual evaluating a tested element must be someone other than the Candidate's primary instructor for the task. Original signatures are required. The cited reference associated with each element is the authoritative source for satisfactory performance of a task.

Safety - All 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 regarding 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.

_____

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 follow applicable NFPA Standards including *NFPA 1403 Standard on Live Fire Training Evolutions.*

_____

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:**
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

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

John Culbertson	(406) 771-4328	FSTS Office - Great Falls
Brian Dodge	(406) 564-8380	Kalispell
Chris Mork	(406) 581-5315	Helena
Rick Paulsen	(406) 381-2390	Missoula
Troy Petersen	(406) 836-0086	Great Falls
Jerry Prete	(406) 461-2274	Miles City
Lyn Stimpson	(406) 461-4420	Montana City
Claude Weidow	(406) 781-0660	Great Falls

Upon Completion of this Test Documentation Booklet, make a copy for your records, then send to FSTS via certified mail to:

MSU Fire Services Training School
Certification Program
409 14th 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 states:

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.

Use of Alternate Resources: If alternate resources beyond those listed in this test document are used, please cite the source using Author, Publisher, Title and or Web Site address (URL/DOI). FSTS reserves right to deny resources.

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 an FSO to which an individual is assigned.

Fire department - An agency of government charged with primary fire protection having 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.

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 FSTS Proctor

6.1 General

6.1.1 General Knowledge Requirements

6.1.1(a) Describe the role of a Firefighter I within your Fire Service Organization (FSO).
(Resource: *Your FSO Leadership*; *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., p 20; *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 17-23)

Signed_____ **Date:** _____/_____/_____

6.1.1(b) Describe the mission of *your* Fire Service Organization (FSO). (Resource: *Your FSO Leadership*; *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., p 8; *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 4-5)

Signed_____ **Date:** _____/_____/_____

6.1.1(c) Describe the function of standard operating procedures (SOPs). (Resource: *Your FSO Leadership*; *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., p 18-19; *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., p 14)

Signed_____ **Date:** _____/_____/_____

6.1.1(d) Explain the fire department rules and regulations that apply to Firefighter 1. (Resource: *Your FSO Leadership*)

Signed_____ **Date:** _____/_____/_____

6.1.1(e) Explain the value of fire and life safety initiatives as it relates to your FSO. (Resource: *Your FSO Leadership*; *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., p 20-22; *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 34-38)

Signed_____ **Date:** _____/_____/_____

6.1.1(f) Explain the role of EMS, law enforcement, and other agencies that may respond to emergencies. (Resource: *Your FSO Leadership*; *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., p 19-20; *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 19-20)

Signed_____ **Date:** _____/_____/_____

6.1.1(g) Explain the signs and symptoms of behavioral and emotional distress. (Resource: *Local EAP*; *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 28-30; *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 42-45)

Signed_____ **Date:** _____/_____/_____

6.1.1(h) Explain the aspects of a member assistance program (MAP) also called employee assistance program (EAP). (Resource: *Local EAP*; *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 34-35; *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 45-46)

Signed_____ **Date:** _____/_____/_____

6.1.1(i) Explain the importance of physical fitness and a healthy lifestyle relating to the performance of the duties of a firefighter. (Resource: *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 22-35; *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 38-45)

Signed_____ **Date:** _____/_____/_____

6.1.1(j) Given a copy of *your* FSO's policy on Occupational Safety, Health, and Wellness, describe the individual responsibilities of a firefighter in maintaining safety, health, and wellness within the organization. (Resource: Your *FSO Leadership*; NFPA 1500, *Standard on Occupational Safety, Health and Wellness Program; Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 22-35; *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 35-60)

Signed_____ **Date:** _____/_____/_____

6.1.2 General Skills Requirements

Candidate has located information in departmental documents and standard or code materials. (Resource: *Your FSO Leadership*)

Signed_____ **Date:** _____/_____/_____

6.2 Communications

6.2.1 Initiate the response to a reported emergency

6.2.1(a) The candidate has initiated the response to a reported emergency and relayed information to the dispatch center according to AHJ policy and procedures. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 67-85; IAFC/NFPA *Fundamentals of Firefighter Skills,* 5th Ed., p 147; *FSTS Fire Fighter 1 Local Testing Guide 1*)

