

CERTIFICATION CURRICULUM MANUAL

CHAPTER ELEVEN

WILDLAND FIRE FIGHTER

2013 Edition

EFFECTIVE JANUARY 1, 2013



Texas Commission on Fire Protection
P.O. Box 2286 Austin, Texas 78768-2286 (512) 936-3838

CERTIFICATION CURRICULUM MANUAL – CHAPTER ELEVEN

BASIC WILDLAND FIRE FIGHTER

CHAPTER ELEVEN
BASIC WILDLAND FIRE FIGHTER
CURRICULUM OUTLINE

SECTION	SUBJECT	RECOMMENDED HOURS
Basic Wildland Fire Fighter		
1101-5.1	General	5
1101-5.2	Human Resource Management	0
1101-5.3	Preparedness	5
1101-5.4	Mobilization	0
1101-5.5	Suppression	30
TOTAL RECOMMENDED HOURS		40

*The recommend hours total is based on a class of 12 students. Actual hours required will depend on the number of students, the number of examiners, availability of equipment, and the student skill level.

RECOMMENDED REFERENCE LIST FOR THE BASIC WILDLAND FIRE FIGHTER CURRICULUM

Certified Training Facilities approved to teach this curriculum must have the following reference materials:

Firefighter Training S-130, Instructor Guide (2003). Boise, ID: National Wildfire Coordinating Group. National Interagency Fire Center.

Firefighter Training S-130, Student Work Book (2003). Boise, ID: National Wildfire Coordinating Group. National Interagency Fire Center.

Fireline Handbook (March, 2004). Boise, ID: National Wildfire Coordinating Group. National Interagency Fire Center.

Incident Response Pocket Guide (IRPG) (2010). Boise, ID: National Wildfire Coordinating Group. National Interagency Fire Center.

Introduction to Wildland Fire Behavior S-190, Instructor Guide (March, 2006). Boise, ID: National Wildfire Coordinating Group. National Interagency Fire Center.

Introduction to Wildland Fire Behavior S-190, Student Work Book (March, 2006). Boise, ID: National Wildfire Coordinating Group. National Interagency Fire Center.

New Generation Fire Shelter (2003). [DVD] Boise, ID: National Wildfire Coordinating Group. National Interagency Fire Center.

As of 5/8/2013, there is a free version of this DVD available for viewing at the following web address: <http://www.youtube.com/watch?v=QJsY6foLh8o&list=SP3D911BCBF3DDF303>

NFPA 1051: Standard for Wildland Fire Fighter Professional Qualifications (2012 Ed.). Quincy, MA: National Fire Protection Association. NFPA Publications

Standards Manual for Fire Protection Personnel. Austin, TX: Texas Commission on Fire Protection.

SECTION 1101
BASIC WILDLAND FIRE FIGHTER

1101-5.1 **General**

1101-5.1.1 The Basic Wildland Fire Fighter shall meet the JPRs defined in Sections 1101-5.1 through 1101-5.5.

Requisite Knowledge. Fireline safety, use, and limitations of personal protective equipment, agency policy on fire shelter use, basic wildland fire behavior, fire suppression techniques, basic wildland fire tactics, the fire fighter's role within the local incident management system, and first aid.

1. Fireline safety
 - a. Fire behavior (see S-190, *Introduction to Wildland Fire Behavior*)
 - b. Ten standard fire orders (see NFES 0065, *Fireline Handbook*)
 - c. Eighteen "Watch out" situations (see NFES 0065, *Fireline Handbook*)
 - d. Downhill indirect line construction checklist (see NFES 1077, *Incident Response Pocket Guide [IRPG]*)
 - e. LCES (lookouts, communications, escape routes, and safety zones)
 - f. NFES 2712, *New Generation Fire Shelter DVD*
 - g. Look up, down and around (see NFES 1077, *Incident Response Pocket Guide [IRPG]*)
 - h. Briefing checklist (see NFES 1077, *Incident Response Pocket Guide [IRPG]*)
 - i. Wildland engine safety
2. Use of personal protective equipment (PPE)
3. Limitations of personal protective equipment (PPE)
4. Agency policy on fire shelter use (AHJ)
5. Basic wildland fire behavior
6. Fire suppression techniques
7. Basic wildland fire tactics

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

8. The fire fighter's role within the local incident management system (AHJ)
9. First aid
 - a. *Fireline Handbook*, Chapter 1, Firefighter Health
 - b. *IRPG*, Section 7

Requisite Skills. Basic verbal communications and the use of required personal protective equipment.

1101-5.2 **Human Resource Management.** No JPRs at this level

1101-5.3 **Preparedness**

1101-5.3.1 **Definition of Duty.** Activities in advance of fire occurrence to ensure safe and effective suppression action.

1101-5.3.2 Maintain assigned personal protective equipment, given the standard equipment issue, so that the equipment is serviceable and available for use on the fireline and defects are recognized and reported to the supervisor.

Requisite Knowledge. Maintenance of personal protective equipment, including inspection, the recognition of unserviceable items, and proper cleaning procedures.

Maintenance of personal protective equipment (PPE) to include:

1. Inspection
 - a. Fire shelter
 - b. Pants
 - c. Shirt
 - d. Gloves
 - e. Helmet
 - f. Eye protection
 - g. Wildland boots
2. Recognition of unserviceable items
 - a. Conditions that make an item unserviceable
 - b. Procedures for replacement
3. Proper cleaning procedures – per manufacturers' recommendations

Requisite Skills. No requisite skills required at this level.

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

1101-5.3.3 Maintain assigned suppression hand tools and equipment, given tools and equipment and agency maintenance specifications, so that assigned equipment is safely maintained and serviceable and defects are recognized and reported to the supervisor.

Requisite Knowledge. Inspection of tools and assigned suppression equipment, the recognition of unserviceable items, and required maintenance techniques.

1. Inspection of tools (hand tools)
 - a. Shovel
 - b. Pulaski
 - c. Council rake
 - d. McLeod
 - e. Flapper
 - f. Other AHJ tools
2. Inspection of assigned suppression equipment
 - a. Backpack pumps
 - b. Hose
 - c. Nozzles
 - d. Hose clamps
 - e. Fittings
 - f. Other AHJ suppression equipment
3. Recognition of unserviceable items
 - a. Conditions that make an item unserviceable
 - b. Procedures for replacement
4. Required maintenance techniques – per manufacturers' recommendations

Requisite Skills. Sharpening and other maintenance techniques for assigned suppression equipment, and use of required maintenance equipment.

1101-5.4 **Mobilization.** No JPRs at this level.

1101-5.5 **Suppression**

1101-5.5.1 **Definition of Duty.** All activities to confine and extinguish a wildland fire, beginning with dispatch.

1101-5.5.2 Assemble and prepare for response, given an assembly location, an assignment, incident location, mode of transportation, and the time requirements, so that arrival at the incident with the required personnel and equipment meets agency guidelines.

Requisite Knowledge. Equipment requirements, agency time standards and special transportation considerations (weight limitations), agency safety, and operational procedures for various transportation modes.

1. Equipment requirements
2. Agency time standards
3. Special transportation considerations (weight limitations)
4. Agency safety
5. Operational procedures for various transportation modes
 - a. Vehicle
 - b. Boat
 - c. Helicopter
 - d. Fixed wing aircraft
 - e. Foot travel

Requisite Skills. None specified.

1101-5.5.3 Recognize hazards and unsafe situations given a wildland or wildland/urban interface fire and the standard safety policies and procedures of the agency, so that the hazard(s) and unsafe condition(s) are promptly communicated to the supervisor and appropriate action is taken.

Requisite Knowledge. Basic wildland fire safety, fire behavior, and suppression methods.

