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NFPA Standard 1001 - 2013 Edition

**** FIRE FIGHTER II ****

CERTIFICATION TEST

DOCUMENTATION BOOKLET

MSU Fire Services Training School
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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 (NPQS)

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

Fitness Requirements

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

Chief Officer's Signature

Date

Facilities and Equipment 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.

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:

| | | |
|------------------|----------------|-------------|
| Doug Lobaugh | (406) 750-6046 | Great Falls |
| Terry Larson | (406) 868-0655 | Billings |
| Jerry Prete | (406) 461-2274 | Miles City |
| Brandon Brunelle | (406) 230-2472 | Glasgow |
| Craig Jeppson | (406) 498-5444 | Missoula |
| Jon Campbell | (406) 407-1996 | Kalispell |

Upon completion of this Test Documentation Booklet, make a copy for your records, then give to a FSTS staff member OR send to FSTS via certified mail to : 750 6th St SW Great Falls MT 59404.

Duration of Certification:

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

304 Duration of Certification

304.1 Certifications issued under this system are recognized for purposes of progression within the system from the test completion date to the date a revised testing process is implemented by FSTS, however, certification will be recognized for progression purposes for a minimum of 5 years from its date of issuance.

304.2 Individuals with certifications which have lapsed under 304.1, are treated as new to the level or system and must be re-tested to the current standard for a given level.

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

Approved - Acceptable to the FTS or their authorized representative.

Authority having jurisdiction - Fire Training School (FTS).

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>

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 or equipment.

Shall - The term indicates a mandatory requirement.

Swiftly - The time, as determined by the qualified evaluator or FTS that it takes to perform the objective 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 II – Locally Tested Portion Administered by In-House Chief Officer

6.1.1 General Knowledge Requirements. Responsibilities of the Fire Fighter II in assuming and transferring command within an incident management system, performing assigned duties in conformance with applicable NFPA and other safety regulations and authority having jurisdiction procedures, and the role of a Fire Fighter II within the organization.

The candidate has demonstrated the functions in assuming and transferring command within an incident management system, performing assigned duties in conformance with applicable NFPA and other safety regulations and authority having jurisdiction procedures, and the role of a Fire Fighter II within the organization. Resource: Your FSO Leadership, IFSTA ESSENTIALS, 6th Ed., Ch 1, 17, NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, Ch 1, 4

Signed: _____ Date: ____/____/____

6.1.2 General Skill Requirements. The ability to determine the need for command, organize and coordinate an incident management system until command is transferred, and function within an assigned role in the incident management system.

The candidate has demonstrated the ability to determine the need for command, organize and coordinate an incident management system until command is transferred, and function within an assigned role in the incident management system. Resource: Your FSO Leadership IFSTA ESSENTIALS, 6th Ed., Ch 17, NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, Ch 4

Signed: _____ Date: ____/____/____

6.2.1 Complete a basic incident report, given the report forms, guidelines, and information, so that all pertinent information is recorded, the information is accurate, and the report is complete.

The candidate has completed a basic incident report, given the report forms, guidelines, and information, so that all pertinent information is recorded, the information is accurate, and the report is complete. **{*Label and attach a copy of the report to this page.*}**

Resource: Local operating procedures, IFSTA ESSENTIALS, 6th Ed., Ch 3, NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, p. 89-93

Signed: _____ Date: ____/____/____

6.2.2 Communicate the need for team assistance, given fire department communications equipment, standard operating procedures (SOPs), and a team, so that the supervisor is consistently informed of team needs, departmental SOPs are followed, and the assignment is accomplished safely.

The candidate has communicated the need for team assistance, given fire department communications equipment, standard operating procedures (SOPs), and a team, so that the supervisor is consistently informed of team needs, departmental SOPs are followed, and the assignment is accomplished safely.