Signed_____ **Date:** _____/_____/_____

6.2.2, 6.2.3 Describe *your* FSO's emergency evacuation signals and communications procedures for emergency evacuation. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1,* 8th Ed., pp 81-82; IAFC/NFPA *Fundamentals of Firefighter Skills,* 5th Ed., pp 155-156; *Your FSO Leadership*)

Signed_____ **Date:** _____/_____/_____

6.3 Fireground Operations

6.3.1(a) Describe the operational conditions that require the use of respiratory protection. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 216-221; IAFC/NFPA *Fundamentals of Firefighter Skills,* 5th Ed., pp 80-89)

Signed_____ **Date:** _____/_____/_____

6.3.2(a) Outline the types of PPE used for structural firefighting, wildland firefighting, traffic incidents, and EMS/Rescue. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 197-217; IAFC/NFPA *Fundamentals of Firefighter Skills,* 5th Ed., pp 66-78)

Signed_____ **Date:** _____/_____/_____

6.3.4(a) Describe the basic construction of typical door, window, and wall assemblies within *your* fire service area. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 100, 116-126; IAFC/NFPA *Fundamentals of Firefighter Skills,* 5th Ed., pp 214-215, 220-221)

Signed_____ **Date:** _____/_____/_____

6.3.7(a) Describe how to identify vehicles powered by alternative fuel sources. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 717-720; IAFC/NFPA *Fundamentals of Firefighter Skills,* 5th Ed., pp 572-577)

Signed_____ **Date:** _____/_____/_____

6.3.8(a) Describe the various extinguishing agents and their effect on fires involving natural cover, stacked, and piled materials. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 721-723; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 172-176, 568-570, 984-985)

Signed_____ **Date:** _____/_____/_____

6.3.8(b) Explain the methods and difficulties associated with complete extinguishment of fires involving stacked or piled Class A materials. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1,* 8th Ed., pp 721-723; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 172-176, 568-570)

Signed_____ **Date:** _____/_____/_____

6.3.8(c) Describe the dangers associated with storage building and container fires. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1,* 8th Ed., pp 722-723; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 568-570)

Signed_____ **Date:** _____/_____/_____

6.3.10(c) Explain the principles of exposure protection during structure fires. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1,* 8th Ed., pp 519,703; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 561-562, 941, 1081)

Signed_____ **Date:** _____/_____/_____

6.3.12(a) Describe the basic indicators of roof failure. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1,* 8th Ed., pp 520-522; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 970, 713)

Signed_____ **Date:** _____/_____/_____

6.3.12(b) Describe the basic indicators of structural collapse. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1,* 8th Ed., pp 517-522, 174-186, 760; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., p 232, 970-971)

Signed_____ **Date:** _____/_____/_____

6.3.13(a) Describe the signs of possible arson. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 773-780; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 1180-1191)

Signed_____ **Date:** _____/_____/_____

6.3.13(b) Describe the obvious signs of fire area of origin. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 773-781; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 800, 825-826, 1187-1191)

Signed_____ **Date:** _____/_____/_____

6.3.14(a) Explain the purpose of salvage and property conservation operations. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., p 764; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 799-819)

Signed_____ **Date:** _____/_____/_____

6.3.16(a) Explain the five (5) fire classifications by type, the rating system for each classification, and risks associated with each class of fire. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 274-289; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 320-337)

Signed_____ **Date:** _____/_____/_____

6.3.16(b) Identify the operating methods and limitations of portable fire extinguishers. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 274-295; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 320-345)

Signed_____ **Date:** _____/_____/_____

6.3.18(a) Candidate will provide a written narrative explaining the properties, principles, and safety considerations associated with gas and electrical utilities. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1,* 8th Ed., pp 706-710; IAFC/NFPA *Fundamentals of Firefighter Skills,* 5th Ed., pp 56-69)

Signed _____ **Date:** ___/_____/_____

6.3.19(a) Describe the various types of ground cover fires. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., p 725; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., p 890-892)

Signed_____ **Date:** _____/_____/_____

6.3.19(b) List and describe the parts of ground cover fires. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 727-728; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 890-891)

Signed_____ **Date:** _____/_____/_____

6.3.20(a) Describe the characteristics and uses of life safety and utility ropes. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 299-303; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 272-278)

Signed_____ **Date:** _____/_____/_____

6.3.20(b) Explain the reasons for placing a rope out of service. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 303-307; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 278-284)

Signed_____ **Date:** _____/_____/_____

REQUIRED ON-LINE COURSE WORK:

- ❑ Create an account/log on to the Fire Safety Research Institute (FSRI) Fire Safety Academy at: https://training.fsri.org/login

- ❑ Complete the course titled: *Evidence Based Structural Firefighting* and attach a copy of the completed course certificate to this test booklet.

