INSTRUCTIONAL SKILLS MANUAL

CHAPTER ONE

BASIC STRUCTURE FIREFIGHTER (FIREFIGHTER I & II)

NFPA 1010, 2024 Edition

Effective January 1, 2027

Texas Commission on Fire Protection
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INSTRUCTION SHEET

TCFP INSTRUCTIONAL SKILLS

These TCFP Instructional Skills are available for academies to use to teach the skills that every firefighter should know and be able to perform. If the candidate has mastered these TCFP Instructional Skills, they should be confident in their ability to perform TCFP Performance Skills Testing without failure. The use of TCFP Instructional Skills is optional. If an academy chooses not to use a specific TCFP Instructional Skill, the academy should then create its own skill sheet for instructional purposes of that skill.

Each candidate evaluation should be completed on an individual skill sheet, even on group/team skills.

Note: The TCFP Instructional Skills Manual and Performance Skills Manual (for state performance skills testing) are now separated into individual documents. Both are located in the Performance Skills Manual section of the TCFP website.

Hyperlinks and bookmarks have been added for improved/easier navigation to specific skills. Use the navigation feature of your PDF viewer for a “table of contents” view.

Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

EQUIPMENT LIST

Training providers should refer to individual skill sheets for specific quantities of equipment items needed.

Appliances and Tools

- 1½" fog nozzle
- 2½" - 1⅛" straight tip nozzle
- Other nozzle selection as determined by AHJ
- Cap
- Double female fittings 1½"
- Double female fittings 2½"
- Double male fittings 1½"
- Double male fittings 2½"
- Hose clamps
- Hose roller
- Hose strap, rope, or chain
- Hose test gate valve (¼" hole drilled in the gate) or applicable device
- Plug
- Reducers 2½" to 1½"
- Siamese
- Spanner wrenches
- Wye
- Gated Wye (2½" to 1½")
- Hydrant wrenches
- Rubber Mallets
- Assorted gaskets

Extinguishers and Supplies

- Dry chemical extinguisher (ordinary base or multi-purpose)
- CO_2 extinguisher
- Stored-pressure water extinguisher - 2½ gallons
- Class C source or electronic fire extinguisher simulation systems
- Class A fuel for live burns, such as hay
- Class B fuel for live burns, such as diesel fuel or propane
- Metal pan, minimum 9 square feet

Extrication/Rescue Equipment/Materials

- Blanket
- Cribbing and stabilization materials (e.g., tensioned buttress systems, struts, stabilizers, jacks, 4x4s, step chocks, wedges, etc.)
- Electrical connectors
- Electrical (extension) cords

- Electrical power supply (portable or mounted)
- Gas and water service cut-off (water meter, gas meter, breaker box with meter head)
- Vehicle for extrication evolution
- Victim carrying device(s) (e.g., chair, webbing, blanket, stretcher, litter, long spine board, short spine board, rescue basket, scoop stretcher, flexible rescue sled, etc.)
- Seatbelt cutter

Hose – NFPA 1961 Compliant

- 1½" or 1¾" fire hose (400' minimum)
- 2½" or 3" fire hose (500' minimum)
- Large diameter hose (LDH) (300' minimum)
- Two (2) 2½" hard suction (intake) hose or larger (20' total min.) and strainer
- Hose and nozzles capable of flowing a minimum of 95 gpm
- Soft suction hose (15' minimum)
- Safety hose lines

Hand Tools

- Pick-head axe
- Flat-head axe
- Bolt cutters
- Crowbar/pry bar
- Halligan tool
- Hand saw
- Hammers
- A-tool
- K-tool
- Pike poles (8' or greater)
- Roof hook
- Closet tool
- Sledgehammer
- Utility shutoff tools (e.g., water meter key, gas meter key, adjustable wrench, etc.)
- Binding devices (e.g., chains, straps, cable hoist, ratchet devices, etc.)
- Glass removal equipment (e.g., spring-loaded center punch, glass saw, windshield cutter, coarse blade hand saw, etc.)
- Miscellaneous tools and equipment as needed, per AHJ

Ladders – NFPA 1931 Compliant

- 10' folding ladder
- 14' combination ladder
- 14' ladder with folding hooks

- 24’ extension ladder
- 35’ extension ladder
- 12’ minimum straight ladder
- Step ladder

Power Tools and Equipment

- Chainsaw, gasoline or battery-powered
- Rotary saw, gasoline or battery-powered
- Fan, gasoline, electric, or battery-powered (e.g., PPV, exhaust fan, etc.)
- Drill/driver, electric or battery-powered
- Other gasoline, electric, or battery-powered tools per AHJ
- Extrication tools, hydraulic or battery powered (spreaders, shears, ram, etc.)
- Battery chargers and spare batteries
- Reciprocating saw, electric or battery-powered
- Power supply, portable or mounted (e.g., generator or electric power supply)
- Lighting equipment, portable or mounted
- Electrical extension cords and connectors
- Ground-fault interrupter (GFI) device(s)
- Pneumatic devices and air supply (e.g., lifting bags, air chisel, air ratchet, air hammer, etc.)

Protective Equipment/Clothing

- Full set of Protective Clothing for Structural Firefighting for each candidate, including:
    - Trousers, coat, boots, gloves, helmet, hood, and face piece
    - Self-Contained Breathing Apparatus with charged air cylinder
    - One extra fully charged air cylinder
- Personal alert safety system (PASS)
- Task appropriate protective clothing (Wildland)
- Hearing protection
- Protective eyewear
- Work gloves (e.g., leather, mechanic, etc.)
- Protective gloves (e.g., nitrile, latex, etc.)

Rope, Webbing, & Rope Equipment

- ½” diameter utility rope, or equivalent
- Safety line (NFPA 1983 compliant)
- Belay equipment, per AHJ
- Assorted lengths and diameters of natural fiber rope
- Assorted lengths and diameters of synthetic rope
- 1-person or 2-person life safety rope (NFPA 1983 compliant), assorted lengths
- 1” flat or tubular webbing, assorted lengths

Salvage Equipment/Materials

- Objects to cover, such as straight back chairs
- Salvage covers (2 – 12'x14' minimum)
- Water removal tools (e.g., squeegees, brooms, buckets, tubs, mops, water vacuums, etc.)
- Nails, screws, plywood, heavy plastic, and roofing/tar paper
- Wood wedges or commercially made sprinkler stopper

Simulation Equipment/Materials

- Training tower, minimum of 2 stories in height
- Burn building as recommended in NFPA 1402: Standard on Facilities for Fire Training and Associated Props
- Occupied structure suitable for fire safety survey
- Building used for preincident survey
- Passenger vehicle for fires or vehicle fire prop (NFPA 1402 compliant)
- Liquified petroleum gas prop (NFPA 1402 compliant)
- Ventilation prop (e.g., simulated wood roof with replaceable 4' x 8' wood panels over 2' x 8" roof joists on 24" centers)
- Building utility props
- Simulated traffic hazards
- Hot spots (simulated heat sources)
- Simulated electrical hazards (e.g., downed electrical wires, photovoltaic power systems, battery storage systems, etc.)
- Sprinkler system or mock-up with water source and main control valve
- Open sprinkler head capable of flowing water
- Replacement sprinkler head and sprinkler head wrench
- Standpipe connection or equivalent
- Restricted passage prop
- Forcible entry prop
- Rescue manikin
- Evidence of fire origin
- Item of evidence to be protected
- Equipment for noting and protecting evidence

Other Supplies/Equipment Needed

- First Aid supplies/kit
- Flashlight(s)
- Thermal imager (TI)
- Vision obscured conditions (e.g., blackout mask or smoke generator)
- Air monitoring instruments/equipment, e.g.:
    - Carbon monoxide monitor
    - Combustible gas indicator – Lower Explosive Limit (LEL Monitor)

  - Oxygen monitor
  - Gas specific monitor
  - Photoionization detector (PID)
- Hose testing device
- Equipment necessary for developing a foam stream – Foam eductors, foam nozzles or fog nozzles, and training foam
- Departmental documents and standard or code materials (e.g., TCFP standards; NFPA standards; AHJ policies, procedures, and departmental SOPs; etc.)
- Documentation materials (e.g., checklist, electronic tracking system, etc.)
- Reference material for incident-type codes (NERIS)
- Blank report forms, activity sheets, or other electronic equipment used by the AHJ
- Life safety presentation materials (e.g., Stop, Drop, Cover Your Face, and Roll; Crawl Low in Smoke; EDITH/Home Escape Planning; Alerting Others to an Emergency; Calling the Fire Department; Fire Station Tour; Residential Smoke Detector Placement, Testing, and Maintenance; School Exit Plan; Close Before You Doze; Get Out, Stay Out; Electric Energy Systems (Solar, Lithium, etc.))
- Fire safety survey forms
- Preincident survey form, or equivalent documentation per AHJ
- Marking devices (e.g., permanent marker, pens, pencils, chalk, grease pencil, etc.)
- Preincident survey documentation materials (e.g., graph paper, colored pencils, straight edge, clipboard, legend of symbols per AHJ, etc.)
- Fire hydrant
- Pitot tube and gauge
- Communications equipment and technology (e.g., portable radios, telephone, MDT, etc.)
- Safety can with proper fuel mixture and funnel
- Materials for burning (NFPA 1403 compliant)
- Ignitable liquid fire of at least 100 ft^2 (must comply with NFPA 1403) or gas-fired training prop
- Storage container (exterior dumpster, trash bin, etc.)
- Tank with a liquid level
- Traffic and scene control devices, per AHJ (e.g., scene tape, traffic cones, barricades, flares, advanced warning devices, reflective devices, diamond-shaped fluorescent pink sign, etc.)
- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system
- Two portable tanks with water transfer equipment and appliances
- Water sources (Pressurized and/or Static; NFPA 1403 compliant)
- Secondary water source (Pressurized and/or Static; NFPA 1403 compliant)
- Manufacturer approved cleaning agent
- Manufacturer approved cleaning equipment
- Manufacturer approved sanitizing agent
- Soft bristled brush
- Waterproof grease