Resource: Local operating procedures. IFSTA ESSENTIALS, 6th Ed., Ch 3, NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, Ch 1, 4

Signed: _____ Date: ____/____/____

6.3.1 Extinguish an ignitable liquid fire, operating as a member of a team, given an assignment, an attack line, personal protective equipment, a foam proportioning device, a nozzle, foam concentrates, and a water supply, so that the correct type of foam concentrate is selected for the given fuel and conditions, a properly proportioned foam stream is applied to the surface of the fuel to create and maintain a foam blanket, fire is extinguished, reignition is prevented, team protection is maintained with a foam stream, and the hazard is faced until retreat to safe haven is reached.

The candidate has demonstrated extinguishment of an ignitable liquid fire, operating as a member of a team, given an assignment, an attack line, personal protective equipment, a foam proportioning device, a nozzle, foam concentrates, and a water supply, so that the proper type of foam concentrate is selected for the given fuel and conditions, a properly proportioned foam stream is applied to the surface of the fuel to create and maintain a foam blanket, fire is extinguished, reignition is prevented, team protection is maintained with a foam stream, and the hazard is faced until retreat to safe haven is reached. Resource: IFSTA ESSENTIALS, 6th Ed., Ch 16,17, NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, Ch 16, 21

Signed: _____ Date: ____/____/____

6.3.2 Coordinate an interior attack line for a team’s accomplishment of an assignment in a structure fire, given attack lines, personnel, personal protective equipment, and tools, so that crew integrity is established; attack techniques are selected for the given level of the fire (for example, attic, grade level, upper levels, or basement); attack techniques are communicated to the attack teams; constant team coordination is maintained; fire growth and development is continuously evaluated; search, rescue, and ventilation requirements are communicated or managed; hazards are reported to the attack teams; and incident command is apprised of changing conditions.

The candidate has demonstrated coordinating an interior attack line team’s accomplishment of an assignment in a structure fire, given attack lines, personnel, personal protective equipment, and tools, so that crew integrity is established; attack techniques are selected for the given level of the fire (for example, attic, grade level, upper levels, or basement); attack techniques are communicated to the attack teams; constant team coordination is maintained; fire growth and development is continuously evaluated; search, rescue, and ventilation requirements are communicated or managed; hazards are reported to the attack teams; and incident command is apprised of changing conditions. Resource: IFSTA ESSENTIALS, 6th Ed., Ch 4, 16, 17 NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS Ch 2, 4, 8, 10, 13, 14, 16, 17, 21

Signed: _____ Date: ____/____/____

6.3.3 Control a flammable gas cylinder fire operating as a member of a team, given an assignment, a cylinder outside of a structure, an attack line, personal protective equipment, and tools, so that crew integrity is maintained, contents are identified, safe havens are identified prior to advancing, open valves are closed, flames are not extinguished unless the leaking gas is eliminated, the cylinder is cooled, cylinder integrity is evaluated, hazardous conditions are recognized and acted upon, and the cylinder is faced during approach and retreat.

The candidate has demonstrated control of a flammable gas cylinder fire operating as a member of a team, given an assignment, a cylinder outside of a structure, an attack line, personal protective equipment, and tools, so that crew integrity is maintained, contents are identified, safe havens are identified prior to advancing, open valves are closed, flames are not extinguished unless the leaking gas is eliminated, the cylinder is cooled, cylinder integrity is evaluated, hazardous conditions are recognized

and acted upon, and the cylinder is faced during approach and retreat. Resource: IFSTA ESSENTIALS, 6th Ed., Ch 17, NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS Ch 21

Signed: _____ Date: ____/____/____

6.3.4 Protect evidence of fire cause and origin, given a flashlight and overhaul tools, so that the evidence is noted and protected from further disturbance until investigators can arrive on the scene.