- ❑ Complete the course titled: *Prerequisites for Live Fire Training Participants* and attach a copy of the completed course certificate to this test booklet.

- ❑ Complete the FSRI course titled: *The Science of Fire and Explosion Hazards from Lithium-ION Batteries* and attach a copy of the completed course certificate to this test booklet.

  NOTE: The course completion dates for FSRI prerequisites must be within the start/completion dates of this test booklet.

6.3.7 **The candidate attacked 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: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 711-720; IAFC/NFPA *Fundamentals of Firefighter Skills,* 5th Ed., pp 572-587; FSTS Fire Fighter 1 Local Testing Guide 2)

Signed_____ **Date:** _____/_____/_____

6.3.8 **The candidate attacked fires involving exterior Class A materials**; given fire 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 origin area and arson are preserved. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1,* 8th Ed., pp 721-723; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 172-176, 568-570; FSTS Firefighter 1 Local Testing Guide 6)

Signed_____ **Date:** _____/_____/_____

6.3.10 **The candidate attacked an interior structure fire** operating as a member of a team, given PPE, an attack line, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, access is gained to the fire area, effective water application practices are used, fire is approached using the reach of the stream, attack techniques facilitate suppression for the level of fire, hidden fires are located and controlled, hazards are recognized and managed, and the fire is brought under control. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 691-711; IAFC/NFPA *Fundamentals of Firefighter Skills,* 5th Ed., pp 540-572; *FSTS Live Fire Operations*)

Signed_____ **Date:** _____/_____/_____

6.3.14 **The candidate performed property conservation activities** operating as a member of a team, given PPE, tarps, tools, furniture, and an assignment, the candidate controlled automatic sprinklers, prepared salvage covers, clustered furniture, and deployed covers in a way that protects property from fire and fire suppression operations. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 706, 745-747, 768-772, 785-788; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 801-819; FSTS Fire Fighter 1 Local Testing Guide 3)

Signed_____ **Date:** _____/_____/_____

6.3.15(a) **The candidate connected a pumper to a pressurized water source** given a pumping apparatus, PPE, tools, a hydrant, supply hose, and an assignment, connected a supply hose from a pumping apparatus to a hydrant and fully opened and closed a hydrant. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 589-608; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 360-380, 488-532; FSTS Fire Fighter 1 Local Testing Guide 4)

Signed_____ **Date:** _____/_____/_____

OR

6.3.15(b) **The candidate connected a pumper to a static water source** given a pumping apparatus, PPE, tools, static water source, drafting hose, and an assignment, connected a pumper to a static water supply source. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 597-599, 652-655; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 376-380; FSTS Fire Fighter 1 Local Testing Guide 5)

Signed_____ **Date:** _____/_____/_____

6.3.16 **The candidate extinguished Class A, B, and C fires using portable fire extinguishers.** Given a variety of portable fire extinguishers, the candidate has selected the appropriate extinguisher, and extinguished incipient Class A, Class B, and Class C fires utilizing correct handling techniques and procedures. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 283-295; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 341-347; FSTS Firefighter 1 Local Testing Guide 6 and 7)

Signed_____ **Date:** _____/_____/_____

6.3.19 **Combat a ground cover fire**. Given PPE, a handline, tools, and an assignment, the candidate recognized/reported threats to property and personal safety and extinguished a ground cover fire as a member of a team. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 723-733; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 889-917; FSTS Local Testing Guide 8)

Signed_____ **Date:** _____/_____/_____

6.3.20(a) **Hoist a hose line.** Given PPE, tools, ropes, and assignment, the candidate has tied a rope to an uncharged handline and nozzle and raised a minimum of 10 feet. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 309-331; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 302-311; FSTS Firefighter 1 Local Testing Guide 9)