- Low pressure water stream device
- Rapid Intervention Pack or equivalent (e.g., spare SCBA and air cylinder with emergency escape breathing support system or emergency breathing safety system; or rapid intervention crew universal air connection)
- Cloths/rags for checking fluids
- Assorted rescue equipment used by AHJ (e.g., for these incidents: structural collapses, trench collapses, cave and tunnel emergencies, water and ice emergencies, elevator, and escalator emergencies, energized electrical line emergencies, and industrial accidents)

Note: If the program teaches Hazardous Materials Awareness and Operations as part of their course they must refer to the Hazard Materials Equipment List located in Chapter 6 of the TCFP Curriculum Manual.

INSTRUCTIONAL SKILLS MATRIX
FIREFIGHTER I

NFPA Subject	Instructional Skill #	Instructional Skill Name	Perf Skill #	Performance Skill Name	NFPA 1010 JPR #
Communications	Comm – FFI-1	Relaying a Report of an Emergency	5	Communication Equipment	6.2.1
Communications	Comm – FFI-2	Transmit and Receive Communications	5	Communication Equipment	6.2.2
Fireground Ops	Extinguisher – FFI-1	Extinguish Class A Fire	19	Portable Fire Extinguishers	6.3.16
Fireground Ops	Extinguisher – FFI-2	Extinguish Class B Fire	19	Portable Fire Extinguishers	6.3.16
Fireground Ops	Extinguisher – FFI-3	Extinguish Class C Fire	19	Portable Fire Extinguishers	6.3.16
General	FDOrgStds – FFI-1	Locate Information in Documents	1	Documentation, Standards and Codes	6.1.2
Fireground Ops	Force Entry – FFI-1	Force Entry into a Structure (Doors)	9	Force Entry into a Structure	6.3.4
Fireground Ops	Force Entry – FFI-2	Force Entry into a Structure (Windows)	9	Force Entry into a Structure	6.3.4
Fireground Ops	Force Entry – FFI-3	Force Entry into a Structure (Walls)	9	Force Entry into a Structure	6.3.4
Fireground Ops	Force Entry – FFI-4	Demonstrate Hand and Power Tools Used for Forcible Entry	9	Force Entry into a Structure	6.3.4
Fireground Ops	FPS – FFI-1	Locating the Main Control Valve	17	Property Conservation	6.3.14
Fireground Ops	FPS – FFI-2	Controlling and Identifying Sprinkler Heads	17	Property Conservation	6.3.14
Prep and Maint	Hand Tools – FFI-1	Clean and Inspect Hand Tools	24	Maintaining Tools and Equipment	6.5.1
Fireground Ops	Hose – FFI-1	Coupling and Uncoupling Fire Hose	14	Attack an Interior Structure Fire	6.3.10
Fireground Ops	Hose – FFI-2	Replacing Burst Section of Hose	14	Attack an Interior Structure Fire	6.3.10
Fireground Ops	Hose – FFI-3	Extend a Hoseline	14	Attack an Interior Structure Fire	6.3.10
Fireground Ops	Hose – FFI-4	Perform Two Types of Hose Carries	14	Attack an Interior Structure Fire	6.3.10
Fireground Ops	Hose – FFI-5	Advance a Charged Attack Line Up a Ladder	14	Attack an Interior Structure Fire	6.3.10
Fireground Ops	Hose – FFI-6	Advancing Charged and Uncharged Attack Lines	14	Attack an Interior Structure Fire	6.3.10
Fireground Ops	Hose – FFI-7	Connecting Hose to a Standpipe	14	Attack an Interior Structure Fire	6.3.10

Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

NFPA Subject	Instructional Skill #	Instructional Skill Name	Perf Skill #	Performance Skill Name	NFPA 1010 JPR #
Prep and Maint	Hose – FFI-8	Inspecting for Damage; Cleaning, and Maintenance of Hose, Couplings, and Nozzles	25	Return Hose to Service	6.5.2
Prep and Maint	Hose – FFI-9	Loading Supply Hose	25	Return Hose to Service	6.5.2
Prep and Maint	Hose – FFI-10	Loading Attack Hose	25	Return Hose to Service	6.5.2
Prep and Maint	Hose – FFI-11	Rolling Hose	25	Return Hose to Service	6.5.2
Prep and Maint	Ladders – FFI-1	Inspection and Maintenance Procedures for Ladders	24	Maintaining Tools and Equipment	6.5.1
Prep and Maint	Ladders – FFI-2	Cleaning Ladders	24	Maintaining Tools and Equipment	6.5.1
Fireground Ops	Ladders – FFI-3	Rescuing a Conscious Person	13	Search and Rescue	6.3.9
Fireground Ops	Ladders – FFI-4	Rescuing an Unconscious Adult	13	Search and Rescue	6.3.9
Fireground Ops	Ladders – FFI-5	Rescuing an Unconscious Child or Small Adult	13	Search and Rescue	6.3.9
Fireground Ops	Ladders – FFI-6	Rescuing an Unconscious Large Adult	13	Search and Rescue	6.3.9
Fireground Ops	Ladders – FFI-7	Working Off Ground Ladders with Tools	10	Ground Ladders	6.3.6
Fireground Ops	Ladders – FFI-8	Low Shoulder Carry, Right-Angle Raise of a Single Ladder	10	Ground Ladders	6.3.6
Fireground Ops	Ladders – FFI-9	Two-Firefighter Low Shoulder Carry, Right-Angle Flat Raise of a 24' Extension Ladder	10	Ground Ladders	6.3.6
Fireground Ops	Ladders – FFI-10	Two-Firefighter Low Shoulder Carry, Right-Angle Beam Raise of a 24' Extension Ladder	10	Ground Ladders	6.3.6
Fireground Ops	Ladders – FFI-11	Two-Firefighter Low-shoulder Carry, Flat Parallel Raise of a 24' Extension Ladder	10	Ground Ladders	6.3.6
Fireground Ops	Ladders – FFI-12	Carry, Hoist, and Secure a Roof Ladder	15	Horizontal and Vertical Ventilation	6.3.12
Fireground Ops	Ladders – FFI-13	Three-Firefighter Flat Shoulder Carry, Right-Angle Flat Raise of a 35' Extension Ladder	10	Ground Ladders	6.3.6
Fireground Ops	Ladders – FFI-14	Operate an Attic Ladder	10	Ground Ladders	6.3.6
Fireground Ops	Ladders – FFI-15	Securing a Ladder	10	Ground Ladders	6.3.6
Fireground Ops	Live Fire – FFI-1	Grade Level Structure Fire	14	Attack an Interior Structure Fire	6.3.10
Fireground Ops	Live Fire – FFI-2	Above-Grade Level Structure Fire	14	Attack an Interior Structure Fire	6.3.10

Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

NFPA Subject	Instructional Skill #	Instructional Skill Name	Perf Skill #	Performance Skill Name	NFPA 1010 JPR #
Fireground Ops	Live Fire – FFI-3	Below-Grade Level Structure Fire	14	Attack an Interior Structure Fire	6.3.10
Fireground Ops	Live Fire – FFI-4	Storage Container Fire	12	Storage Container Fires	6.3.8
Fireground Ops	Live Fire – FFI-5	Vehicle Fire	11	Attack Vehicle Fires	6.3.7
Fireground Ops	Live Fire – FFI-6	Ground Cover Fire	22	Combat Ground Cover Fires	6.3.19
Fireground Ops	Overhaul – FFI-1	Exposure of Hidden Fires	16	Overhaul a Scene	6.3.13
General	PPE – FFI-1	Inspection of PPE	2	Field Reduction of Contaminants	6.1.2
General	PPE – FFI-2	Donning and Doffing of PPE	3	Donning and Doffing of PPE	6.1.2
General	PPE – FFI-3	Field Reduction of Contaminants	2	Field Reduction of Contaminants	6.1.2
Prep and Maint	Ropes – FFI-1	Rope Inspection and Maintenance	24	Maintaining Tools and Equipment	6.5.1
Fireground Ops	Ropes – FFI-2	Tying a Figure Eight Follow-Through to Hoist an Exhaust Fan or Power Saw	4	Hoisting Tools Using Rope	6.3.20
Fireground Ops	Ropes – FFI-3	Tying a Figure Eight on a Bight, Ends Alike to Hoist a Ladder	4	Hoisting Tools Using Rope	6.3.20
Fireground Ops	Ropes – FFI-4	Tying a Clove Hitch to Hoist a Charged and Uncharged Hoseline	4	Hoisting Tools Using Rope	6.3.20
Fireground Ops	Ropes – FFI-5	Tying a Clove Hitch to Hoist a Pike Pole or Axe OR Tying a Figure Eight on a Bight to Hoist an Axe	4	Hoisting Tools Using Rope	6.3.20
Fireground Ops	S&R – FFI-1	Conduct a Search	13	Search and Rescue	6.3.9
Fireground Ops	S&R – FFI-2	Rescue of a Firefighter with Functioning Respiratory Protection	13	Search and Rescue	6.3.9
Fireground Ops	S&R – FFI-3	Rescue of a Firefighter with Non-Functioning Respiratory Protection	13	Search and Rescue	6.3.9
Fireground Ops	S&R – FFI-4	Removing Victims from Hazardous Environments	13	Search and Rescue	6.3.9
Communications	Safety – FFI-1	Reporting a Mayday	6	Actions When Trapped or Disoriented	6.2.3
Fireground Ops	Safety – FFI-2	Following a Hoseline to Safety	6	Actions When Trapped or Disoriented	6.3.5
Fireground Ops	Safety – FFI-3	Terminating Utility Service	21	Terminating Utility Service	6.3.18
Fireground Ops	Safety – FFI-4	Set Up Emergency Lighting for Fireground Operation	20	Emergency Scene Lighting	6.3.17
Fireground Ops	Safety – FFI-5	Use of Safety Equipment While Riding on Fire Apparatus	8	Use of Safety Equipment	6.3.2

Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

NFPA Subject	Instructional Skill #	Instructional Skill Name	Perf Skill #	Performance Skill Name	NFPA 1010 JPR #
Fireground Ops	Safety – FFI-6	Safely Working in Protected Areas	8	Use of Safety Equipment	6.3.3
Fireground Ops	Safety – FFI-7	Operating an Air Monitoring Instrument	23	Air Monitoring	6.3.21
Prep and Maint	Salvage – FFI-1	Cleaning and Inspecting Salvage Covers	24	Maintaining Tools and Equipment	6.5.1
Fireground Ops	Salvage – FFI-2	Construction of a Water Chute	17	Property Conservation	6.3.14
Fireground Ops	Salvage – FFI-3	Salvage Cover Roll	17	Property Conservation	6.3.14
Fireground Ops	Salvage – FFI-4	One-Firefighter Salvage Cover Deployment and Fold	17	Property Conservation	6.3.14
Fireground Ops	Salvage – FFI-5	Two-Firefighter Salvage Cover Deployment and Fold	17	Property Conservation	6.3.14
Fireground Ops	Salvage – FFI-6	Debris Removal	17	Property Conservation	6.3.14
Fireground Ops	Salvage – FFI-7	Covering an Opening in a Structure	17	Property Conservation	6.3.14
Fireground Ops	Salvage – FFI-8	Construction of a Catch-All	17	Property Conservation	6.3.14
Fireground Ops & Prep and Maint	SCBA – FFI-1	Replacing a Low-Air SCBA Cylinder	7	SCBA Use During Operations	6.3.1, 6.5.1
Prep and Maint	SCBA – FFI-2	Operational Inspection of SCBA and PASS Device	24	Maintaining Tools and Equipment	6.5.1
Prep and Maint	SCBA – FFI-3	Cleaning and Sanitizing SCBA	24	Maintaining Tools and Equipment	6.5.1
Fireground Ops	SCBA – FFI-4	Donning Breathing Apparatus using the Coat Method	7	SCBA Use During Operations	6.3.1
Fireground Ops	SCBA – FFI-5	Donning Breathing Apparatus using the Over-the-Head Method	7	SCBA Use During Operations	6.3.1
Fireground Ops	SCBA – FFI-6	Donning Breathing Apparatus Using the Compartment-Mounted Method	7	SCBA Use During Operations	6.3.1
Fireground Ops	SCBA – FFI-7	Donning Breathing Apparatus Using the Seat-Mounted Method	7	SCBA Use During Operations	6.3.1
Fireground Ops	SCBA – FFI-8	Controlled Breathing	6	Actions When Trapped or Disoriented	6.3.1
Fireground Ops	SCBA – FFI-8	Controlled Breathing	7	SCBA Use During Operations	6.3.5
Fireground Ops	SCBA – FFI-9	Air Supply Conservation Techniques	6	Actions When Trapped or Disoriented	6.3.1
Fireground Ops	SCBA – FFI-9	Air Supply Conservation Techniques	7	SCBA Use During Operations	6.3.5
Fireground Ops	SCBA – FFI-10	Restricted Passage	7	SCBA Use During Operations	6.3.1
Fireground Ops	Vent – FFI-1	Horizontal Ventilation	15	Horizontal and Vertical Ventilation	6.3.11

NFPA Subject	Instructional Skill #	Instructional Skill Name	Perf Skill #	Performance Skill Name	NFPA 1010 JPR #
Fireground Ops	Vent – FFI-2	Vertical Ventilation	15	Horizontal and Vertical Ventilation	6.3.12
Prep and Maint	Vent – FFI-3	Cleaning and Inspecting Ventilation Equipment	24	Maintaining Tools and Equipment	6.5.1
Fireground Ops	Water Source – FFI-1	Supply Hose to Hydrant	18	Water Source	6.3.15
Fireground Ops	Water Source – FFI-2	Hand Laying Supply Line	18	Water Source	6.3.15
Fireground Ops	Water Source – FFI-3	Establishing a Portable Water Source Connection	18	Water Source	6.3.15

INSTRUCTIONAL SKILLS MATRIX
FIREFIGHTER II

NFPA Subject	Instructional Skill #	Instructional Skill Name	Perf Skill #	Performance Skill Name	NFPA 1010 JPR #
FLS Initiatives, Prep, and Maint	Education – FFII-1	Present Fire Safety Information	11	Present Fire Safety Information	7.5.2
Fireground Ops	Fire Streams – FFII-1	Setting Up a Foam Fire Stream	3	Ignitable Liquid Fire	7.3.1
Fireground Ops	Fire Streams – FFII-2	Applying Foam	3	Ignitable Liquid Fire	7.3.1
FLS Initiatives, Prep, and Maint	Fire Safety Survey – FFII-1	Fire Safety Survey in an Occupied Structure	10	Fire Safety Survey	7.5.1
FLS Initiatives, Prep, and Maint	Hose – FFII-1	Annual Hose Test	14	Annual Fire Hose Test	7.5.5
Gen & Comm	IMS – FFII-1	Implementing an IMS	1	Implementing IMS	7.1.2, 7.2.2
Fireground Ops	Live Fire – FFII-1	Ignitable Liquid Fire	3	Ignitable Liquid Fire	7.3.1
Fireground Ops	Live Fire – FFII-2	Flammable Gas Cylinder Fire	6	Flammable Gas Cylinder Fire	7.3.4
Fireground Ops	Live Fire – FFII-3	Coordinate an Interior Attack	4	Coordinate an Interior Attack	7.3.2
Fireground Ops	Live Fire – FFII-4	Operate a Thermal Imager	5	Thermal Imager	7.3.3
FLS Initiatives, Prep, and Maint	Maintenance – FFII-1	Service and Maintain Portable Power Plants and Lighting Equip	13	Maintain Power Tools and Equipment	7.5.4
Fireground Ops	Overhaul – FFII-1	Protecting Evidence of Fire Cause and Origin	7	Protecting Evidence	7.3.5
FLS Initiatives, Prep, and Maint	Prefire Plan – FFII-1	Prepare a Preincident Survey	12	Preincident Survey	7.5.3
Communications	Reports – FFII-1	Complete an Incident Report Form	2	Incident Report Form	7.2.1
Rescue Operations	Rescue – FFII-1	Manage Vehicle Extrication Hazards	8	Vehicle Extrication	7.4.1
Rescue Operations	Rescue – FFII-2	Stabilize Vehicle	8	Vehicle Extrication	7.4.1
Rescue Operations	Rescue – FFII-3	Disentangle Victim	8	Vehicle Extrication	7.4.1
Rescue Operations	Rescue – FFII-4	Assist Rescue Operations Teams	9	Assist Rescue Operations Teams	7.4.2

INSTRUCTIONAL SKILLS

FIREFIGHTER I

Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

COMM – FFI-1
Relaying a Report of an Emergency

NFPA 1010, 2024 ed. **Communications**
6.2.1

JOB PERFORMANCE REQUIREMENTS
Initiate the response to a reported emergency, given the report of an emergency, fire department SOPs, and communications equipment and technology, so that all necessary information is obtained, communications equipment and technology is operated correctly, and the information is relayed promptly and accurately to the dispatch center. (See A.5.2.1) (6.2.1)

OBJECTIVE
The firefighter candidate shall initiate a response for a reported emergency by obtaining all necessary information and relaying the reported emergency information to the dispatch center using communication equipment and technology.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given a report of an emergency from the public, you shall initiate a response by obtaining all necessary information and relaying this information to the dispatch center using the appropriate communication equipment and technology.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.5.2.1 - Personnel should be able to receive and accurately process information received at the station.