The candidate has demonstrated protecting evidence of fire cause and origin, given a flashlight and overhaul tools, so that the evidence is properly noted and protected from further disturbance until investigators can arrive on the scene. Resource: IFSTA ESSENTIALS, 6th Ed., Ch 19, NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, Ch 18, 37

Signed: _____ Date: ____/____/____

6.5.1 Perform a life safety survey in an occupied structure, given survey forms and procedures, so that fire and life safety hazards are identified, recommendations for their correction are made to the occupant, and unresolved issues are referred to the proper authority.

The candidate has performed a fire safety survey in an occupied structure, given survey forms and procedures, so that fire and life-safety hazards are identified, recommendations for their correction are made to the occupant, and unresolved issues are referred to the proper authority. **Complete the survey in the back cover of this certification Test Documentation Booklet.** (Resource: IFSTA ESSENTIALS, 6th Ed., Ch 21; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 2nd Ed., p. 918-919)

Signed _____ Date: ____/____/____

6.5.2 Present fire safety information to station visitors or small groups, given prepared materials, so that all information is presented, the information is accurate, and questions are answered or referred.

The candidate has presented fire safety information to station visitors or small groups, given prepared materials, so that all information is presented, the information is accurate, and questions are answered or referred. (Resource: IFSTA ESSENTIALS 6th Ed., Ch 21; NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, 2nd Ed. p. 928-930)

Signed _____ Date: ____/____/____

6.5.3 Prepare a pre-incident survey, given forms, necessary tools, and an assignment, so that all required occupancy information is recorded, items of concern are noted, and accurate sketches or diagrams are prepared.

The candidate has prepared a pre-incident survey, given forms, necessary tools, and an assignment, so that all required occupancy information is recorded, items of concern are noted, and accurate sketches or diagrams are prepared. **{*Label and ATTACH a copy of the survey to this page (Utilize Quick Access Form provided in appendix)*}** Resource: IFSTA ESSENTIALS, 6th Ed., Ch 20,21, NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS. Ch 22, 35

Signed: _____ Date: ____/____/____

6.5.4 Maintain power plants, power tools, and lighting equipment, given tools and manufacturers' instructions, so that equipment is clean and maintained according to manufacturer and departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise.

The candidate has maintained power plants, power tools, and lighting equipment, given appropriate tools and manufacturers' instructions, so that equipment is clean and maintained according to manufacturer and departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise. Resource: IFSTA ESSENTIALS, 6th Ed., Ch 10, NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, Ch 8, 18

Signed: _____ Date: ____/____/____

6.5.5 Perform an annual service test on fire hose, given a pump, a marking device, pressure gauges, a timer, record sheets, and related equipment, so that procedures are followed, the condition of the hose is evaluated, any damaged hose is removed from service, and the results are recorded.

The candidate has performed an annual service test on fire hose, given a pump, a marking device, pressure gauges, a timer, record sheets, and related equipment, so that procedures are followed, the condition of the hose is evaluated, any damaged hose is removed from service, and the results are recorded. Resource: IFSTA ESSENTIALS, 6th Ed., Ch 15, NFPA/IAFC FUNDAMENTALS OF FIRE FIGHTER SKILLS, Ch 16