Signed_____ **Date:** _____/_____/_____

6.3.20(b) **Hoist a tool.** Given PPE, tools, ropes, and an assignment, the candidate has tied a rope to a saw (not under power) and raised a minimum of 10 feet. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 313-319, 332; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 302-312; FSTS Firefighter 1 Local Testing Guide 10)

Signed_____ **Date:** _____/_____/_____

6.5 Preparedness and Maintenance

6.5.1 Candidate has cleaned and checked 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 guidelines, maintenance is recorded, and equipment is in a ready state or reported otherwise. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 340-345, 239-241, 259-262, 262-263, 303-308, 772-773, 779-798, 403-406, 433-435; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 441-446, 112-117, 124-125, 278-284, 811-820, 262-263; FSTS Firefighter 1 Local Testing Guide 11, 12, 13, 14, 15)

Signed_____ **Date:** _____/_____/_____

6.5.2 Candidate has cleaned, inspected, and returned 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 or reported otherwise. (Resource: IFSTA *Essentials of Fire Fighting, Firefighter 1*, 8th Ed., pp 571-580; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response*, 5th Ed., pp 419-421; FSTS Firefighter 1 Local Testing Guide 16)

Signed_____ **Date:** _____/_____/_____

Haz-Mat Awareness and Operations
(NFPA 470)

Resources

FSTS Website: https://www.montana.edu/extension/fsts/Hazmat.html

U.S. Dept. of Transportation/Pipeline and Hazardous Materials Safety Administration. ***Emergency Response Guidebook***. Washington, DC. U.S. Government Publishing Office Available in hard copy, mobile app, ore electronically at: bookstore.gpo.gov or: https://www.phmsa.dot.gov/training/hazmat/erg/erg2024-pdf-accessible-english

National Institute for Occupational Safety and Health (NIOSH), Department of Health and Human Services, Centers for Disease Control and Prevention (CDC) (Aug, 2006). **NIOSH Pocket Guide to Chemical Hazards**. Pittsburg, PA: U.S. Government Printing Office. Available in hard copy, mobile app, or online at: https://www.cdc.gov/niosh/npg/default.html

Montana Mutual Aid (2025**).** ***Montana Fire Services' Response Planning, Mutual Aid, Command and Field Operations Guide.*** MSU Fire Services Training School, Great Falls, MT: Montana Mutual Aid. Available at www.montanamutualaid.org or at the FSTS website.

Fortney, J. & Clausing, C. (Eds.). (2024). ***Essentials of Fire Fighting, Firefighter 1*** **(8th Ed.)**. International Fire Service Training Association, Stillwater, OK: Fire Protection Publications.

Fortney, J. & Clausing, C. (Eds.). (2024). ***Essentials of Fire Fighting, Firefighter 2*** **(8th Ed.)**. International Fire Service Training Association, Stillwater, OK: Fire Protection Publications.

Edwards, K. (Ed.). (20**22).** ***Hazardous Materials for First Responders*** (6th Ed.). International Fire Service Training Association (IFSTA), Stillwater, OK; Fire Protection Publications

National Fire Protection Association, International Association of Fire Chiefs (2025), ***Fundamentals of Firefighter Skills and Hazardous Materials Response*** (5th Ed.). Burlington, MA: Jones and Bartlett Learning

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: IFSTA *Hazardous Materials for First Responders,* 6th Ed; IAFC/NFPA, *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed; *Emergency Response Guidebook,* 2024 Ed.; *Montana Fire Services' Response Planning, Mutual Aid, Command and Field Guide*, 2025 Ed.)

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 (□ nearby school, □ extended care facility, □ multi family, □other_____) □ No

Container Type_____, ERG container page_____

Hazard Class/Division _____, ERG Guide # _____

Actual conditions:

Temperature_____

Wind; direction_____, speed_____

Slope (towards/away from people/storm drains etc.) _____

Others on the site_____

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

Initial Isolation Distances (Use ERG) _____

Protective action distances (Use ERG) _____

Scene/Access Control Plan:

_____

_____

_____

Evacuation required □ Yes □ No

Notifications: (Resource: Emergency Response Guidebook, Montana Fire Services Mutual Aid, Command and Field Operations Guide)

_____

_____

_____

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: IFSTA *Hazardous Materials for First Responders,* 6th Ed; IAFC/NFPA, *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed; *Emergency Response Guidebook,* 2024 Ed.; *Montana Fire Services Response Planning, Mutual Aid, Command and Field Guide*, 2025 Ed.)