1. Basic wildland fire safety
 - a. Fire behavior (see S-190, *Introduction to Wildland Fire Behavior*)
 - b. Ten standard fire orders (see NFES 0065, *Fireline Handbook*)
 - c. Eighteen "Watch out" situations (see NFES 0065, *Fireline Handbook*)
 - d. Downhill indirect line construction checklist (see NFES 1077, *Incident Response Pocket Guide [IRPG]*)

- e. LCES (lookouts, communications, escape routes, and safety zones)
 - f. NFES 2712, *New Generation Fire Shelter DVD*
2. Fire behavior
 - a. Fire triangle
 - b. Methods of heat transfer
 - c. Basic terminology
 - d. Factors that affect fire behavior
 - 1) Topography
 - 2) Weather
 - 3) Fuels
 3. Suppression methods
 - a. Direct
 - b. Indirect
 - c. Parallel

Requisite Skills. None specified.

- 1101-5.5.4** Construct a fireline, given a wildland fire, agency line construction standards, suppression tools, water or other suppression agents, and equipment, so that the fireline conforms to the construction standard.

Requisite Knowledge. Principles of fireline construction, techniques, and standards.

1. Principles of fireline construction
2. Fireline construction techniques
3. Fireline construction standards (AHJ)

Requisite Skills. Correct use of hand tools, fire stream practices, and agent application.

- 1101-5.5.5** Secure the fireline, given a wildland fire and suppression tools, water or other suppression agents, and equipment, so that burning materials and unburned fuels that threaten the integrity of the fireline are located and abated.

Requisite Knowledge. Line improvement techniques and safety considerations when burning out.

1. Line improvement techniques

2. Safety considerations when burning out

Requisite Skills. Use of basic ignition devices.

- 1101-5.5.6** Describe the methods to reduce the threat of fire exposure to improved properties given a wildland or urban/interface fire, suppression tools, and equipment so that improvements are protected.

Requisite Knowledge. Wildland fire behavior, wildland fuel removal, structure protection methods, and equipment and personnel capabilities.

1. Wildland fire behavior
 - a. Wildland-Urban Watch-Outs
 - b. Factors that affect fire behavior
 - 1) Topography
 - 2) Weather
 - 3) Fuels
2. Wildland fuel removal
 - a. Create a defensible space
3. Structure protection methods
 - a. Structural triage
 - b. Modes of operation
 - 1) Offensive
 - 2) Defensive
 - 3) Combined
4. Equipment capabilities
 - a. Type and kind
5. Personnel capabilities
 - a. Training
 - b. Qualifications
 - c. Experience

Requisite Skills. The application of requisite knowledge to protect structures.

- 1101-5.5.7** Mop up fire area, given a wildland fire, suppression tools, and water or other suppression agents and equipment, so that burning fuels that threaten escape are located and extinguished.

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

Requisite Knowledge. Mop-up principles, techniques, and standards.

1. Mop-up principles
2. Mop-up techniques
 - a. Wet
 - b. Dry
 - c. Cold trailing
3. Mop-up standards (AHJ)

Requisite Skills. Use of basic tools and techniques to perform mop-up operations.

1101-5.5.8 Patrol the fire area, given a wildland fire, suppression tools, and equipment, so that control of the fire area is maintained.

Requisite Knowledge. Patrol principles, techniques, and standards.

1. Patrol principles
2. Patrol techniques
3. Patrol standards (AHJ)

Requisite Skills. The application of requisite knowledge.

INSTRUCTION SHEET BASIC WILDLAND FIRE FIGHTER PERFORMANCE SKILLS

Format

The Basic Wildland Fire Fighter performance skills were designed to meet both the NFPA and NWCG national standards. For optimal learning, scenario-based training and role-playing is recommended; however, based on departmental needs certain activities may be simulated by other means. Skills demonstration requires realism, and should be conducted at various wildland/urban interface situations when possible. The Course Instructor should specify time constraints as necessary.

Note: The Basic Wildland Fire Fighter performance skills are numbered so that there is one skill per subject area. This means that all of the skills will be evaluated during the final TCFP designated skills testing. Some skills have multiple sections which are all considered part of that skill. Therefore, all parts of each skill must be evaluated.

Scoring Method

The scoring method is satisfactory (S) or unsatisfactory (U) for each grading criteria, and a Pass or Fail for the entire skill sheet. In order to successfully pass the Basic Wildland Fire Fighter skills evaluation, the Basic Wildland Fire Fighter candidate must receive satisfactory scores in all of the grading criteria. Any grading criteria marked unsatisfactory shall require the examiner to explain the reason for the failure in written form in the comments section of the skill sheet.

Preparation and Equipment

Some of the skills require the use of department policies. It is suggested that the Course Instructor use the policies and procedures from his/her department. If teaching this course at a non-departmental institution, acquire a fire department's policies and procedures, or modification thereof, to complete these skills.

TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER
Performance Standards Evaluation

SKILL #1
Using a Fire Shelter

Subject: General

Section 1101

NFPA 1051 5.1.1

Basic Wildland Firefighter

OBJECTIVE

Properly uses required personal protective equipment. (5.1.1)

INSTRUCTIONS - procedures for achieving the objective

You will be given a practice fire shelter in a protective bag. You will demonstrate how to properly deploy a fire shelter in 25 seconds or less. You will begin on my instruction to start. **Time will end** when you state to me that the shelter has been properly deployed. **The skill will end** when you are told that it is safe to come out of the shelter. Do you understand these instructions?

EXAMINERS NOTE

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing.

PREPARATION & EQUIPMENT

Practice fire shelter
Hand tools
Timing device

The wildland firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR WILDLAND FIREFIGHTERS**" as defined in the *Fireline Handbook* (Appendix A, p. 39) which includes hard hat, fire resistant shirt/pants or jump suit, 8" leather boots, leather gloves, fire shelter, hearing/eye protection.

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER
 Performance Standards Evaluation

SKILL #1
 Using a Fire Shelter

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

Basic Wildland Firefighter	TEST		RETEST	
	S	U	S	U
SKILL #1				
Properly uses required personal protective equipment. (5.1.1)				
a. Properly wears the required PPE				
b. Leaves hand tools well away from fire shelter				
c. Removes shelter from protective bag				
d. Shakes out and opens folds				
e. Steps into shelter holding bottom flaps down with feet and holding top flaps with gloved hands (no body parts may be outside the shelter)				
f. Positions body so feet are toward oncoming flame front				
g. Verbally states when shelter is properly deployed. Time stops here.				
h. Stays in shelter until supervisor advises it's safe to come out				
i. Performs skill in a safe and proficient manner				
j. Completes deployment in 25 seconds or less				

S = Satisfactorily completed/performed

U = Unsatisfactorily performed/failed to meet objective or grading step

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER
Performance Standards Evaluation

Evaluator/Candidate Comments:

All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.

_____	_____	Overall Skill Sheet Score
Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
_____	_____	Overall Skill Sheet Re-Test Score
Re-Test Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER
Performance Standards Evaluation

SKILL #2 – Part 1
Inspect Personal Protective Equipment

Subject: Preparedness

Section 1101

NFPA 1051 5.3.2, 5.1.1

Basic Wildland Firefighter

OBJECTIVE

Maintain assigned personal protective equipment, given the standard equipment issue, so that the equipment is serviceable and available for use on the fireline and defects are recognized and reported to the supervisor. (5.3.2)

Basic verbal communications (5.1.1)

INSTRUCTIONS - procedures for achieving the objective

You will be given a complete set of wildland firefighter personal protective equipment. You shall perform an inspection of the protective equipment in a proficient manner. You will verbally state whether each item is serviceable or defective. You shall also describe the inspection frequency for fire shelters. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

EXAMINERS NOTE

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing. The frequency of fire shelter inspection is upon shelter issuance, the beginning of each fire season, and every two weeks during each fire season.