Signed: _____ Date: ____/____/____

APPENDIX

Address: _____

Quick Access PreFire Plan

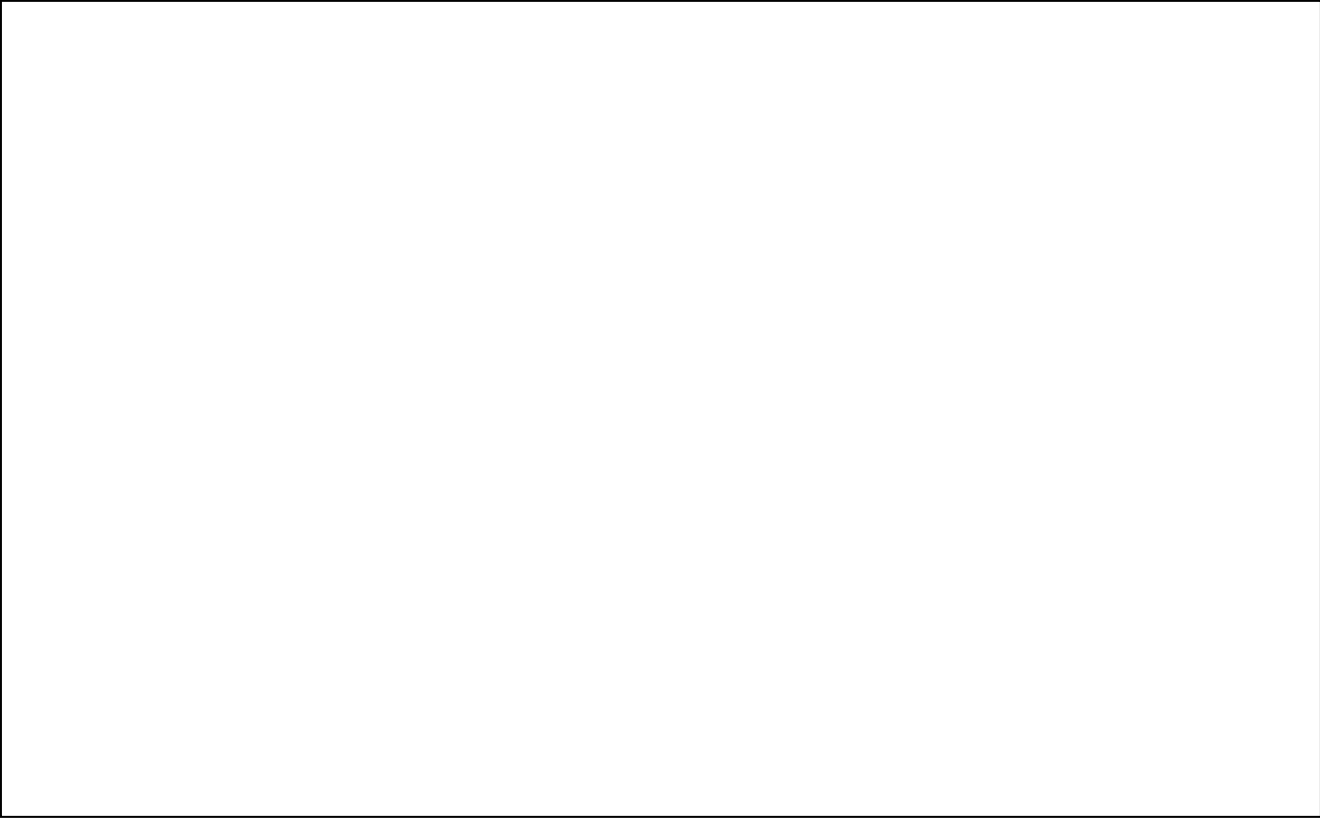
| | |
|--|-----------------------------|
| Building Description: Roof Construction: Floor Construction: | |
| Occupancy Type: | Initial Resources Required: |
| Hazards to Personnel: | |
| Location of Water Supply: | Available Flow: |

Estimated Fire Flow

| Level of Involvement | 25% | 50% | 75% | 100% |
|----------------------|-----|-----|-----|------|
| Estimated Fire Flow | | | | |

| | | |
|---------------------------|----------------|--------------------|
| Fire Behavior Prediction: | | |
| Predicted Strategies: | | |
| Problems Anticipated: | | |
| ___ Standpipe | ___ Sprinklers | ___ Fire Detection |

SITE PLAN



FLOOR PLAN



Building Construction and Fire Behavior Predictions:

What is the fire building construction type (classification)? _____

Where does the fire appear to be located? _____

What is the occupancy? _____

Was the structure constructed for the current occupancy? _____

Does there appear to be any significant construction deficiencies? _____

What factors of this building could be considered strengths? _____

What factors of this building could be considered concerns? _____

What avenues of fire, smoke or heat travel would you expect? _____

Are there any special safety concerns you would have for your firefighters?

