**FIRE FIGHTER I**
CERTIFICATION TEST
DOCUMENTATION BOOKLET

MSU Fire Services Training School
750 6th Street Southwest – Suite 205
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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Candidate's Name ____________________________________________________________

First ___________________ Middle ___________________ Last ___________________

Candidate's Home Address _____________________________________________________________________________
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Phone Contact ___________________ Secondary Phone Contact _________________________

Name of Fire Service Organization (FSO) of which you are a member: ____________________________________________

Mailing Address of Fire Service Organization (FSO) of which you are a member: ________________________________

Name of the Chief of the Fire Service Organization (FSO) of which you are a member. ______________________________

Daytime phone contact for your Chief ________________________________________________________________

TEST INSTRUCTIONS (PLEASE READ CAREFULLY!)

A Fire Fighter 1 Candidate has an **18 month period** to complete this test. Once the FSTS administered portion of the test has begun, it must be completed **within 9 months**. This period begins with the first test date entered and ends with the last test date a skill was demonstrated and recorded. **Notification:** When testing is planned or scheduled, contact your local FSTS Field Trainer and give notice of the dates, times, and location of the testing. Occasionally, the FSTS Field Trainer is required to observe local testing to ensure compliance with accreditation and certification rules. Reference materials from any source may be used by the Candidate to complete the locally administered, open resource portions of the testing process. **All answers and signatures in this test booklet must be hand written.** The (FSTS) Fire Fighter 1 Coaching Package is a vital training tool for instructors teaching the tactical skills listed inside the rear cover. Other resources are listed after some test elements and are available from the FSTS Resource Center.

The Chief Officer (CEO) 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 administrator, a certified instructor or Chief Officer of the Department who has a Proctor’s Affidavit on file with the FSTS must sign off each signature block and enter the date after witnessing your completion of each element. Every signature block must be signed and dated. The individual who conducts the test for an element and signs off a block, must be someone other than the
instructor the Candidate was trained and learned the skill from. Original signatures are required. The reference source cited after each element is the authoritative source for satisfactory performance. 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:

Doug Lobaugh  (406) 750-6046  Great Falls
Terry Larson    (406) 868-0655  Billings
Jerry Prete     (406) 461-2274  Miles City
Craig Jeppson   (406) 498-5444  Dillon
Jon Campbell    (406) 407-1996  Kalispell
Rick Paulsen    (406) 381-2390  Missoula
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, 750 6th Street SW–Ste 205, Great Falls, Montana 59404-3297

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.

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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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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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 firefighter. (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)

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)

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)
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)

Signed ___________________________________________________ Date: ____/_____/_____

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)

Signed ___________________________________________________ Date: ____/_____/_____
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)

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.)

Signed ___________________________________________________ Date: ____/_____/_____
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)

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)

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. IFST ESSENTIALS of FF, p. 93-97, 502-504; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 497-498, 499-500)

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. IFST ESSENTIALS of FF, p. 740-746; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 4th Ed. p. 753-762, FSTS Skills Testing Guide 25 )
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.


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)

Signed _____________________________ Date: ___/_____/_____

21
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)

Given the proper size and amount of rope the Candidate has demonstrated each of the following:

**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.

Signed __________________________________ Date: / / 

Candidate has demonstrated using a rope to tie ladders, hose and other objects to secure them.

Signed __________________________________ Date: / / 

22
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.


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.


Signed________________________________________  Date: ____/____/____
4.2 Recognition and Identification

4.2.1(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.


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 __________
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)

Scene/Access Control Plan:

______________________________________________________________

Evacuation required

☐ Yes

☐ No


______________________________________________________________

______________________________________________________________

______________________________________________________________

______________________________________________________________

Signed __________________________________________________________ Date: ___/___/____

4.2.1(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.


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:

________________________________________________________________________

________________________________________________________________________

Evacuation required

- ☐ Yes
- ☐ No


________________________________________________________________________

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________________________________________________________________________

Signed_________________________________________________________ Date: ___/___/____
4.2.1(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: 7th Ed. IFSTA Essentials of Fire Fighting, pp 1179-80)

Signed ______________________________________ Date: ___/___/____

4.2.1(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.

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________________________________________________________________________________________
________________________________________________________________________________________
________________________________________________________________________________________
________________________________________________________________________________________
________________________________________________________________________________________

Signed ______________________________________ Date: ___/___/____
4.2.1(e). Describe the types of pipelines used to transport hazardous materials and the information found on pipeline markers.

4.2.1(f). Describe where shipping papers are found on different modes of transportation (road, rail, aviation, marine).
(Resource: 2016 Emergency Response Guidebook, inside front cover, 7th Ed. IFSTA Essentials of Fire Fighting pp 1200-1201)

4.2.1(g). Describe the information provided on shipping papers.
(Resource: 2016 Emergency Response Guidebook, inside front cover, 7th Ed. IFSTA Essentials of Fire Fighting pp 1200-1201)
4.2.1(h). Describe the information provided on safety data sheets and where they are typically found.
(Resource: 2016 Emergency Response Guidebook, inside front cover, 7th Ed. IFSTA Essentials of Fire Fighting pp 1200-1202)

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Signed ___________________________ Date: ___/___/___

5.2 Identify Potential Hazards

5.2.1(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.