PREPARATION & EQUIPMENT

Practice fire shelter
Hard hat
Fire resistant shirt/pants or jump suit
8" leather boots
Leather gloves
Eye protection

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER
 Performance Standards Evaluation

SKILL #2 – Part 1
 Inspect Personal Protective Equipment

Candidate: _____ Notes: _____

Examiner: _____

School: _____

Test Site: _____

Basic Wildland Firefighter	<u>TEST</u>		<u>RETEST</u>	
SKILL #2 – Part 1	S	U	S	U
Maintain assigned personal protective equipment, given the standard equipment issue, so that the equipment is serviceable and available for use on the fireline and defects are recognized and reported to the supervisor. (5.3.2)				
Basic verbal communications (5.1.1)				
Shirt/pants or jumpsuit	S	U	S	U
a. Checks label for conformance with standard and care instructions				
b. Checks for tears				
c. Checks for worn areas				
d. Checks for cleanliness				
e. Checks reflective trim (if applicable)				
f. <i>Verbally states whether clothing is serviceable or defective</i>				
Hard hat/helmet	S	U	S	U
a. Checks label for conformance with standard and care instructions				
b. Checks shell for excessive wear or damage				
c. Checks components of impact system				
d. Checks chin strap for excessive wear or damage				
e. Checks eye protection for excessive wear or damage				
f. Checks shroud (if applicable) for excessive wear or damage				
g. <i>Verbally states whether hard hat/helmet is serviceable or defective</i>				

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER**

Performance Standards Evaluation

Leather gloves	S	U	S	U
a. Checks label for conformance with standard and care instructions				
b. Checks for excessive wear or damage				
c. Checks for flexibility and fit based on agency SOPs				
d. <i>Verbally states whether leather gloves are serviceable or defective</i>				
8" Leather boots	S	U	S	U
a. Checks label for conformance with standard and care instructions				
b. Checks for excessive wear or damage				
c. Checks for cleanliness based on agency SOPs				
d. Checks for proper fit based on agency SOPs				
e. <i>Verbally states whether boots are serviceable or defective</i>				
Fire shelter	S	U	S	U
a. Checks carrying case for excessive wear or damage				
b. Checks protective bag for discoloration or debris				
c. Checks for tears on shelter longer than ¼"				
d. Does not remove shelter from sealed bag				
e. <i>Verbally states whether shelter is serviceable or defective</i>				
Inspection frequency of the fire shelter	S	U	S	U
a. Verbally states when inspections should be performed				

S = Satisfactorily completed/performed

U = Unsatisfactorily performed/failed to meet objective or grading step

Evaluator/Candidate Comments:

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER**

Performance Standards Evaluation

**All steps of the skill objective are mandatory and must be scored as
“Satisfactory” to pass the skill.**

_____	_____	Overall Skill Sheet Score
Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
_____	_____	Overall Skill Sheet Re-Test Score
Re-Test Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER**

Performance Standards Evaluation

SKILL #2 – Part 2
Equipment Maintenance

Subject: Preparedness

Section 1101

NFPA 1051 5.3.3

Basic Wildland Firefighter

OBJECTIVE

Maintain assigned suppression hand tools and equipment, given tools and equipment and agency maintenance specifications, so that assigned equipment is safely maintained and serviceable and defects are recognized and reported to the supervisor. (5.3.3)

INSTRUCTIONS - procedures for achieving the objective

Given a randomly selected piece of equipment, you shall demonstrate the ability to clean, check, sharpen and place equipment in a ready state or report otherwise.

- Axe
- Pulaski
- McLeod
- Combi tool
- Shovel
- Other tools that can be sharpened

EXAMINERS NOTE

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing.

The examiner will identify which tool is chosen for the skill.

PREPARATION & EQUIPMENT

Axe
Pulaski
McLeod
Combi tool
Shovel
Grub hoe
File

The wildland firefighter trainee shall accomplish the skill wearing leather gloves and eye protection.

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER
Performance Standards Evaluation**

**SKILL #2 – Part 2
Equipment Maintenance**

Candidate: _____ Notes: _____

Examiner: _____

School: _____

Test Site: _____

Basic Wildland Firefighter	<u>TEST</u>		<u>RETEST</u>	
	S	U	S	U
SKILL #2 – Part 2				
Maintain assigned suppression hand tools and equipment, given tools and equipment and agency maintenance specifications, so that assigned equipment is safely maintained and serviceable and defects are recognized and reported to the supervisor. (5.3.3)				
a. Selects correct tool				
b. Sharpens and performs maintenance techniques				
c. Follows maintenance guidelines per AHJ or manufacturer's recommendations				
d. Recognizes and reports defects if applicable (AHJ)				
e. Performs skill in a safe and proficient manner				

S = Satisfactorily completed/performed

U = Unsatisfactorily performed/failed to meet objective or grading step

Evaluator/Candidate Comments:

All steps of the skill objective are mandatory and must be scored as "Satisfactory" to pass the skill.

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER
Performance Standards Evaluation

Certifying Examiner

Date

Overall Skill Sheet Score

Pass Fail

Re-Test Certifying Examiner

Date

Overall Skill Sheet Re-Test Score

Pass Fail

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER
Performance Standards Evaluation

SKILL #3 – Part 1
Using the IRPG

Subject: Suppression

Section 1101

NFPA 1051 5.5.3

Basic Wildland Firefighter

OBJECTIVE

Recognize hazards and unsafe situations given a wildland or wildland/urban interface fire and the standard safety policies and procedures of the agency, so that the hazard(s) and unsafe condition(s) are promptly communicated to the supervisor and appropriate action is taken. (5.5.3)

INSTRUCTIONS - procedures for achieving the objective

Using the *IRPG*, you will identify and describe the standard safety policies and procedures for a wildland or wildland/urban interface fire. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

EXAMINERS NOTE

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing. To meet the skill steps evaluation criteria, the wildland firefighter trainee shall identify (locate in the *IRPG*) and describe (summarize and explain the importance of) each of the standard safety policies and procedures.

PREPARATION & EQUIPMENT

IRPG

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER
 Performance Standards Evaluation

SKILL #3 – Part 1
 Using the IRPG

Candidate: _____ Notes: _____

Examiner: _____

School: _____

Test Site: _____

Basic Wildland Firefighter	TEST		RETEST	
	S	U	S	U
SKILL #3 – Part 1				
Recognize hazards and unsafe situations given a wildland or wildland/urban interface fire and the standard safety policies and procedures of the agency, so that the hazard(s) and unsafe condition(s) are promptly communicated to the supervisor and appropriate action is taken. (5.5.3)				
a. Identify and describe LCES				
b. Identify and describe the briefing checklist				
c. Identify and describe standard firefighting orders				
d. Identify and describe watchout situations				
e. Identify and describe common denominators on tragedy fires				
f. Identify and describe downhill checklist				
g. Identify and describe wildland urban/interface tactical challenges and hazards				

S = Satisfactorily completed/performed

U = Unsatisfactorily performed/failed to meet objective or grading step

Evaluator/Candidate Comments:

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER
Performance Standards Evaluation

All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.

Certifying Examiner

Date

Re-Test Certifying Examiner

Date

Overall Skill Sheet Score
Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score
Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER
Performance Standards Evaluation

SKILL #3 – Part 2
Construct a Fireline

Subject: Suppression

Section 1101

NFPA 1051 5.5.4

Basic Wildland Firefighter

OBJECTIVE

Construct a fireline, given a wildland fire, agency line construction standards, suppression tools, water or other suppression agents, and equipment, so that the fireline conforms to the construction standard. (5.5.4)

INSTRUCTIONS - procedures for achieving the objective

Given a simulated wildland fire, suppression tools, water or other suppression agents and equipment, you will construct a fire line. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

EXAMINERS NOTE

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing.

PREPARATION & EQUIPMENT

Axe
Pulaski
McLeod
Combi tool
Shovel
Grub hoe
Fire rake
Broom
Other miscellaneous hand tools (AHJ)
Backpack pump or other agent application equipment (AHJ)

The wildland firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR WILDLAND FIREFIGHTERS**" as defined in the *Fireline Handbook* (Appendix A, p. 39) which includes hard hat, fire resistant shirt/pants or jump suit, 8" leather boots, leather gloves, fire shelter, hearing/eye protection.