PREPARATION & EQUIPMENT
- Simulated emergency situation
- Communication equipment and technology (e.g., portable radios, telephone, MDT, etc.)
- Marking devices (e.g., permanent marker, pens, pencils, chalk, grease pencil, etc.)
- Department SOPs
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

COMM – FFI-1				
Relaying a Report of an Emergency				
The firefighter candidate shall initiate a response for a reported emergency by obtaining all necessary information and relaying the reported emergency information to the dispatch center using communication equipment and technology.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Received report of emergency from the public				
b) Recorded the type of emergency				
c) Recorded the incident address of the emergency				
d) Used communication equipment and technology to contact the dispatch center				
e) Accurately relayed reported emergency information				
f) Performed skill in a safe and proficient manner				

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

Comments:

_____

_____

_____

_____ _____
Instructor Date

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

COMM – FFI-2
Transmit and Receive Communications

NFPA 1010, 2024 ed. **Communications**
6.2.2

JOB PERFORMANCE REQUIREMENTS
Transmit and receive communications using fire department equipment and technology, given equipment and technology and operating procedures, so that the information is accurate, complete, clear and relayed within the time established by the AHJ. (See A.5.2.2) (6.2.2)

OBJECTIVE
The firefighter candidate shall verbally explain the procedures for transmitting and receiving communications during routine traffic, emergency traffic, and emergency evacuation signals. Then the firefighter candidate shall demonstrate the ability to discriminate between routine and emergency traffic.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given fire department equipment and technology for communications, you shall verbally explain the procedures and etiquette for transmitting and receiving departmental communications. Then you shall demonstrate the procedures for transmitting and receiving simulated communications.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.5.2.2 - There are many scenarios where personnel might be required to activate an emergency call for assistance. These could include, but are not limited to, apparatus accidents, medical emergencies that occur away from the hot zone, or injuries that occur during training exercises. An emergency call for assistance should also include the terminology established by the AHJ (e.g., mayday, firefighter down).

PREPARATION & EQUIPMENT
- Communications equipment (e.g., portable radios, MDTs, wireless telemetry, etc.)
- Scenario for an emergency call (script should be the same for all students)
- Personnel to simulate communications

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

COMM – FFI-2				
Transmit and Receive Communications				
The firefighter candidate shall verbally explain the procedures for transmitting and receiving communications during routine traffic, emergency traffic, and emergency evacuation signals. Then the firefighter candidate shall demonstrate the ability to discriminate between routine and emergency traffic.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Transmitted and received communications using departmental procedures and etiquette				
b) Relayed information accurately, completely, and clearly				
c) Transmitted information within the time established by the AHJ				
d) Verbally describes differences between routine and emergency traffic				
e) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

EXTINGUISHER – FFI-1
Extinguish a Class A Fire

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.16

JOB PERFORMANCE REQUIREMENTS
Extinguish incipient Class A, Class B, and Class C fires, given a selection of portable fire extinguishers, so that the correct extinguisher is chosen, the fire is completely extinguished, and correct extinguisher-handling techniques are followed. (6.3.16)

OBJECTIVE
The firefighter candidate shall extinguish an incipient Class A fire, so that the correct extinguisher is chosen, the fire is completely extinguished, and correct extinguisher-handling techniques are followed.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall demonstrate the operation of a fire extinguisher on a Class A fire. You shall properly select an appropriate extinguisher, properly approach, extinguish, and withdraw after the fire is completely extinguished. Only one extinguisher may be used on each class of fire.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.16 - The Firefighter I should be able to extinguish incipient Class A fires such as wastebaskets, small piles of pallets, wood, or hay; Class B fires of approximately 9 ft^2 (0.84 m^2); and Class C fires where the electrical equipment is energized. The Firefighter I should have knowledge of Class D and K fires and their extinguishing agents. If the Fire Department has Class D or K type extinguishers, the firefighter should be knowledgeable on the devices and their use.

PREPARATION & EQUIPMENT
- Stored-pressure water extinguisher - 2½ gallons
- Dry chemical extinguisher
- CO_2 extinguisher
- Class A fuel
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

EXTINGUISHER – FFI-1				
Extinguish a Class A Fire				
The firefighter candidate shall extinguish an incipient Class A fire, so that the correct extinguisher is chosen, the fire is completely extinguished, and correct extinguisher-handling techniques are followed.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Selected an appropriate extinguisher based on the size and type of fire				
b) Checked that the extinguisher is properly charged				
c) Safely carried portable fire extinguisher				
d) Approached fire with portable fire extinguisher				
e) Pulled pin				
f) Aimed nozzle at base of fire				
g) Squeezed handle to discharge agent				
h) Swept slowly back and forth across base of fire				
i) Ensured extinguishment of fire				
j) Backed away without losing sight of fire location				
k) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

EXTINGUISHER – FFI-2
Extinguishing a Class B Fire

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.16

JOB PERFORMANCE REQUIREMENTS
Extinguish incipient Class A, Class B, and Class C fires, given a selection of portable fire extinguishers, so that the correct extinguisher is chosen, the fire is completely extinguished, and correct extinguisher-handling techniques are followed. (6.3.16)

OBJECTIVE
The firefighter candidate shall extinguish an incipient Class B fire, so that the correct extinguisher is chosen, the fire is completely extinguished, and correct extinguisher-handling techniques are followed.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall demonstrate the operation of a fire extinguisher on a Class B fire. You shall properly select an appropriate extinguisher, properly approach, extinguish, and withdraw after the fire is completely extinguished. Only one extinguisher may be used on each class of fire.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.16 - The Firefighter I should be able to extinguish incipient Class A fires such as wastebaskets, small piles of pallets, wood, or hay; Class B fires of approximately 9 ft^2 (0.84 m^2); and Class C fires where the electrical equipment is energized. The Firefighter I should have knowledge of Class D and K fires and their extinguishing agents. If the Fire Department has Class D or K type extinguishers, the firefighter should be knowledgeable on the devices and their use.

PREPARATION & EQUIPMENT
- Stored-pressure water extinguisher - 2½ gallons
- Dry chemical extinguisher
- CO_2 extinguisher
- Metal pan, minimum 9 square feet
- Class B fuel
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

EXTINGUISHER – FFI-2				
Extinguishing a Class B Fire				
The firefighter candidate shall extinguish an incipient Class B fire, so that the correct extinguisher is chosen, the fire is completely extinguished, and correct extinguisher-handling techniques are followed.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Selected an appropriate extinguisher based on the size and type of fire				
b) Checked that the extinguisher is properly charged				
c) Safely carried portable fire extinguisher				
d) Approached fire with portable fire extinguisher				
e) Pulled pin				
f) Aimed nozzle at base of fire				
g) Squeezed handle to discharge agent				
h) Swept slowly back and forth across base of fire				
i) Avoided splashing flammable liquid				
j) Ensured extinguishment of fire				
k) Backed away without losing sight of fire location				
l) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

EXTINGUISHER – FFI-3
Extinguishing a Class C Fire

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.16

JOB PERFORMANCE REQUIREMENTS
Extinguish incipient Class A, Class B, and Class C fires, given a selection of portable fire extinguishers, so that the correct extinguisher is chosen, the fire is completely extinguished, and correct extinguisher-handling techniques are followed. (6.3.16)

OBJECTIVE
The firefighter candidate shall extinguish an incipient Class C fire, so that the correct extinguisher is chosen, the fire is completely extinguished, and correct extinguisher-handling techniques are followed.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall demonstrate the operation of a fire extinguisher on a Class C fire. You shall properly select an appropriate extinguisher, properly approach, extinguish, and withdraw after the fire is completely extinguished. Only one extinguisher may be used on each class of fire.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.16 - The Firefighter I should be able to extinguish incipient Class A fires such as wastebaskets, small piles of pallets, wood, or hay; Class B fires of approximately 9 ft^2 (0.84 m^2); and Class C fires where the electrical equipment is energized. The Firefighter I should have knowledge of Class D and K fires and their extinguishing agents. If the Fire Department has Class D or K type extinguishers, the firefighter should be knowledgeable on the devices and their use.