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 (□ nearby school, □ extended care facility, □ multi family, □other_____) □ No

Container Type_____, ERG Guide #_____

Hazard Class/Division _____, ERG Hazard Classification # _____

Actual conditions:

Temperature_____

Wind; direction _____, speed_____

Slope (towards/away from people/storm drains etc.) _____

Others on the site_____

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

Initial Isolation Distances (Use ERG) _____

Protective Action Distances (Use ERG) _____

Scene/Access Control Plan:

_____

_____

_____

Evacuation required? □ Yes □ No

Notifications: (Resource: Emergency Response Guidebook, Montana Fire Services Mutual Aid, Command and Field Operations Guide)

_____

_____

_____

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: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 74-76; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., p 1227)

Signed_____ **Date: ____/_____/_____**

5.2.1(d) Refer to Scenario #7 on the FSTS website. Name and describe this type of marking system and list the hazards shown on this container. (Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 77-78; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1224, 1226; *Emergency Response Guidebook,* 2024 Ed., pp 16-17)

Signed _____ **Date:_____/_____/_____**

5.2.1(e) Describe the routes of entry of hazardous materials to the human body. (Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 9-11; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1245-1247)

Signed _____ **Date** ____/____/____

5.2.1(f) Describe the sights, sounds, and odors that might indicate the presence of hazardous materials. (Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 90-92; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1217-1219)

Signed _____ **Date** ____/____/____

5.2.1(g) Describe the limitations of using senses to determine the presence of hazardous materials/WMD. (Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 90-92; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1217-1219)

Signed _____ **Date** ____/____/____

5.2.1(h) Describe the types of pipelines used to transport hazardous materials and the information found on pipeline markers. (Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 72-73; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1229-1232; *Emergency Response Guidebook,* 2024 Ed., pp 22-24)

Signed _____ **Date** ____/____/____

5.2.1(i) Describe where shipping papers (Shipping Documents) are found on different modes of transportation and the person responsible for them (road, rail, aviation, marine).
(Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 85-86; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1229-1233; *Emergency Response Guidebook,* 2024 Ed., inside front cover)

Signed _____ **Date** ____/____/____

5.2.1(j) Describe the information provided on shipping papers. (Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 84-89; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1224-1236; *Emergency Response Guidebook,* 2024 Ed., inside front cover)

Signed _____ **Date** ____/____/____

5.2.1(k) Describe the information provided on safety data sheets and where they are typically found.
(Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 87-89; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1224-1225)

_____

_____

_____

_____

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_____

_____

Signed _____ Date ____/____/____

Hazardous Materials—Operations Level

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: NIOSH *Pocket Guide to Chemical Hazards;* IFSTA *Hazardous Materials for First Responders,* 6th Ed; IAFC/NFPA, *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed; *Emergency Response Guidebook,* 2024 Ed.; *Montana Fire Services' Response Planning, Mutual Aid, Command and Field Guide*, 2025 Ed.)

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 (□ nearby school, □ extended care facility, □ multi family, □other_____). □ No

Container Type_____ERG container guide#_____

Hazard Class/Division _____ ERG Guide # _____

Actual conditions:

Temperature_____

Wind; Direction_____ Speed_____

Slope (towards/away from people/storm drains etc.) _____

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/Incompatabilities_____

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*) _____

Protective action distances (*Use ERG*) _____

Scene/Access Control Plan (*Isolation of hazard and control of entry)*

_____

_____

_____

Evacuation required? □ Yes □ No

Notifications (Resource: Emergency Response Guidebook)

_____

_____

_____

_____

Required PPE_____

Emergency De-Con Established?

□ Yes (*Location*_____)

□ No (*not needed*)

Emergency Care/ Treatment for exposed victims or personnel

_____

_____

_____

_____

_____

_____

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: NIOSH *Pocket Guide to Chemical Hazards;* IFSTA *Hazardous Materials for First Responders,* 6th Ed; IAFC/NFPA, *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed; *Emergency Response Guidebook,* 2024 Ed.**;** *Montana Fire Services' Response Planning, Mutual Aid, Command and Field Guide*, 2025 Ed.)