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER
Performance Standards Evaluation**

**SKILL #3 – Part 2
Construct a Fireline**

Candidate: _____ Notes: _____

Examiner: _____

School: _____

Test Site: _____

Basic Wildland Firefighter	<u>TEST</u>		<u>RETEST</u>	
SKILL #3 – Part 2	S	U	S	U
Construct a fireline, given a wildland fire, agency line construction standards, suppression tools, water or other suppression agents, and equipment, so that the fireline conforms to the construction standard. (5.5.4)				
a. Correctly uses hand tools to construct an adequate fire line				
b. Demonstrates proper fire stream practices and/or agent application				
c. Performs skill in a safe and proficient manner				

S = Satisfactorily completed/performed

U = Unsatisfactorily performed/failed to meet objective or grading step

Evaluator/Candidate Comments:

All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER
Performance Standards Evaluation

Certifying Examiner

Date

Overall Skill Sheet Score

Pass Fail

Re-Test Certifying Examiner

Date

Overall Skill Sheet Re-Test Score

Pass Fail

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER**

Performance Standards Evaluation

SKILL #3 – Part 3

Ignition Devices

Subject: Suppression

Section 1101

NFPA 1051 5.5.5

Basic Wildland Firefighter

OBJECTIVE

Secure the fireline, given a wildland fire and suppression tools, water or other suppression agents, and equipment, so that burning materials and unburned fuels that threaten the integrity of the fireline are located and abated. (5.5.5)

INSTRUCTIONS - procedures for achieving the objective

You will identify and assemble basic ignition devices for use to secure a fire line so that burning materials and unburned fuels that threaten the integrity of the fireline are located and abated. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

EXAMINERS NOTE

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing. At no time will live fire be used during this simulation.

PREPARATION & EQUIPMENT

Drip torch
Fusee

The wildland firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR WILDLAND FIREFIGHTERS**" as defined in the *Fireline Handbook* (Appendix A, p. 39) which includes hard hat, fire resistant shirt/pants or jump suit, 8" leather boots, leather gloves, fire shelter, hearing/eye protection.

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER
 Performance Standards Evaluation

SKILL #3 – Part 3
 Ignition Devices

Candidate: _____ Notes: _____

Examiner: _____

School: _____

Test Site: _____

Basic Wildland Firefighter	<u>TEST</u>		<u>RETEST</u>	
	S	U	S	U
SKILL #3 – Part 3				
Secure the fireline, given a wildland fire and suppression tools, water or other suppression agents, and equipment, so that burning materials and unburned fuels that threaten the integrity of the fireline are located and abated. (5.5.5)				
a. Identifies and explains the use of basic ignition devices				
b. Assembles a drip torch				
c. Describes fuel mixture for drip torch				
d. Describes safe transport and demonstrates storage of drip torch and fuel				
e. Describes how to properly use and deploy a fusee				
f. Describes safe transport and demonstrates storage of fusee				
g. Performs skill in a safe and proficient manner				

S = Satisfactorily completed/performed

U = Unsatisfactorily performed/failed to meet objective or grading step

Evaluator/Candidate Comments:

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER**

Performance Standards Evaluation

**All steps of the skill objective are mandatory and must be scored as
“Satisfactory” to pass the skill.**

_____	_____	Overall Skill Sheet Score
Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
_____	_____	Overall Skill Sheet Re-Test Score
Re-Test Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER**

Performance Standards Evaluation

SKILL #3 – Part 4

Protect Structures

Subject: Suppression

Section 1101

NFPA 1051 5.5.6

Basic Wildland Firefighter

OBJECTIVE

Describe the methods to reduce the threat of fire exposure to improved properties given a wildland or urban/interface fire, suppression tools, and equipment so that improvements are protected. (5.5.6)

INSTRUCTIONS - procedures for achieving the objective

Given a wildland or urban/interface fire scenario and using the *IRPG* or *Fireline Handbook*, you will describe the methods to reduce the threat of fire exposure to structures. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

EXAMINERS NOTE

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing.

The wildland firefighter trainee shall be provided with a picture or video of a wildland or urban/interface with structures.

PREPARATION & EQUIPMENT

Picture or video scenario

IRPG

Fireline Handbook

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER
 Performance Standards Evaluation

SKILL #3 – Part 4
 Protect Structures

Candidate: _____ Notes: _____

Examiner: _____

School: _____

Test Site: _____

Basic Wildland Firefighter	<u>TEST</u>		<u>RETEST</u>	
SKILL #3 – Part 4	S	U	S	U
Describe the methods to reduce the threat of fire exposure to improved properties given a wildland or urban/interface fire, suppression tools, and equipment so that improvements are protected. (5.5.6)				
a. Explains the importance of LCES				
b. Describes wildland structural triage				
c. Describes structural preparation for wildfire				
d. Identifies and explains fuel removal and ladder fuels				
e. Discusses structural ignition factors				
f. Explains equipment and personnel capabilities and limitations				

S = Satisfactorily completed/performed

U = Unsatisfactorily performed/failed to meet objective or grading step

Evaluator/Candidate Comments:

All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER
Performance Standards Evaluation

Certifying Examiner

Date

Re-Test Certifying Examiner

Date

Overall Skill Sheet Score
Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score
Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER
Performance Standards Evaluation

SKILL #3 – Part 5
Mop-Up Fire Area

Subject: Suppression

Section 1101

NFPA 1051 5.5.7

Basic Wildland Firefighter

OBJECTIVE

Mop up fire area, given a wildland fire, suppression tools, and water or other suppression agents and equipment, so that burning fuels that threaten escape are located and extinguished. (5.5.7)

INSTRUCTIONS - procedures for achieving the objective

Given a wildland fire scenario and using the *IRPG* or *Fireline Handbook*, you will describe the tools and techniques needed to properly mop up a fire area to prevent reignition. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

EXAMINERS NOTE

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing.

The wildland firefighter trainee shall be provided with a picture or video of a controlled wildland fire.

PREPARATION & EQUIPMENT

Picture or video scenario

IRPG

Fireline Handbook

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER
 Performance Standards Evaluation

SKILL #3 – Part 5
 Mop-Up Fire Area

Candidate: _____ Notes: _____

Examiner: _____

School: _____

Test Site: _____

Basic Wildland Firefighter	<u>TEST</u>		<u>RETEST</u>	
SKILL #3 – Part 5	S	U	S	U
Mop up fire area, given a wildland fire, suppression tools, and water or other suppression agents and equipment, so that burning fuels that threaten escape are located and extinguished. (5.5.7)				
a. Explains the importance of LCES				
b. Describes tools used to perform mop-up operations				
c. Describes techniques used to perform mop-up operations				
d. Identifies factors needed to prevent reignition				

S = Satisfactorily completed/performed

U = Unsatisfactorily performed/failed to meet objective or grading step

Evaluator/Candidate Comments:

All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

TEXAS COMMISSION ON FIRE PROTECTION
BASIC WILDLAND FIREFIGHTER
Performance Standards Evaluation

Certifying Examiner

Date

Re-Test Certifying Examiner

Date

Overall Skill Sheet Score
Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Overall Skill Sheet Re-Test Score
Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

CERTIFICATION CURRICULUM MANUAL – CHAPTER ELEVEN

INTERMEDIATE WILDLAND FIRE FIGHTER

CHAPTER ELEVEN
INTERMEDIATE WILDLAND FIRE FIGHTER
CURRICULUM OUTLINE

SECTION	SUBJECT	RECOMMENDED HOURS
Intermediate Wildland Fire Fighter		
1102-6.1	General	2
1102-6.2	Human Resource Management	3
1102-6.3	Preparedness	3
1102-6.4	Mobilization	0
1102-6.5	Suppression	12
TOTAL RECOMMENDED HOURS		20

*The recommend hours total is based on a class of 12 students. Actual hours required will depend on the number of students, the number of examiners, availability of equipment, and the student skill level.