PREPARATION & EQUIPMENT
- Stored-pressure water extinguisher - 2½ gallons
- Dry chemical extinguisher
- CO_2 extinguisher
- Class C source or electronic fire extinguisher simulation systems
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

EXTINGUISHER – FFI-3				
Extinguishing a Class C Fire				
The firefighter candidate shall extinguish an incipient Class C fire, so that the correct extinguisher is chosen, the fire is completely extinguished, and correct extinguisher-handling techniques are followed.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Selected an appropriate extinguisher based on the size and type of fire				
b) Checked that the extinguisher is properly charged				
c) Safely carried portable fire extinguisher				
d) Approached fire with portable fire extinguisher				
e) De-energized power source, if possible				
f) Pulled pin				
g) Aimed nozzle at base of fire				
h) Squeezed handle to discharge agent				
i) Swept slowly back and forth across base of fire				
j) Ensured extinguishment of fire				
k) Backed away without losing sight of fire location				
l) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

FD ORGANIZATION & STANDARDS – FFI-1
Locate Information in Documents

NFPA 1010, 2024 ed. **General**
6.1.2

JOB PERFORMANCE REQUIREMENTS
Locate information in departmental documents and standard or code materials. (6.1.2)

OBJECTIVE
The firefighter candidate shall locate information in departmental documents and standard or code materials.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You will be given a scenario requiring you to locate specific information using national, state and local documents (NFPA, TCFP, AHJ). You shall physically locate the information in the documents in an proficient manner.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Scenario(s) requiring students to research information using any of the below documents.
- Access to national, state and local standards, codes and documents.
    - TCFP Standards Manual
    - SOPs or SOGs of the AHJ
    - NFPA Standards such as 1010, 1403, 470, 1500, 1581

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

FD Organization & Standards – FFI-1				
Locate Information in Documents				
The firefighter candidate shall locate information in departmental documents and standard or code materials.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Confirmed information to be located				
b) Identified which reference material is needed				
c) Correctly located information in departmental documents				
d) Correctly located information in standards				
e) Correctly located information in code materials				
f) Performed skill in a safe and proficient manner				

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FORCE ENTRY – FFI-1

Force Entry into a Structure (Doors)

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.4

JOB PERFORMANCE REQUIREMENTS

Force entry into a structure, given PPE, tools, and an assignment, so that the tools are used as designed, the barrier is removed, and the opening is in a safe condition and ready for entry. (6.3.4)

OBJECTIVE

The firefighter candidate shall force entry into a structure through doors, so that the tools are used as designed, the barrier is removed, and the opening is in a safe condition and ready for entry.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE

Given a selection of forcible entry tools, you shall identify, select and safely carry the correct tool(s) appropriate for the type of door for which you will force entry. You shall then simulate the correct method of forcing entry into a structure through the door.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE

Annex A.6.3.4 - The Firefighter I should be able to force entry through wood, glass, and metal doors that open in and out, overhead doors, and windows common to the community or service area.

PREPARATION & EQUIPMENT:

- Crowbar/pry bar
- Halligan tool
- Pick-head axe
- Flat-head axe
- Pike pole
- Hydraulic extrication tool (spreaders, shears, ram, etc.)
- A-tool
- K-tool
- Forcible entry prop appropriate for the skill
- PPE appropriate for the skill

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Candidate:_____

Training Provider:_____

FORCE ENTRY – FFI-1				
Force Entry into a Structure (Doors)				
The firefighter candidate shall force entry into a structure through doors, so that the tools are used as designed, the barrier is removed, and the opening is in a safe condition and ready for entry.				
The candidate:	**ATTEMPT 1**		**ATTEMPT 2**	
Door opens toward the firefighter	**S**	**U**	**S**	**U**
a) Correctly verbalized the type of door				
b) Selected the proper tool(s)				
c) Inserted the blade of the tool between the door and jamb near the lock				
d) Forced the blade in and against the rabbet or stop				
e) Pried the tool bar away from the door to move the door and jamb apart				
f) Pulled or pried the door open with another tool until the lock clears the keeper				
g) Performed skill in a safe and proficient manner				
Door opens away from firefighter with stops	**S**	**U**	**S**	**U**
a) Correctly verbalized the type of door				
b) Selected the proper forcible entry tool(s)				
c) Bumped the cutting edge of the tool against the stop to break the paint or varnish.				
d) Loosened the stop at the lock or removed the lock completely				
e) Forced the blade between the door and jamb				
f) Made initial pry after blade is inserted at least halfway				
g) With full bite, pried the door away from the jamb				
h) Performed skill in a safe and proficient manner				
Door opens away from firefighter with rabbet jamb	**S**	**U**	**S**	**U**
a) Correctly verbalized the type of door				
b) Selected the proper forcible entry tool(s)				

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c) Placed the blade of the tool flat against the door and inserts the blade (or tool edge) between the rabbet and the door				
d) Made short pries with the first tool to spread the jamb				
e) Worked the blade of the second tool between the door and the jamb, hammering the blade well into the opening				
f) Pried the door away from the jamb until the bolt passes the keeper				
g) Performed skill in a safe and proficient manner				
Door opened through the lock	**S**	**U**	**S**	**U**
a) Identified the type of lock				
b) Selected the correct tool (K-tool) to open the lock				
c) Forced the K-tool into the correct position				
d) Inserted the prying tool into the metal loop of the K-tool				
e) Pried the cylinder from the door (using the K-tool as a fulcrum)				
f) Inserted the key into the hold made by the removed cylinder				
g) Operated the locking bolt by manipulating/rotating to the open position				
h) Performed skill in a safe and proficient manner				
Sliding Door	**S**	**U**	**S**	**U**
a) Chose the correct tool(s)				
b) Inserted the blade between the jamb and the door at the lock				
c) Pried the door away from the jamb				
d) Verbalized if the patio door is locked or blocked with a bar, the firefighter candidate should try another entrance or break the glass				
e) Performed skill in a safe and proficient manner				
For All Tools	**S**	**U**	**S**	**U**
a) Transported and used all tools safely				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

FORCE ENTRY – FFI-2
Force Entry into a Structure (Windows)

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.4

JOB PERFORMANCE REQUIREMENTS
Force entry into a structure, given personal protective equipment, tools, and an assignment, so that the tools are used as designed, the barrier is removed, and the opening is in a safe condition and ready for entry. (6.3.4)

OBJECTIVE
The firefighter candidate shall force entry into a structure through windows, so that the tools are used as designed, the barrier is removed, and the opening is in a safe condition and ready for entry.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given a selection of forcible entry tools, you shall identify, select and safely carry the correct tool(s) appropriate for the type of door for which you will force entry. You shall then simulate the correct method of forcing entry into a structure through the door.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.4 - The Firefighter I should be able to force entry through wood, glass, and metal doors that open in and out, overhead doors, and windows common to the community or service area.

PREPARATION & EQUIPMENT:
- Crowbar/pry bar
- Halligan tool
- Pick-head axe
- Flat-head axe
- Pike pole
- Hydraulic extrication tools (spreaders, shears, ram, etc.)
- Forcible entry prop appropriate for the skill
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

FORCE ENTRY – FFI-2				
Force Entry into a Structure (Windows)				
The firefighter candidate shall force entry into a structure through a window, so that the tools are used as designed, the barrier is removed, and the opening is in a safe condition and ready for entry.				
The candidate:	**ATTEMPT 1**		**ATTEMPT 2**	
Checkrail Windows	**S**	**U**	**S**	**U**
a) Chose the correct tool(s)				
b) Located the locking device				
c) Pried up on the lower sash from the center				
d) If this failed or the window was of metal construction, broke the glass to unlock window				
e) Performed skill in a safe and proficient manner				
Casement Windows	**S**	**U**	**S**	**U**
a) Chose the correct tool(s)				
b) Broke the lowest pane of glass				
c) Cut or forced the screen				
d) Unlocked the window				
e) Operated the crank(s)				
f) Completely removed the screen				
g) Performed skill in a safe and proficient manner				
Projected Windows	**S**	**U**	**S**	**U**
a) Chose the correct tool(s)				
b) Broke the lowest pane of glass				
c) Unlocked the window				
d) Operated the crank(s)				
e) Performed skill in a safe and proficient manner				
Awning of Jalousie Windows	**S**	**U**	**S**	**U**
a) Chose the correct tool(s)				

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b) Removed the necessary slats of glass to gain entry				
c) Verbalized another opening should be located, if possible				
d) Performed skill in a safe and proficient manner				
All Windows	**S**	**U**	**S**	**U**
a) Transported and used all tools safely				

S = Satisfactorily completed/performed
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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

FORCE ENTRY – FFI-3
Force Entry into a Structure (Walls)

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.4

JOB PERFORMANCE REQUIREMENTS
Force entry into a structure, given personal protective equipment, tools, and an assignment, so that the tools are used as designed, the barrier is removed, and the opening is in a safe condition and ready for entry. (6.3.4)

OBJECTIVE
The firefighter candidate shall force entry into a structure through walls, so that the tools are used as designed, the barrier is removed, and the opening is in a safe condition and ready for entry.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given a selection of forcible entry tools, you shall identify, select and safely carry the correct tool(s) appropriate for the type of door for which you will force entry. You shall then simulate the correct method of forcing entry into a structure through the door.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.4 - The Firefighter I should be able to force entry through wood, glass, and metal doors that open in and out, overhead doors, and windows common to the community or service area.