What is the fire flow requirement for:

100% _____

75% _____

50% _____

25% _____

PROCTOR'S AFFIDAVIT

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

Date: _____

Proctor's Name _____

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

Proctor's Signature

Witness

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

Location of Training: _____

Lead Instructor: _____

Date of Training: ____/____/____

FSTS Tested Portion - Fire Fighter II Tactics

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

Low Angle Rescue Fire Fighter A
(Lowering / Raising Systems)

Evaluator Date

Low Angle Rescue Fire Fighter B

Evaluator Date

Low Angle Rescue Fire Fighter C

Evaluator Date

Low Angle Rescue (Litter) Fire Fighter A

Evaluator Date

Dash Roll Fire fighter A

Evaluator Date

Dash Roll Fire Fighter B

Evaluator Date

Dash Roll Fire Fighter C

Evaluator Date

Patient Access Fire Fighter A

Evaluator Date

Patient Access Fire Fighter B

Evaluator Date

RESIDENTIAL FIRE SAFETY SURVEY

| Basement | 1st Floor | 2nd Floor | Attic | Garage | Outside | |
|----------|-----------|-----------|-------|--------|---------|---|
| | | | | | | 1 Home has smoke alarms. |
| | | | | | | 2 Smoke alarms are in working order. |
| | | | | | | 3 Family has and practices an exit plan. |
| | | | | | | 4 Emergency numbers with address posted by phone. |
| | | | | | | 5 House numbers are easily visible from street. |
| | | | | | | 6 Exits are unobstructed. |
| | | | | | | 7 Adequate fire department access. |
| | | | | | | 8 Combustibles clear of exterior of residence. |
| | | | | | | 9 Outside garbage containers clear of residence. |
| | | | | | | 10 Extension cords are used only as a temporary measure. |
| | | | | | | 11 Appliance cords are in good condition. |
| | | | | | | 12 There are no overloaded outlets. |
| | | | | | | 13 Windows can be easily opened. |
| | | | | | | 14 Combustible trash is properly disposed of. |
| | | | | | | 15 Household chemicals are inaccessible to children. |
| | | | | | | 16 Matches are kept in secure area, out of reach of children. |
| | | | | | | 17 Large ashtrays are in every room. (Smokers only.) |
| | | | | | | 18 Candles clear of combustibles. Never left burning. |
| | | | | | | 19 Combustibles are clear of appliances (furnace/water heater) & utility areas. |
| | | | | | | 20 Furnace filters are clean and in good shape. |
| | | | | | | 21 Furnace serviced as recommended by manufacturer. |
| | | | | | | 22 Electrical panels clear of combustibles. |
| | | | | | | 23 Appliances are properly grounded. |
| | | | | | | 24 Clothes dryer lint collector is clean. |
| | | | | | | 25 Appropriate extinguisher available. |
| | | | | | | 26 Basement door is kept closed. |
| | | | | | | 27 Combustibles are clear of cooking areas. |
| | | | | | | 28 Small appliances are unplugged when not in use. |
| | | | | | | 29 Kitchen hood vent is clean and maintained. |
| | | | | | | 30 Fireplace has proper screen and hearth. |
| | | | | | | 31 Ashes disposed of properly. |
| | | | | | | 32 Chimney has been cleaned (if using solid fuels). |
| | | | | | | 33 CO Detector present and operable. |
| | | | | | | 34 Visible wiring is in good condition. |
| | | | | | | 35 Heating vents are properly maintained. |
| | | | | | | 36 There is a solid core door between garage and residence and no penetrations in the wall separating the garage. |
| | | | | | | 37 Gasoline powered equipment stored outside the residence. |
| | | | | | | 38 Flammable liquids are properly stored outside the residence. |
| | | | | | | 39 Propane properly stored outside residence. |

Address of Property Inspected: _____

Date Inspected: _____ Signature of Inspector: _____

Person to whom inspector(s) talked to: _____