RECOMMENDED REFERENCE LIST FOR THE INTERMEDIATE WILDLAND FIRE FIGHTER CURRICULUM

Certified Training Facilities approved to teach this curriculum must have the following reference materials:

Firefighter Training S-130, Instructor Guide (2003). Boise, ID: National Wildfire Coordinating Group. National Interagency Fire Center.

Firefighter Training S-130, Student Work Book (2003). Boise, ID: National Wildfire Coordinating Group. National Interagency Fire Center.

Fireline Handbook (March, 2004). Boise, ID: National Wildfire Coordinating Group. National Interagency Fire Center.

Incident Response Pocket Guide (IRPG) (2010). Boise, ID: National Wildfire Coordinating Group. National Interagency Fire Center.

NFPA 1051: Standard for Wildland Fire Fighter Professional Qualifications (2012 Ed.). Quincy, MA: National Fire Protection Association. NFPA Publications

Portable Pumps and Water Use, S-211, Student Work Book (2012). Boise, ID: National Wildfire Coordinating Group. National Interagency Fire Center.

Standards Manual for Fire Protection Personnel. Austin, TX: Texas Commission on Fire Protection.

Wildland Fire Chain Saws, S-212 Student Workbook (February, 2004). Boise, ID: National Wildfire Coordinating Group. National Interagency Fire Center.

Wildland Training for Structural Firefighters, G-131 (September 2008). Boise, ID: National Wildfire Coordinating Group. National Interagency Fire Center.

SECTION 1102
INTERMEDIATE WILDLAND FIRE FIGHTER

1102 – 6.1 **General**

1102-6.1.1 Prior to progressing to the Intermediate Wildland Fire Fighter level, the Basic Wildland Fire Fighter shall meet the JPRs defined in Sections 1102-6.1 through 1102-6.5

Requisite Knowledge. The Intermediate Wildland Fire Fighter role within the incident management system, basic map reading and compass use or other locating device, radio procedures, and record keeping.

1. The Intermediate Wildland Fire Fighter role within the incident management system
2. Basic map reading
3. Compass use or other locating device
4. Radio procedures
5. Record keeping

Requisite Skills. Orienteering and radio use.

1102-6.2 **Human Resource Management**

1102-6.2.1 Evaluate the readiness of assigned crew members, given a wildland fire, an assigned task, and agency equipment standards, so that crew members are equipped and supplied for suppression duties.

Requisite Knowledge. Agency standards and personnel inspection procedures.

1. Agency standards (AHJ)
2. Personnel inspection procedures
 - a. PPE
 - b. Tools
 - c. Supplies
 - d. Qualifications
 - e. Physical fitness level

Requisite Skills. Inspect members' personal protective equipment, tools, supplies, qualifications, and physical fitness level.

- 1102-6.2.2 Brief assigned personnel, given an assignment, supporting information, and equipment requirements, so that the personnel are informed of specific tasks, standards, safety, operational, and special interest area considerations.

Requisite Knowledge. Incident and task information necessary to carry out assignments.

1. Incident and task information necessary to carry out assignments
 - a. Briefing checklist
 - 1) Situation
 - 2) Mission/execution
 - 3) Communications
 - 4) Service/support
 - 5) Risk management
 - 6) Questions or concerns

Requisite Skills. Briefing skills.

- 1102-6.2.3 Lead wildland fire fighters in the performance of a task, given an assignment and performance standards, so that the task is safely completed within the standards in accordance with agency guidelines.

Requisite Knowledge. Leadership techniques for small groups.

1. Leadership techniques for small groups
 - a. Personnel safety
 - b. Timely completion of assigned tasks
 - c. Communication
 - 1) Face-to-face
 - 2) Radio
 - 3) Written

Requisite Skills. The application of requisite knowledge to lead wildland fire fighters to complete the task in a manner that is within the standard.

1102-6.3 **Preparedness**

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

1102-6.3.1 **Definition of Duty.** Responsibilities in advance of fire occurrence to ensure that tools, equipment, and supplies are fire ready.

1102-6.3.2 Maintain power tools and portable pumps, given agency maintenance specifications, supplies, and small tools, so that equipment is maintained and serviceable and defects are recognized and repaired.

Requisite Knowledge. Maintenance procedures for power tools and portable pumps.

1. Maintenance procedures for power tools – AHJ, per manufacturers' recommendations
2. Maintenance procedures for portable pumps – AHJ, per manufacturers' recommendations

Requisite Skills. Power tool and portable pump preventative maintenance and repair.

1102-6.3.3 Inspect tools and equipment, given agency specifications, so that availability of the tools and equipment for fire use is ensured.

Requisite Knowledge. Tool and equipment inspection guidelines.

1. Tool inspection guidelines – AHJ, per manufacturers' recommendations
2. Equipment inspection guidelines – AHJ, per manufacturers' recommendations

Requisite Skills. Ability to inspect the tools and equipment according to guidelines.

1102-6.4 **Mobilization.** No JPRs at this level.

1102-6.5 **Suppression**

1102-6.5.1 **Definition of Duty.** All activities to contain and extinguish a wildland or wildland/urban interface fire beginning with dispatch.

1102-6.5.2 Select fireline construction methods, given a wildland fire and line construction standards, so that the technique used is compatible with the conditions and meets agency standards.

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

Requisite Knowledge. Resource capabilities and limitations, fireline construction methods, and agency standards.

1. Resource capabilities
 - a. Resource type and kind
2. Resource limitations
3. Fireline construction methods
 - a. Hand crew
 - b. Dozer
 - c. Wet line
 - d. Foam
 - e. Retardant
4. Agency standards (AHJ)
5. IRPG downhill checklist

Requisite Skills. None specified.

- 1102-6.5.3 Effect the reduction of fire exposure to improved properties given a wildland or wildland/urban interface fire and available tools and equipment so that improvements are protected and the risk from fire is reduced.

Requisite Knowledge. Knowledge of fire behavior in both wildland and improved properties, and the effects of fuel modification to reduce the hazard.

1. Fire behavior in wildland and improved properties
 - a. Fuel
 - b. Weather
 - c. Topography
2. Effects of fuel modification to reduce the hazard
 - a. Fuel type
 - b. Fuel loading
 - c. Fuel moisture
 - d. Size and shape
 - e. Horizontal continuity
 - f. Vertical arrangement

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

Requisite Skills. The use of tools and equipment to protect the improved property.

- 1102-6.5.4 Operate a chain saw, given an assignment at a wildland fire and operational standards, so that the assignment is safely completed.

Requisite Knowledge. Agency operational standards for chainsaw operation and safety, tool selection, and personal protective equipment used during saw use.

1. Agency operational standards for chainsaw operation and safety (AHJ)
2. Agency operational standards for tool selection (AHJ)
3. Agency operational standards for personal protective equipment used during chain saw use (AHJ)

Requisite Skills. Site preparation, handling and cutting techniques, use of wedges, and saw and equipment transportation.

- 1102-6.5.5 Operate water delivery equipment, given an assignment at a wildland fire and operational standards, so that the proper equipment is selected, desired nozzle pressure is attained, and flow is maintained.

Requisite Knowledge. Basic hydraulics, pump and water delivery system capabilities, operation of pumps, basic drafting and associated equipment.

1. Basic hydraulics
2. Pump capabilities
3. Water delivery system capabilities
4. Operation of pumps
5. Basic drafting
6. Equipment associated with drafting

Requisite Skills. Placement, operation, and system setup.

- 1102-6.5.6 Secure the area of suspected fire origin and associated evidence, given a wildland fire and agency procedures, so that all evidence or potential evidence is protected from damage or destruction and reported to a supervisor.