PREPARATION & EQUIPMENT:
- Crowbar/pry bar
- Halligan tool
- Pick-head axe
- Flat-head axe
- Pike pole
- Forcible entry prop appropriate for the skill
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

FORCE ENTRY – FFI-3				
Force Entry into a Structure (Walls)				
The firefighter candidate shall force entry into a structure through walls, so that the tools are used as designed, the barrier is removed, and the opening is in a safe condition and ready for entry.				
The candidate:	**ATTEMPT 1**		**ATTEMPT 2**	
Masonry Walls	**S**	**U**	**S**	**U**
a) Chose the correct tool(s)				
b) Correctly used the forcible entry tool				
c) Performed skill in a safe and proficient manner				
Metal Walls	**S**	**U**	**S**	**U**
a) Chose the correct tool(s)				
b) Sounded for studs				
c) Cut along studs or other supports				
d) Watched for electrical wiring and pipes in the walls				
e) After cuts were made, folded the metal back out of the way				
f) Performed skill in a safe and proficient manner				
Wood Frame Walls	**S**	**U**	**S**	**U**
a) Chose the correct tool(s)				
b) Removed siding				
c) Sounded for studs				
d) Watched for electrical wiring and pipes in the walls				
e) Cut along studs				
f) Performed skill in a safe and proficient manner				
Partition Walls	**S**	**U**	**S**	**U**
a) Chose the correct tool(s)				
b) Opened the partition as to the type of materials above				
c) Performed skill in a safe and proficient manner				

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For All Walls	S	U	S	U
a) Transported and used all tools safely				

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

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FORCE ENTRY – FFI-4

Demonstrate Hand and Power Tools Used for Forcible Entry

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.4

JOB PERFORMANCE REQUIREMENTS

Force entry into a structure, given personal protective equipment, tools, and an assignment, so that the tools are used as designed, the barrier is removed, and the opening is in a safe condition and ready for entry. (6.3.4)

OBJECTIVE

The firefighter candidate shall force entry into a structure using hand and power tools, so that the tools are used as designed, the barrier is removed, and the opening is in a safe condition and ready for entry.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE

You shall demonstrate the use of hand tools and power tools used for forcible entry. Then you shall verbalize any special safety procedures regarding each tool.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE

Annex A.6.3.4 - The Firefighter I should be able to force entry through wood, glass, and metal doors that open in and out, overhead doors, and windows common to the community or service area.

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PREPARATION & EQUIPMENT:

- Pick-head axe
- Flat-head axe
- Bolt cutters
- Crowbar/pry bar
- Halligan tool
- A-tool
- K-tool
- Pike poles (8’ or greater)
- Roof hook
- Closet tool
- Sledgehammer
- Miscellaneous tools and equipment as needed, per AHJ
- Chainsaw, gasoline or battery-powered
- Rotary saw, gasoline or battery-powered
- Extrication tools, hydraulic or battery powered (spreaders, shears, ram, etc.)
- Battery chargers and spare batteries
- Reciprocating saw, electric or battery-powered
- Electrical extension cords and connectors
- Forcible entry prop, appropriate for tools used
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

FORCE ENTRY – FFI-4				
Demonstrate Hand and Power Tools Used for Forcible Entry				
The firefighter candidate shall force entry into a structure using hand and power tools, so that the tools are used as designed, the barrier is removed, and the opening is in a safe condition and ready for entry.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Demonstrated choosing the correct tool to accomplish the task				
b) Inspected the tool before use to ensure its condition				
c) Verbalized and demonstrated special safety procedures with each tool				
d) Ensured that all people are out of the work area				
e) Correctly used the proper tool				
f) Removed all barriers				
g) Verbalized that the opening is in a safe condition and ready for entry				
h) Performed skill in a safe and proficient manner				

S = Satisfactorily completed/performed
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FIRE PROTECTION SYSTEMS – FFI-1
Locating the Main Control Valve

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.14

JOB PERFORMANCE REQUIREMENTS
Conserve property as a member of a team, given salvage tools and equipment and an assignment, so that the building and its contents are protected from further damage. (6.3.14)

OBJECTIVE
The firefighter candidate shall locate the Main Control Valve on a sprinkler system, correctly identify the position of the valve and demonstrate the procedures for fully opening and closing the valve.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall locate the Main Control Valve on a sprinkler system. You shall then correctly identify and verbalize the position of the valve to the evaluator. You shall fully close the valve, then fully re-open the valve. After operating the valve, you shall verbalize special conditions for the valve when placing the system in service.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the above identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Sprinkler system or mock-up with water source and main control valve
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

FIRE PROTECTION SYSTEMS – FFI-1				
Locating the Main Control Valve				
The firefighter candidate shall locate the Main Control Valve on a sprinkler system, correctly identify the position of the valve and demonstrate the procedures for fully opening and closing the valve.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Located the main control valve				
b) Verbally identified the type of control valve				
c) Verbalized the position of the valve (open or closed)				
d) Completely closed the control valve				
e) Re-opened the control valve completely				
f) Verbally indicated that valve should be secured in the open position				
g) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

FIRE PROTECTION SYSTEMS – FFI-2
Controlling and Identifying Sprinkler Heads

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.14

JOB PERFORMANCE REQUIREMENTS
Conserve property as a member of a team, given salvage tools and equipment and an assignment, so that the building and its contents are protected from further damage. (6.3.14)

OBJECTIVE
The firefighter candidate shall stop the flow of water from a sprinkler head using a sprinkler stop or wedge. The candidate shall also identify the style of sprinkler head, temperature rating, and the conditions at which the control valve may be closed.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
While wearing full protective clothing, you shall demonstrate the proper procedure for stopping the flow of water from a sprinkler head using a sprinkler stop or wedge. You shall identify and verbalize to the evaluator the style of sprinkler head, temperature rating, and the conditions at which the system control valve may be closed.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
A mock-up for the objective can be created by using a section of pipe with one sprinkler head connected and supplied by a garden hose.

PREPARATION & EQUIPMENT
- Sprinkler system or mock-up with water source and main control valve
- Open sprinkler head capable of flowing water
- Replacement sprinkler head
- Sprinkler head wrench
- Step ladder
- Wood wedges or commercially made sprinkler stopper

The candidate shall accomplish the skill wearing **"FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS"** as required by the Texas Commission on Fire Protection to include helmet, hood, gloves, coat, trousers, boots, and SCBA.

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

FIRE PROTECTION SYSTEMS – FFI-2				
Controlling and Identifying Sprinkler Heads				
The firefighter candidate shall stop the flow of water from a sprinkler head using a sprinkler stop or wedge. The candidate shall also identify the style of sprinkler head, temperature rating, and the conditions at which the control valve may be closed.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Inserted the sprinkler stop(s) without complication				
b) Adequately stopped the flow of water				
c) Verbally identified that the sprinkler head is either upright or pendant style				
d) Given a sprinkler head, verbally identified the temperature classification				
e) Verbally stated the control valve is not to be closed unless directed by the incident commander				
f) Performed skill in a safe and proficient manner				

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

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

HAND TOOLS – FFI-1
Clean and Inspect Hand Tools

NFPA 1010, 2024 ed. **Preparedness and Maintenance**
6.5.1

JOB PERFORMANCE REQUIREMENTS
Clean and check ladders, ventilation equipment, SCBA, ropes, salvage equipment, and hand tools, given cleaning tools, cleaning supplies, and an assignment, so that equipment is clean and maintained according to manufacturer's or departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise. (6.5.1)

OBJECTIVE
The firefighter candidate shall clean hand tools and inspect for damage. The candidate shall also state the frequency for sharpening cutting tools.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given a hand tool and the appropriate cleaning equipment, you shall clean the hand tool and then verbalize the proper technique for inspecting the hand tool for damage and for sharpening cutting tools.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Assorted hand tools
- Manufacturer approved cleaning agent
- Manufacturer approved cleaning equipment
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

HAND TOOLS – FFI-1				
Clean and Inspect Hand Tools				
The firefighter candidate shall clean hand tools and inspect for damage. The candidate shall also state the frequency for sharpening cutting tools.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Cleaned tool with mild soap and water, if appropriate				
b) Dried tool				
c) Inspected tool for any damage				
d) Verbally stated that cutting tools should be sharpened after each use				
e) Performed skill in a safe and proficient manner				

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HOSE – FFI-1
Coupling and Uncoupling Fire Hose

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.10

JOB PERFORMANCE REQUIREMENTS
Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control. (6.3.10)

OBJECTIVE
The firefighter candidate shall demonstrate three methods for coupling and uncoupling fire service hose.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall demonstrate the proper method of coupling and uncoupling two lengths of fire hose using the following methods: (1) Knee-press, (2) Stiff-arm, (3) Spanner wrench. You will have a second person for the stiff-arm method.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- 2 lengths of 1½" or larger hose
- Spanner wrenches
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

HOSE – FFI-1				
Coupling and Uncoupling Fire Hose				
The firefighter candidate shall demonstrate three methods for coupling and uncoupling fire service hose.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Demonstrated the knee-press method				
b) Demonstrated the stiff-arm (two person) method				
c) Demonstrated the spanner wrench method				
d) Performed skill in a safe and proficient manner				

S = Satisfactorily completed/performed
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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

HOSE – FFI-2
Replacing Burst Section of Hose

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.10

JOB PERFORMANCE REQUIREMENTS
Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control. (6.3.10)

OBJECTIVE
The firefighter candidate shall replace a section of burst hose.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
While wearing full protective clothing and a Self-Contained Breathing Apparatus (SCBA), you shall demonstrate the proper method of replacing a burst section of hoseline.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- 4 lengths of 1½" or larger hose
- Appropriate nozzle for hose size
- Hose clamp
- Spanner wrenches
- Hydrant or fire apparatus for water supply

The candidate shall accomplish the skill wearing **"FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS"** as required by the Texas Commission on Fire Protection to include helmet, hood, gloves, coat, trousers, boots, and SCBA.