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 (□ nearby school, □ extended care facility, □ multi family, □other_____) □ No

Container Type _____ERG container guide #_____

Hazard Class/Division _____ ERG Guide #_____

Actual conditions:

Temperature_____

Wind; Direction_____ Speed_____

Slope (towards/away from people/storm drains etc) _____

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/Incompatabilities_____

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 (*Isolation of hazard and control of entry)*

_____

_____

_____

Evacuation required? □ Yes □ No

Notifications (Resource: Emergency Response Guidebook, Montana Fire Services Mutual Aid, Command and Field Operations Guide)_____

_____

_____

_____

Required PPE_____

Emergency De-Con Established?

□ Yes (*Location*_____)

□ No (*not needed*)

Emergency Care/ Treatment for exposed victims or personnel

_____

_____

_____

_____

_____

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: NIOSH *Pocket Guide to Chemical Hazards;* IFSTA *Hazardous Materials for First Responders,* 6th Ed; IAFC/NFPA, *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed; *Emergency Response Guidebook,* 2024 Ed.; *Montana Fire Services' Response Planning, Mutual Aid, Command and Field Guide*, 2025 Ed.)

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 (□ nearby school, □ extended care facility, □ multi family, □other_____). □ No

Container Type _____ERG container Guide #_____

Hazard Class/Division _____ ERG Guide #_____

Actual conditions

Temperature_____

Wind; Direction_____ Speed_____

Slope (towards/away from people/storm drains etc.) _____

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/Incompatabilities_____

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 (*Isolation of hazard and control of entry)*

_____

_____

_____

Evacuation required? □ Yes □ No

Notifications (Resource: Emergency Response Guidebook, Montana Fire Services Mutual Aid, Command and Field Operations Guide)

_____

_____

_____

_____

Required PPE_____

Emergency De-Con Established?

□ Yes (*Location*_____)

□ No (*not needed*)

Emergency Care/ Treatment for exposed victims or personnel

_____

_____

_____

_____

Signed _____ Date: _____/_____/_____

7.2.1(c) ***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: NIOSH *Pocket Guide to Chemical Hazards;* IFSTA *Hazardous Materials for First Responders,* 6th Ed; IAFC/NFPA, *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed; *Emergency Response Guidebook,* 2024 Ed.; *Montana Fire Services' Response Planning, Mutual Aid, Command and Field Guide*, 2025 Ed.)

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 (□ nearby school, □ extended care facility, □ multi family, □other_____). □ No

Container Type _____ERG container Guide #_____

Hazard Class/Division _____ ERG Guide #_____

Actual conditions:

Temperature_____

Wind; Direction_____ Speed_____

Slope (towards/away from people/storm drains etc.) _____

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/Incompatabilities_____

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 (*Isolation of hazard and control of entry)*

_____

_____

_____

Evacuation required? □ Yes □ No

Notifications (Resource: Emergency Response Guidebook, Montana Fire Services Mutual Aid, Command and Field Operations Guide)

_____

_____

_____

_____

Required PPE_____

Emergency De-Con Established?

□ Yes (*Location*_____)

□ No (*not needed*)

Emergency Care/ Treatment for exposed victims or personnel

_____

_____

_____

_____

_____

Signed _____ Date _____/_____/_____

7.3 Identify Tactics

7.3.1(a) Describe types of contamination and the difference between exposure and contamination. (Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 11-13; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1245, 1272-1273)

Signed _____ **Date** ____/____/____

7.3.1(b) Describe the types of decontamination. (Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., p 325; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1335-1337)

Signed _____ **Date** ____/____/____

7.3.1(c) Describe the purpose, advantages, and limitations of emergency decontamination. (Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 339-344; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1335-1337)

Signed _____ **Date** ____/____/____

7.4 Action Plan Implementation

7.4.1(a) Describe the criteria for determining the location of control zones. (Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 308-314; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1345-1347)

Signed _____ **Date** ____/____/____

7.4.1(b) Describe the protective action options of evacuation and sheltering-in-place. (Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 319-322; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1224-1225)