Requisite Knowledge. Knowledge of types of evidence and the importance of site security and evidence preservation.

1. Knowledge of types of evidence
2. The importance of site security
3. The importance of evidence preservation

Requisite Skills. Evidence preservation techniques and use of marking devices for site security.

- 1102-6.5.7 Serve as a lookout, given an assignment at a wildland fire as per agency procedures, so that fire fighters are updated or warned when conditions change.

Requisite Knowledge. Basic fire behavior and how to recognize hazardous situations, communications methods, equipment, and procedures.

1. Basic fire behavior
 - a. Fuel
 - b. Topography
 - c. Weather
2. How to recognize hazardous situations
 - a. Operational engagement (IRPG)
 - 1) Risk management
 - 2) LCES
 - 3) Look up, down and around
 - 4) Standard firefighting orders
 - 5) Watch out situations
 - 6) Common denominators of fire behavior on tragedy fires
 - 7) Common tactical hazards
 - 8) Safety zones
 - 9) Downhill checklist
 - 10) Wildland urban interface firefighting

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

3. Communications methods
 - a. Face-to-face
 - b. Radio
 - c. Written
4. Communications equipment (AHJ)
5. Communications procedures (AHJ)

Requisite Skills. The ability to accurately describe fire behavior and changes in fire behavior through verbal communication, hand signals, or use of communication equipment.

INSTRUCTION SHEET

INTERMEDIATE WILDLAND FIRE FIGHTER PERFORMANCE SKILLS

Format

The Intermediate Wildland Fire Fighter performance skills are designed to meet both the NFPA and NWCG national standards. Therefore, this curriculum contains both “performance standards evaluations” and “task book skills.” The performance standards evaluations are designed for testing and demonstrating proficiency of the NFPA job performance requirements (JPRs). The task book skills are designed to meet the requirements of the NWCG Position Task Book for FFT1/ICT5.

Performance Standard Evaluations

The performance standard evaluation skill sheets are to be used to prepare and test the trainees according to TCFP rules for skills testing. The scoring method for the Intermediate Wildland Fire Fighter performance standard evaluation skill sheets is satisfactory (S) or unsatisfactory (U) for each grading criteria, and a Pass or Fail for the entire skill sheet. In order to successfully pass an Intermediate Wildland Fire Fighter performance standard evaluation, the Intermediate Wildland Fire Fighter trainee must receive satisfactory scores in all of the grading criteria. Any grading criteria marked unsatisfactory shall require the examiner to explain the reason for the failure in written form in the comments section of the skill sheet. Some of the performance standards evaluations can be used to document completion of task book skills. However, there are several remaining task book tasks which must be completed as described below.

Task Book Skills

The TCFP Intermediate Wildland Fire Fighter certification also requires the completion of the NWCG Position Task Book (PTB) for FFT1/ICT5 in addition to this curriculum. The PTB shall be completed as described in National Wildfire Coordinating Group (NWCG) Wildland Fire Qualification System Guide (310-1) and in the Texas Intrastate Fire Mutual Aid System (TIFMAS) Business Manual.

The NWCG Position Task Book for FFT1/ICT5 can be found on this web site:

<http://ticc.tamu.edu/Documents/IncidentResponse/TIFMAS/pms-311-14%20FFI-ICT5.pdf>

**TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER**

Performance Standards Evaluation

SKILL #1

Using Map and Compass (Orienteering)

Subject: General

Section 1102

NFPA 1051 6.1.1

Intermediate Wildland Firefighter

OBJECTIVE

The Intermediate Wildland Fire Fighter trainee shall demonstrate proper orienteering skills by reading a map and using a compass.

INSTRUCTIONS - procedures for achieving the objective

Given a local topographical map and compass you will accurately navigate to assigned destination. You will begin on my instruction to start. The skill will end when you state to me the distance and bearing to your assigned destination. Do you understand these instructions?

EXAMINERS NOTE

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing.

The examiner must provide the wildland firefighter trainee with an assigned destination. Their current position is the starting point.

PREPARATION & EQUIPMENT

Map

Compass

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER**

Performance Standards Evaluation

SKILL #1

Using Map and Compass (Orienteering)

Candidate: _____ Notes: _____

Examiner: _____

School: _____

Test Site: _____

Intermediate Wildland Firefighter	<u>TEST</u>		<u>RETEST</u>	
SKILL #1	S	U	S	U
The Intermediate Wildland Fire Fighter trainee shall demonstrate proper orienteering skills by reading a map and using a compass.				
a. Uses compass to point to true North				
b. Accurately orients map using compass, landmarks, topographical features, etc.				
c. Verifies location by comparing topographic features with map				
d. Accurately reads and identifies at least three map symbols and/or features				
e. Accurately computes distance and bearing				

S = Satisfactorily completed/performed

U = Unsatisfactorily performed/failed to meet objective or grading step

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER
Performance Standards Evaluation**

Evaluator/Candidate Comments:

All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.

_____	_____	Overall Skill Sheet Score
Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
_____	_____	Overall Skill Sheet Re-Test Score
Re-Test Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER
Performance Standards Evaluation

SKILL #2
Using a Radio

Subject: General

Section 1102

NFPA 1051 6.1.1

Intermediate Wildland Firefighter

OBJECTIVE

The Intermediate Wildland Fire Fighter trainee shall demonstrate the proper use of a portable radio.

INSTRUCTIONS - procedures for achieving the objective

Given a portable radio and an assigned channel you will demonstrate how to prepare the radio and transmit and receive messages. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

EXAMINERS NOTE

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing.

The examiner shall give the trainee an assigned channel before beginning the skill.

PREPARATION & EQUIPMENT

2 Portable Radios

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER**

Performance Standards Evaluation

SKILL #2
Using a Radio

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

Intermediate Wildland Firefighter	<u>TEST</u>		<u>RETEST</u>	
SKILL #2	S	U	S	U
The Intermediate Wildland Fire Fighter trainee shall demonstrate the proper use of a portable radio.				
a. Prepares radio for use				
b. Selects proper channel				
c. Receives transmitted message				
d. Holds mic two to four inches from mouth				
e. Transmits using clear text				

S = Satisfactorily completed/performed

U = Unsatisfactorily performed/failed to meet objective or grading step

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER
Performance Standards Evaluation

Evaluator/Candidate Comments:

All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.

_____	_____	Overall Skill Sheet Score
Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
_____	_____	Overall Skill Sheet Re-Test Score
Re-Test Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER**

Performance Standards Evaluation

SKILL #3

Evaluate Crew Members' Readiness

Subject: Human Resources Management

Section 1102

NFPA 1051 6.2.1

Intermediate Wildland Firefighter

OBJECTIVE

Evaluate the readiness of assigned crew members, given a wildland fire, an assigned task, and agency equipment standards, so that crew members are equipped and supplied for suppression duties. (6.2.1)

INSTRUCTIONS - procedures for achieving the objective

Given a wildland fire, an assigned task, and agency equipment standards, you will evaluate the readiness of assigned crew members so that they are equipped and supplied for suppression duties. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

EXAMINERS NOTE

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing.