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

HOSE – FFI-2				
Replacing Burst Section of Hose				
The firefighter candidate shall replace a section of burst hose.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Applied a hose clamp approximately 3 to 5 feet behind coupling of damaged section				
b) Brought two additional sections of hose				
c) Replaced one defective section with two additional lengths				
d) Extended hose, avoiding kinks and damage to coupling				
e) Slowly released hose clamp while standing to the side				
f) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

HOSE – FFI-3
Extend a Hoseline

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.10

JOB PERFORMANCE REQUIREMENTS
Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control. (6.3.10)

OBJECTIVE
The firefighter candidate shall extend a charged hoseline.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
While wearing full protective clothing and a Self-Contained Breathing Apparatus (SCBA), you shall demonstrate the proper method of extending a charged hoseline. You shall demonstrate the open and closed nozzle positions and any stream adjustments that are characteristic of the nozzle.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Four (4) lengths of 1½" or larger hose
- One additional length of 1½” or larger rolled hose
- Appropriate nozzle for hose size
- Hose clamp
- Gated wye or similar appliance
- Spanner wrenches
- Hydrant or fire apparatus for water supply

The candidate shall accomplish the skill wearing **"FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS"** as required by the Texas Commission on Fire Protection to include helmet, hood, gloves, coat, trousers, boots, and SCBA.

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

HOSE – FFI-3				
Extend a Hoseline				
The firefighter candidate shall extend a charged hoseline.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Located gated wye or similar appliance				
b) Located attack nozzle				
c) Brought 50’ of hose to nozzle				
d) Shut down water flow by applying hose clamp correctly at approximately 3 - 5’ behind nozzle and opened nozzle				
e) Removed nozzle, attached appliance, and attached 50’ of hose				
f) Extended attack line out and attached nozzle				
g) When coupling and uncoupling hose, used an approved method				
h) Slowly released hose clamp while standing to the side				
i) Slowly opened appliance				
j) Opened nozzle				
k) Demonstrated all stream adjustments characteristic of the nozzle				
l) Slowly closed nozzle				
m) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

HOSE – FFI-4
Perform Two Types of Hose Carries

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.10

JOB PERFORMANCE REQUIREMENTS
Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control. (6.3.10)

OBJECTIVE
The firefighter candidate shall demonstrate two methods for carrying fire service hose.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall demonstrate the proper method of performing two types of hose carries, the accordion shoulder carry and the single section shoulder loop carry. You shall pick up the entire length of hose, then carry it a minimum of 20 feet.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- One (1) 50’ section of 2½" or 3" hose
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

HOSE – FFI-4				
Perform Two Types of Hose Carries				
The firefighter candidate shall demonstrate two methods for carrying fire service hose.				
The candidate:	**ATTEMPT 1**		**ATTEMPT 2**	
Accordion Shoulder Carry	**S**	**U**	**S**	**U**
a) Grasped either of the two couplings and placed it over the shoulder with the coupling behind the body at approximately waist height				
b) Held the hose in front of the body and, while walking slowly forward, formed a loop that hangs approximately at knee height in front of the body				
c) While walking, guided the hose back over the same shoulder to form a loop that hangs at approximately knee height behind the body				
d) Walked slowly down the hose, forming alternate loops in front of and behind the body until the entire hose is picked up				
e) Carried the hose at least 20’ in a controlled manner				
f) Performed skill in a safe and proficient manner				
Single-Section Shoulder Loop Carry	**S**	**U**	**S**	**U**
a) Placed one end of the hose over the shoulder so that the coupling hangs at approximately waist height				
b) Stepped forward to form an approximate 3’ loop on the ground behind, then picked up the hose at the closest point				
c) Raised the loop and laid it over the shoulder without twisting or turning it over (expect loop to have a half-twist) and adjusted the loop so that the bottom is approximately mid-calf				
d) Picked up entire length of hose and carried it at least 20 feet in a controlled manner				
e) Performed skill in a safe and proficient manner				

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HOSE – FFI-5
Advance a Charged Attack Line Up a Ladder

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.10

JOB PERFORMANCE REQUIREMENTS
Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control. (6.3.10)

OBJECTIVE
The firefighter candidate shall advance a charged hoseline up a ladder.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given a 24’ extension ladder in place and working with another team member, you shall advance a charged 1½ inch attack line or larger up the ladder to a minimum height of 14’ (or 2nd floor landing). You shall operate the nozzle from the ladder only after it is secured in place and you are secured on the ladder with a leg lock.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.10 - The Firefighter I should be proficient in the various attack approaches for room and contents fires at three different levels (at grade, above grade, and below grade).

SAFETY NOTE
Additional firefighters shall be utilized to heel the ladder and advance the hose, as necessary.

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PREPARATION & EQUIPMENT

- 24’ extension ladder
- 1½" or 2½" hose
- 1½" or 2½" nozzle
- Hose strap, rope, or chain
- Hydrant or fire apparatus for water supply

The candidate shall accomplish the skill wearing **"FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS"** as required by the Texas Commission on Fire Protection to include helmet, hood, gloves, coat, trousers, boots, and SCBA.

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

HOSE – FFI-5				
Advance a Charged Attack Line Up a Ladder				
The firefighter candidate shall advance a charged hoseline up a ladder.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Was positioned on the ladder with a leg lock on the opposite side from the nozzle or used a life safety belt				
b) Directed the other firefighter to push the charged hoseline up the ladder				
c) Projected the nozzle through the ladder rungs				
d) Secured the nozzle and hose with a rope or hose strap				
e) Opened the nozzle and flowed water in a controlled manner				
f) Performed skill in a safe and proficient manner				

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

Comments:

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HOSE – FFI-6
Advancing Charged and Uncharged Attack Lines

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.10

JOB PERFORMANCE REQUIREMENTS
Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control. (6.3.10)

OBJECTIVE
The firefighter candidate shall advance charged and uncharged hoselines at grade level, and above- and below-grade levels, by moving up and down interior and/or exterior stairways.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall demonstrate the proper method of advancing _____ [charged and uncharged] attack lines up an _____ [interior or exterior] stairway to a second floor, then down an _____ [interior or exterior] stairway to the lower floor.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
When reading the instructions, specify whether attack lines are charged or uncharged for each scenario. Also specify whether the stairway is interior or exterior for each scenario.

Annex A.6.3.10 – The Firefighter I should be proficient in the various attack approaches for room and contents fires at three different levels (at grade, above grade, and below grade). Maintenance of body posture in the standard refers to staying low during initial attack, protecting oneself from falling objects, and otherwise using common sense given the state of the fire's growth or suppression.

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PREPARATION & EQUIPMENT

- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system
- A minimum of three (3) sections of 1½" or larger fire hoses
- Training tower, minimum of 2 stories in height
- Appropriate nozzle(s) for each fire hose
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

HOSE – FFI-6				
Advancing Charged and Uncharged Attack Lines				
The firefighter candidate shall advance charged and uncharged hoselines at grade level, and above- and below-grade levels, by moving up and down interior and/or exterior stairways.				
The candidate:	**ATTEMPT 1**		**ATTEMPT 2**	
Charged line UP:	**S**	**U**	**S**	**U**
a) Effectively advanced hoseline with partner to stairs				
b) Arranged necessary equipment in organized manner				
c) Safely advanced charged line to the second-floor landing				
d) Felt the door with back of hand				
e) Bled air out of line before entering door				
f) Set nozzle pattern before entering door				
g) Stayed low while entering the doorway				
h) Advanced hose **UP** a stairway while preventing kinks or complications				
i) Performed skill in a safe and proficient manner				
Charged line DOWN:	**S**	**U**	**S**	**U**
a) Effectively advanced hoseline with partner to stairs				
b) Arranged necessary equipment in organized manner				
c) Safely advanced charged line to the lower-level landing				
d) Felt the door with back of hand				
e) Bled air out of line before entering door				
f) Set nozzle pattern before entering door				
g) Stayed low while entering the doorway				
h) Advanced hose **DOWN** a stairway while preventing kinks or complications				
i) Performed skill in a safe and proficient manner				

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Uncharged line UP:	S	U	S	U
a) Effectively advanced hoseline with partner to stairs				
b) Arranged necessary equipment in organized manner				
c) Safely advanced uncharged line to the second-floor landing				
d) Felt the door with back of hand				
e) Bled air out of line before entering door				
f) Set nozzle pattern before entering door				
g) Stayed low while entering the doorway				
h) Advanced hose **UP** a stairway while preventing kinks or complications				
i) Performed skill in a safe and proficient manner				
Uncharged line DOWN:	**S**	**U**	**S**	**U**
a) Effectively advanced hoseline with partner to stairs				
b) Arranged necessary equipment in organized manner				
c) Safely advanced charged line to the lower-level landing				
d) Felt the door with back of hand				
e) Bled air out of line before entering door				
f) Set nozzle pattern before entering door				
g) Stayed low while entering the doorway				
h) Advanced hose **DOWN** a stairway while preventing kinks or complications				
i) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

HOSE – FFI-7
Connecting Hose to a Standpipe

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.10

JOB PERFORMANCE REQUIREMENTS
Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control. (6.3.10)

OBJECTIVE
The firefighter candidate shall connect hose to a standpipe for fire attack.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
While wearing full protective clothing and a SCBA, you shall demonstrate the proper method of carrying hose into a building, connecting it to a standpipe, and advancing the hose to its entire length. You shall complete the mandatory steps while performing this skill.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
The instructor will designate the fire floor.