Signed _____ **Date** ____/____/____

7.4.1(c) Describe the duties and responsibilities of the Incident Safety Officer. (Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 300-305, 333; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1350-1354)

Signed _____ **Date** ____/____/____

7.4.1(d) Describe items to be considered in a safety briefing. (Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., p 302; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1349-1351)

Signed _____ **Date** ____/____/____

7.4.1(e) Describe the duties and responsibilities of a hazardous materials branch or group. (Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 304-305; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1355-1357)

Signed _____ **Date** ____/____/____

7.4.1(f) Describe heat disorders that personnel may experience on scene. (Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 386-388; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., p 1330)

_____

_____

_____

_____

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_____

_____

Signed _____ Date ____/____/____

Operations Level Responders Assigned Mission-Specific Responsibilities

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: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 353-358; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1366-1367)

Signed _____ **Date** ____/____/____

9.2.1(b) Describe the types and capabilities of PPE available for thermal, radiological, asphyxiating, chemical and biological incidents. (Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 354-378; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1366-1392)

Signed _____ **Date** ____/____/____

9.2.1(c) Describe the limitations of HazMat PPE to include physical limitations associated with use, permeation, penetration, and degradation. (Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 357-359; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1370-1371)

Signed _____ **Date** ____/____/____

9.2.1(d) Describe donning, doffing, and usage procedures of specialized HazMat PPE. (Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 383-390; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1369-1385)

Signed _____ **Date** ____/____/____

9.2.1(e) Describe procedures for inspection, maintenance, storage, and documentation of use for HazMat PPE. (Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 391-393; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1367-1368)

_____

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_____

Signed _____ Date ____/____/____

9.6 Mission Specific: Product Control

9.6.1(a) Describe the following:
(Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 503-525; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1398-1413)

Control:

_____
_____
_____
_____

Confinement:

_____
_____
_____
_____

Containment:

_____
_____
_____
_____

Extinguishment:

_____
_____
_____
_____

9.6.1(b) Describe the nine (9) product control methods and the safety precautions associated with each. (Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 498-503; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1398-1413)

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: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 503-525; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1407-1410)

Signed _____ **Date** ____/____/____

9.6.1(d) Describe the characteristics and applicability of foam AND absorbents as product control agents. (Resource: IFSTA, *Hazardous Materials for First Responders,* 6th Ed., pp 506, 513-518; IAFC/NFPA *Fundamentals of Firefighter Skills and Hazardous Materials Response,* 5th Ed., pp 1400-1413)

Signed _____ **Date** ____/____/____

9.6.1(e) Documenting product control operations. Describe the actions that you took relative to product control during the FSTS HazMat test (the tested tactic for this certification). Write this in the context of your supervisor asking you to document your actions for his/her incident report. (Resource: FSTS Firefighter I Test—Hazardous Materials Response)

Signed _____ **Date** ____/____/____

PROCTOR'S AFFIDAVIT

Note: This form may be duplicated so each proctor has one on 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 verify 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

Name of Candidate *(last name first)* _____

This page provides documentation for completion of the tactics required for Fire Fighter I certification.
Each task must be signed off by an FSTS representative. Other signatures will not be accepted.
This booklet must be present on the day of the test. Evaluators must sign prior to leaving the test site.

Exterior/Interior Fire Attack (TFF)
Evaluator_____ **Date**_____

Exterior/Interior Fire Attack (NFF)
Evaluator_____ **Date**_____

Enter/Isolate/Search (TFF)
Evaluator_____ **Date**_____

Enter/Isolate/Search (NFF)
Evaluator_____ **Date**_____

Roof Operations (TFF)
Evaluator_____ **Date**_____

Roof Operations (NFF)
Evaluator_____ **Date**_____

Firefighter Rescue (TFF)
Evaluator_____ **Date**_____

Firefighter Rescue (NFF)
Evaluator_____ **Date**_____

HazMat/Contamination Reduction (MFF)
Evaluator_____ **Date**_____

HazMat/Contamination Reduction (DFF)
Evaluator_____ **Date**_____

Traffic Incident Management (TFF)
Evaluator_____ **Date**_____

Traffic Incident Management (D/O)
Evaluator_____ **Date**_____