PREPARATION & EQUIPMENT

Equipment specific to the assigned task
Assignment specific PPE

**TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER**

Performance Standards Evaluation

SKILL #3

Evaluate Crew Members' Readiness

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

Intermediate Wildland Firefighter		<u>TEST</u>		<u>RETEST</u>	
SKILL #3		S	U	S	U
Evaluate the readiness of assigned crew members, given a wildland fire, an assigned task, and agency equipment standards, so that crew members are equipped and supplied for suppression duties. (6.2.1)					
a. Inspects members' personal protective equipment					
b. Inspects members' tools					
c. Inspects members' supplies					
d. Inspects members' qualifications					
e. Evaluates members' physical fitness levels					
f. Performs skill in a safe and proficient manner					

S = Satisfactorily completed/performed

U = Unsatisfactorily performed/failed to meet objective or grading step

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER**

Performance Standards Evaluation

Evaluator/Candidate Comments:

**All steps of the skill objective are mandatory and must be scored as
“Satisfactory” to pass the skill.**

_____	_____	Overall Skill Sheet Score
Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
_____	_____	Overall Skill Sheet Re-Test Score
Re-Test Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER**

Performance Standards Evaluation

SKILL #4

Briefing and Leading Personnel

Subject: Human Resource Management

Section 1102

NFPA 1051 6.2.2, 6.2.3

Intermediate Wildland Firefighter

OBJECTIVE

Brief assigned personnel, given an assignment, supporting information, and equipment requirements, so that the personnel are informed of specific tasks, standards, safety, operational, and special interest area considerations. (6.2.2)

Lead wildland fire fighters in the performance of a task, given an assignment and performance standards, so that the task is safely completed within the standards in accordance with agency guidelines. (6.2.3)

INSTRUCTIONS - procedures for achieving the objective

Given an assignment, supporting information, equipment requirements and performance standards, you will brief assigned personnel utilizing the briefing checklist in the IRPG. Then you will lead assigned personnel so that the task is safely completed. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

EXAMINERS NOTE

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing.

PREPARATION & EQUIPMENT

IRPG

Equipment specific to the assignment

Assignment specific PPE

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER**

Performance Standards Evaluation

SKILL #4

Briefing and Leading Personnel

Candidate: _____ Notes: _____

Examiner: _____

School: _____

Test Site: _____

Intermediate Wildland Firefighter		<u>TEST</u>		<u>RETEST</u>	
SKILL #4		S	U	S	U
Brief assigned personnel, given an assignment, supporting information, and equipment requirements, so that the personnel are informed of specific tasks, standards, safety, operational, and special interest area considerations. (6.2.2)					
Lead wildland fire fighters in the performance of a task, given an assignment and performance standards, so that the task is safely completed within the standards in accordance with agency guidelines. (6.2.3)					
a. Includes situation					
b. Includes mission/execution					
c. Includes communications					
d. Includes service/support					
e. Includes risk management					
f. Includes questions or concerns					
g. Demonstrates proper briefing skills					
h. Demonstrates effective leadership skills					

S = Satisfactorily completed/performed

U = Unsatisfactorily performed/failed to meet objective or grading step

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER**

Performance Standards Evaluation

Evaluator/Candidate Comments:

**All steps of the skill objective are mandatory and must be scored as
“Satisfactory” to pass the skill.**

_____	_____	Overall Skill Sheet Score
Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
_____	_____	Overall Skill Sheet Re-Test Score
Re-Test Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER**

Performance Standards Evaluation

SKILL #5

Maintain Power Tools and Portable Pumps

Subject: Preparedness

Section 1102

NFPA 1051 6.3.2

Intermediate Wildland Firefighter

OBJECTIVE

Maintain power tools and portable pumps, given agency maintenance specifications, supplies, and small tools, so that equipment is maintained and serviceable and defects are recognized and repaired. (6.3.2)

INSTRUCTIONS - procedures for achieving the objective

Given agency maintenance specifications, supplies, and small tools, you will maintain power tools and portable pumps so that equipment is maintained and serviceable and defects are recognized and repaired. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

EXAMINERS NOTE

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

The examiner will provide the firefighter trainee with equipment that has defects that must be repaired. Examples include:

- Dull/chipped chain on saw
- Low fuel
- Low oil
- Pull cord worn/frayed

PREPARATION & EQUIPMENT

Power tools
Portable pumps
Small tools
Supplies
Eye protection

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER**

Performance Standards Evaluation

SKILL #5

Maintain Power Tools and Portable Pumps

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

Intermediate Wildland Firefighter	<u>TEST</u>		<u>RETEST</u>	
SKILL #5	S	U	S	U
Maintain power tools and portable pumps, given agency maintenance specifications, supplies, and small tools, so that equipment is maintained and serviceable and defects are recognized and repaired. (6.3.2)				
Power Tool	S	U	S	U
a. Performed power tool maintenance safely and proficiently				
b. Recognized defects				
c. Performed repair(s) to power tool(s) safely and proficiently				
Portable Pump	S	U	S	U
a. Performed repair(s) to portable pump(s) safely and proficiently				
b. Recognized defects				
c. Performed portable pump maintenance safely and proficiently				

S = Satisfactorily completed/performed

U = Unsatisfactorily performed/failed to meet objective or grading step

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER
Performance Standards Evaluation

Evaluator/Candidate Comments:

All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.

_____	_____	Overall Skill Sheet Score
Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
_____	_____	Overall Skill Sheet Re-Test Score
Re-Test Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER**

Performance Standards Evaluation

SKILL #6

Protect Improved Property

Subject: Suppression

Section 1102

NFPA 1051 6.5.3

Intermediate Wildland Firefighter

OBJECTIVE

Effect the reduction of fire exposure to improved properties given a wildland or wildland/urban interface fire and available tools and equipment so that improvements are protected and the risk from fire is reduced. (6.5.3)

INSTRUCTIONS - procedures for achieving the objective

Given a wildland or urban/interface fire scenario and using the *IRPG* or *Fireline Handbook*, you will describe methods to reduce the threat of fire exposure to structures. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

EXAMINERS NOTE

The firefighter trainee will not be allowed to review the performance steps at the time of testing.

The wildland firefighter trainee shall be provided with a picture or video of a wildland or urban/interface with structures.

PREPARATION & EQUIPMENT

Picture or video scenario

IRPG

Fireline Handbook

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER**

Performance Standards Evaluation

SKILL #6

Protect Improved Property

Candidate: _____ Notes: _____

Examiner: _____

School: _____

Test Site: _____

Intermediate Wildland Firefighter	<u>TEST</u>		<u>RETEST</u>	
SKILL #6	S	U	S	U
Effect the reduction of fire exposure to improved properties given a wildland or wildland/urban interface fire and available tools and equipment so that improvements are protected and the risk from fire is reduced. (6.5.3)				
a. Explains the importance of LCES				
b. Describes wildland structural triage				
c. Identifies and explains fuel removal and ladder fuels				
d. Discusses structural ignition factors				
e. Describes structural preparation for wildfire				
f. Describes the effective use of tools and equipment to protect the structure				

S = Satisfactorily completed/performed

U = Unsatisfactorily performed/failed to meet objective or grading step

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER
Performance Standards Evaluation

Evaluator/Candidate Comments:

All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.

_____	_____	Overall Skill Sheet Score
Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
_____	_____	Overall Skill Sheet Re-Test Score
Re-Test Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER**

Performance Standards Evaluation

SKILL #7

Operate a Chainsaw

Subject: Preparedness

Section 1102

NFPA 1051 6.5.4, 6.3.3

Intermediate Wildland Firefighter

OBJECTIVE

Operate a chain saw, given an assignment at a wildland fire and operational standards, so that the assignment is safely completed. (6.5.4)

Inspect tools and equipment, given agency specifications, so that availability of the tools and equipment for fire use is ensured. (6.3.3)

INSTRUCTIONS - procedures for achieving the objective

Given a chain saw you will describe to me the proper procedures for inspecting, operating and transporting a chainsaw. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

EXAMINERS NOTE

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing.

The operation of the chainsaw for this skill is to be simulated.

PREPARATION & EQUIPMENT

Chain saw

Wedges

The wildland firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR WILDLAND FIREFIGHTERS**" as defined in the *Fireline Handbook* (Appendix A, p. 39) which includes hard hat, fire resistant shirt/pants or jump suit, 8" leather boots, leather gloves, fire shelter, hearing/eye protection.