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__________

29
Actual conditions
Temperature_____________________________________
Wind; direction___________________________________, speed___________________________________
Slope (towards/away from people/storm drains ect)______________________________________________
Others on the site__________________________________________________________


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

Evacuation required
☐ Yes
☐ No


Required PPE

Emergency Decon Established
☐ Yes; Location_________________________________________
☐ No (not needed)

Signed _______________________________ Date: ___/___/____

5.2.1(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.

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 __________________________________________________________________________________________


□ 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 ____________________________
5.2.1(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.

(Use ERG) Initial isolation distances (Use ERG)
Scene/Access Control Plan

Evacuation required
- Yes
- No


Required PPE
Emergency Decon Established
- Yes; Location
- No (not needed)

Signed ___________________________ Date: ___/___/____

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

________________________________________________________________________

________________________________________________________________________

Evacuation required

☐ Yes

☐ No


________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

________________________________________________________________________

Required PPE__________________________________________________________

Emergency Decon Established

☐ Yes; Location___________________________________________________________

☐ No (not needed)

Signed ________________________________________________________________ Date: ___/___/___
5.2.1(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.


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_______________________________________________________________


☐ 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
_____________________________________________________________________
_____________________________________________________________________

Evacuation required
□ Yes
□ No

_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________
_____________________________________________________________________
Required PPE

Emergency Decon Established

☐ Yes; Location ________________________________
☐ No (not needed) ________________________________

Signed ________________________________ Date: ___/___/____

5.3 Identify Action Options

5.3.1(a). Describe types of contamination and the difference between exposure and contamination.
(Resource: 7th Ed. IFSTA Essentials of Fire Fighting, p 1072-1073)

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Signed ________________________________ Date: ___/___/____

5.3.1(b). Describe the routes of entry of hazardous materials to the human body.
(Resource: 7th Ed. IFSTA Essentials of Fire Fighting, p 1050)

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Signed ________________________________ Date: ___/___/____
5.3.1(c). Describe the types of decontamination.
(Resource: 7th Ed. IFSTA Essentials of Fire Fighting, pp 1359-1365)

5.1.3(d). Describe the purpose, advantages, and limitations of emergency decontamination.
(Resource: 7th Ed. IFSTA Essentials of Fire Fighting, pp 1362-1363)
5.4 Action Plan Implementation

5.4.1(a). Describe the protective action options of evacuation and sheltering-in-place.
(Resource: 7th Ed. IFSTA Essentials of Fire Fighting, pp 1248-1249)

5.4.1(b). Describe heat disorders that personnel may experience on scene.
(Resource: 7th Ed. IFSTA Essentials of Fire Fighting, p 1329)

6.2 Mission Specific: Personal Protective Equipment

6.2.1(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.
6.2.1(b). Describe the types and capabilities of PPE available for thermal, radiological, asphyxiating, chemical and biological hazards.

(Resource: 7th Ed. IFSTA Essentials of Fire Fighting, pp 1312-1319, 1322-1325)
6.2.1(c). Describe the limitations of hazmat PPE to include permeation, penetration, degradation, and physical.
(Resource: 7th Ed. IFSTA Essentials of Fire Fighting, pp 1320-1321)

6.2.1(d). Describe donning, doffing, and usage procedures of specialized hazmat PPE.
(Resource: 7th Ed. IFSTA Essentials of Fire Fighting, pp 1337-1338)
6.2.1(e). Describe procedures for inspection, maintenance and storage of hazmat PPE.
(Resource: 7th Ed. IFSTA Essentials of Fire Fighting, pp 1339)

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Signed ____________________________ Date: ____/____/____

6.6 Mission Specific: Product Control

6.6.1(a) Describe the following:
(Resource: 7th Ed. IFSTA Essentials of Fire Fighting, pp 1340, 1354)

Control:

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Confine ment:

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Containment:

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Extinguishment:

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Signed ____________________________ Date: ____/____/____
6.6.1(b). Describe nine product control methods and the safety precautions associated with each.
(Resource: 7th Ed. IFSTA Essentials of Fire Fighting, pp 1340-1349)

Signed ____________________________________________ Date: _____ / _____ / _____
6.6.1(c). Describe the location and operation of remote/emergency shutoff valves of cargo tanks and facilities that contain flammable liquids and gases.
(Resource: 7th Ed. IFSTA Essentials of Fire Fighting, pp 1355-1358)

Signed _____________________________ Date: ____/___/____

6.6.1(d). Describe the characteristics and applicability of foam and absorbents as product control agents.
(Resource: 7th Ed. IFSTA Essentials of Fire Fighting, pp 1343,1348-1354)

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:______/_____/______
This page provides documentation for completion of the tactics required for Fire Fighter I 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 2nd Story Tactic as Fire Fighter A
Evaluator ___________________________ Date __________________________
Enter/Isolate/Search 2nd 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________________________