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER**

Performance Standards Evaluation

SKILL #7

Operate a Chainsaw

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

Intermediate Wildland Firefighter	<u>TEST</u>		<u>RETEST</u>	
SKILL #7	S	U	S	U
Operate a chain saw, given an assignment at a wildland fire and operational standards, so that the assignment is safely completed. (6.5.4)				
Inspect tools and equipment, given agency specifications, so that availability of the tools and equipment for fire use is ensured. (6.3.3)				
a. Inspects chainsaw according to local SOPs and/or manufacturer's guidelines				
b. Describes additional PPE for saw usage				
c. Describes how to properly prepare the site				
d. Describes how to safely and proficiently handle chainsaw				
e. Simulates proper cutting techniques				
f. Explains the proper use of wedges				
g. Transports saw and other equipment according to local SOPs				

S = Satisfactorily completed/performed

U = Unsatisfactorily performed/failed to meet objective or grading step

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER**

Performance Standards Evaluation

Evaluator/Candidate Comments:

**All steps of the skill objective are mandatory and must be scored as
“Satisfactory” to pass the skill.**

_____	_____	Overall Skill Sheet Score
Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
_____	_____	Overall Skill Sheet Re-Test Score
Re-Test Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER**

Performance Standards Evaluation

SKILL #8

Operate Water Delivery Equipment

Subject: Suppression

Section 1102

NFPA 1051 6.5.5, 6.3.3

Intermediate Wildland Firefighter

OBJECTIVE

Operate water delivery equipment, given an assignment at a wildland fire and operational standards, so that the proper equipment is selected, desired nozzle pressure is attained, and flow is maintained. (6.5.5)

Inspect tools and equipment, given agency specifications, so that availability of the tools and equipment for fire use is ensured. (6.3.3)

INSTRUCTIONS - procedures for achieving the objective

Given an assignment at a wildland fire, you will operate water delivery equipment so that the proper equipment is selected, desired nozzle pressure is attained, and flow is maintained. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

EXAMINERS NOTE

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing.

PREPARATION & EQUIPMENT

Water delivery equipment

Hose

Nozzle

The wildland firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR WILDLAND FIREFIGHTERS**" as defined in the *Fireline Handbook* (Appendix A, p. 39) which includes hard hat, fire resistant shirt/pants or jump suit, 8" leather boots, leather gloves, fire shelter, hearing/eye protection.

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER**

Performance Standards Evaluation

SKILL #8

Operate Water Delivery Equipment

Candidate: _____

Notes: _____

Examiner: _____

School: _____

Test Site: _____

Intermediate Wildland Firefighter	<u>TEST</u>		<u>RETEST</u>	
SKILL #8	S	U	S	U
Operate water delivery equipment, given an assignment at a wildland fire and operational standards, so that the proper equipment is selected, desired nozzle pressure is attained, and flow is maintained. (6.5.5)				
Inspect tools and equipment, given agency specifications, so that availability of the tools and equipment for fire use is ensured. (6.3.3)				
a. Inspects equipment according to local SOPs and/or manufacturer's guidelines				
b. Demonstrates the correct placement and setup of water delivery system				
c. Attains desired nozzle pressure				
d. Maintains desired flow rate				
e. Operates system safely and proficiently				

S = Satisfactorily completed/performed

U = Unsatisfactorily performed/failed to meet objective or grading step

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER
Performance Standards Evaluation

Evaluator/Candidate Comments:

All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.

_____	_____	Overall Skill Sheet Score
Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
_____	_____	Overall Skill Sheet Re-Test Score
Re-Test Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER**

Performance Standards Evaluation

SKILL #9

Evidence Preservation and Site Security

Subject: Suppression

Section 1102

NFPA 1051 6.5.6

Intermediate Wildland Firefighter

OBJECTIVE

Secure the area of suspected fire origin and associated evidence, given a wildland fire and agency procedures, so that all evidence or potential evidence is protected from damage or destruction and reported to a supervisor.

INSTRUCTIONS - procedures for achieving the objective

Given a wildland fire and agency procedures, you will secure the area of suspected fire origin and associated evidence so that all evidence or potential evidence is protected from damage or destruction and reported to a supervisor. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

EXAMINERS NOTE

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing.

PREPARATION & EQUIPMENT

Marking devices (scene tape, traffic cones, etc.)
Simulated evidence

The wildland firefighter trainee shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR WILDLAND FIREFIGHTERS**" as defined in the *Fireline Handbook* (Appendix A, p. 39) which includes hard hat, fire resistant shirt/pants or jump suit, 8" leather boots, leather gloves, fire shelter, hearing/eye protection.

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER**

Performance Standards Evaluation

SKILL #9

Evidence Preservation and Site Security

Candidate: _____ Notes: _____

Examiner: _____

School: _____

Test Site: _____

Intermediate Wildland Firefighter	<u>TEST</u>		<u>RETEST</u>	
SKILL #9	S	U	S	U
Secure the area of suspected fire origin and associated evidence, given a wildland fire and agency procedures, so that all evidence or potential evidence is protected from damage or destruction and reported to a supervisor. (6.5.6)				
a. Protects evidence from damage or destruction				
b. Effectively uses marking devices for site security				
c. Reports potential evidence to supervisor				
d. Performs skill in a safe and proficient manner				

S = Satisfactorily completed/performed

U = Unsatisfactorily performed/failed to meet objective or grading step

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER
Performance Standards Evaluation

Evaluator/Candidate Comments:

All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.

_____	_____	Overall Skill Sheet Score
Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
_____	_____	Overall Skill Sheet Re-Test Score
Re-Test Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER**

Performance Standards Evaluation

SKILL #10

Communicate Fire Behavior

Subject: Suppression

Section 1102

NFPA 1051 6.5.7

Intermediate Wildland Firefighter

OBJECTIVE

Serve as a lookout, given an assignment at a wildland fire as per agency procedures, so that fire fighters are updated or warned when conditions change. (6.5.7)

INSTRUCTIONS - procedures for achieving the objective

Given an assignment at a wildland fire scenario, you will serve as a lookout so that fire fighters are updated or warned when conditions change. You will begin on my instruction to start. The skill will end when you state to me that you have completed all of the identified steps. Do you understand these instructions?

EXAMINERS NOTE

The wildland firefighter trainee will not be allowed to review the performance steps at the time of testing.

The wildland firefighter trainee shall be provided with a picture or video of a wildland or urban/interface fire and current weather conditions. In addition, the examiner shall provide a change in weather or fire conditions that necessitates the lookout to provide a warning.

PREPARATION & EQUIPMENT

Picture or video scenario

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

**TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER**

Performance Standards Evaluation

SKILL #10

Communicate Fire Behavior

Candidate: _____ Notes: _____

Examiner: _____

School: _____

Test Site: _____

Intermediate Wildland Firefighter	<u>TEST</u>		<u>RETEST</u>	
SKILL #10	S	U	S	U
Serve as a lookout, given an assignment at a wildland fire as per agency procedures, so that fire fighters are updated or warned when conditions change. (6.5.7)				
a. Describes the responsibilities of a lookout				
b. Accurately describes current fire behavior				
c. Accurately describes change in fire behavior based on change in conditions				
d. Communicates changing conditions to fire fighters				

S = Satisfactorily completed/performed

U = Unsatisfactorily performed/failed to meet objective or grading step

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.

TEXAS COMMISSION ON FIRE PROTECTION
INTERMEDIATE WILDLAND FIREFIGHTER
Performance Standards Evaluation

Evaluator/Candidate Comments:

All steps of the skill objective are mandatory and must be scored as “Satisfactory” to pass the skill.

_____	_____	Overall Skill Sheet Score
Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
_____	_____	Overall Skill Sheet Re-Test Score
Re-Test Certifying Examiner	Date	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Reprinted with permission from NFPA 1051-2012, *Standard for Wildland Fire fighter Professional Qualifications* Copyright © 2012, National Fire Protection Association, Quincy, MA 02169. This reprinted material is not the complete and official position of the NFPA on the referenced subject, which is represented only by the standard in its entirety.