Annex A.6.3.10 – The Firefighter I should be proficient in the various attack approaches for room and contents fires at three different levels (at grade, above grade, and below grade). Maintenance of body posture in the standard refers to staying low during initial attack, protecting oneself from falling objects, and otherwise using common sense given the state of the fire's growth or suppression.

PREPARATION & EQUIPMENT
- Appropriate hose adapters
- 100' of 1½" hose or larger with nozzle
- Standpipe connection or equivalent
- Spanner wrenches
- PPE appropriate for the skill

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Candidate:_____

Training Provider:_____

HOSE – FFI-7				
Connecting Hose to a Standpipe				
The firefighter candidate shall connect hose to a standpipe for fire attack.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Arranged hose and nozzle in an effective manner for deployment				
b) Obtained all necessary equipment (a spanner wrench, adapters, etc.)				
c) Carried the hose into the structure				
d) Uncapped discharge and connected hose to the standpipe				
e) Advanced the hoseline to a designated point				
f) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

HOSE – FFI-8
Inspecting for Damage;
Cleaning and Maintenance of Hose, Couplings and Nozzles

NFPA 1010, 2024 ed. **Preparedness and Maintenance**
6.5.2

JOB PERFORMANCE REQUIREMENTS
Clean, inspect and return fire hose to service, given washing equipment, water, detergent, tools, and replacement gaskets, so that damage is noted and corrected, the hose is clean, and the equipment is placed in a ready state for service. (6.5.2)

OBJECTIVE
The firefighter candidate shall demonstrate the procedures for cleaning, maintaining, and inspecting for damaged fire hose, couplings, and nozzles.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall demonstrate the procedures for cleaning, maintaining, and inspecting for damage on: 1) fire hose, 2) nozzles, 3) hose couplings. You shall verbalize key steps while performing this skill.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- 1½ inch or larger fire hose
- 1½ inch or larger nozzle
- Manufacturer approved cleaning agent
- Manufacturer approved cleaning equipment
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

HOSE – FFI-8				
Inspecting for Damage; Cleaning and Maintenance of Hose, Couplings and Nozzles				
The firefighter candidate shall demonstrate the procedures for cleaning, maintaining, and inspecting for damaged fire hose, couplings and nozzles.				
The candidate:	**ATTEMPT 1**		**ATTEMPT 2**	
Nozzle	**S**	**U**	**S**	**U**
a) Checked nozzle bale or handle for function by moving it to the "OPEN" and "CLOSED" positions				
b) Checked nozzle gasket for defects, age and ability to return to normal shape by pinching the gasket between the thumb and index fingers				
c) Checked nozzle for external damage				
d) Checked nozzle for internal damage and debris				
e) Ensured pistol grip is secure, if applicable				
f) Ensured fog nozzle operated properly, if applicable				
g) Performed skill in a safe and proficient manner				
Fire hose	**S**	**U**	**S**	**U**
a) Checked the expansion ring at both ends of the hose for burrs, looseness or damage				
b) Checked inner liner of hose, at both hose couplings, for signs of cracks, age, or defects and marks defective hose per department SOP				
c) Checked outer hose jacket for signs of damage (thermal, mold, mildew, or chemical)				
d) If hose is defective, marked according to department SOP				
e) Verbalized how to operate hose washing and drying equipment and that hose should be testing annually				
f) Performed skill in a safe and proficient manner				
Couplings	**S**	**U**	**S**	**U**
a) Checked male coupling for damage (chips, burrs, out-of-roundness)				
b) Checked male coupling for tightness and proper mounting on hose				

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c) Checked female coupling for function and freedom of movement				
d) Checked female coupling for shape and out-of-roundness				
e) Checked female coupling for tightness and proper mounting on hose				
f) Checked female coupling gasket for defects, age and ability to return to normal shape by pinching gasket between thumb and index finger and replaced gaskets as needed				
g) Performed skill in a safe and proficient manner				

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HOSE – FFI-9
Loading Supply Hose

NFPA 1010, 2024 ed. **Preparedness and Maintenance**
6.5.2

JOB PERFORMANCE REQUIREMENTS
Clean, inspect and return fire hose to service, given washing equipment, water, detergent, tools, and replacement gaskets, so that damage is noted and corrected, the hose is clean, and the equipment is placed in a ready state for service. (6.5.2)

OBJECTIVE
The firefighter candidate, working with another team member, shall demonstrate loading three types of hose loads: Accordion, Horseshoe, Flat.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Working with another team member, you shall properly demonstrate loading three types of hose loads:

1. Accordion
2. Horseshoe
3. Flat

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Four (4) sections of 2½" or larger supply hose
- Apparatus hose bed, or equivalent
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

HOSE – FFI-9				
Loading Supply Hose				
The firefighter candidate, working with another team member, shall demonstrate loading three types of hose loads: Accordion, Horseshoe, Flat.				
The candidate:	**ATTEMPT 1**		**ATTEMPT 2**	
Accordion Hose Load	**S**	**U**	**S**	**U**
a) Laid hose on edge in front-to-back manner				
b) Folded hose back on itself and laid in opposite direction				
c) Staggered folds at the edge of the hose bed				
d) Repeated until hose covers hose bed				
e) Started second layer, repeated accordion loading				
f) Added layers until all hose is loaded				
g) Finished hose load per AHJ procedures				
h) Performed skill in a safe and proficient manner				
Horseshoe Hose Load	**S**	**U**	**S**	**U**
a) Laid hose on edge around the perimeter of the hose bed				
b) Made fold and laid hose back inside first section of hose				
c) Laid hose progressively inward until space is filled				
d) Started second layer, repeated horseshoe loading				
e) Added layers until all hose was loaded				
f) Finished hose load per AHJ procedures				
g) Performed skill in a safe and proficient manner				
Flat Hose Load	**S**	**U**	**S**	**U**
a) Placed first coupling in corner of hose bed				
b) Laid hose flat in front-to-back manner				
c) Folded hose back on itself and laid in opposite direction				
d) Repeated until hose covers hose bed				

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e) Started second layer, repeated flat loading				
f) Added layers until all hose is loaded				
g) Finished hose load per AHJ procedures				
h) Performed skill in a safe and proficient manner				

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HOSE – FFI-10
Loading Attack Hose

NFPA 1010, 2024 ed. **Preparedness and Maintenance**
6.5.2

JOB PERFORMANCE REQUIREMENTS
Clean, inspect and return fire hose to service, given washing equipment, water, detergent, tools, and replacement gaskets, so that damage is noted and corrected, the hose is clean, and the equipment is placed in a ready state for service. (6.5.2)

OBJECTIVE
The firefighter candidate, working with another team member, shall demonstrate loading three types of hose loads: Flat, Triple Layer, Minuteman.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Working with another team member, you shall properly demonstrate loading three types of hose loads:

1. Flat
2. Triple Layer
3. Minuteman

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Four (4) sections of 1½" or larger attack hose and nozzle
- Apparatus hose bed, or equivalent
- PPE appropriate for the skill

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Candidate:_____

Training Provider:_____

HOSE – FFI-10				
Loading Attack Hose				
The firefighter candidate, working with another team member, shall demonstrate loading three types of hose loads: Flat, Triple Layer, Minuteman.				
Flat Hose Load	**ATTEMPT 1**		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Attached the female coupling to the discharge outlet				
b) Laid first length of hose flat in bed against side wall				
c) Angled the hose to lay the next fold adjacent to the first fold and continued building the first tier				
d) Made a fold that extends approximately 8 inches beyond the load at a point that is approximately 1/3 the total length of the load				
e) Continued laying the hose in the same manner, building each tier with folds laid progressively across the bed				
f) Made a fold that extends approximately 14 inches beyond the load at a point that is approximately 2/3 the total length of the load				
g) Completed the hose load				
h) Attached the nozzle and placed it on top of the load				
i) Performed skill in a safe and proficient manner				
Triple Layer Hose Load	**ATTEMPT 1**		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Connected the female coupling to discharge outlet				
b) Extended the hose in a straight line on the ground pointing straight away from the hose bed/cross lay				
c) Picked up the hose 2/3 the distance from the discharge outlet to the nozzle, creating a fold				
d) Carried this fold back to the apparatus and placed it on the ground, forming three layers of hose				
e) Adjusted the hose so that the nozzle is short distance back from the fold (approximately 1')				

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f) Using several firefighters, picked up the entire length of folded hose				
g) Started by folding over the triple-folded hose into the hose bed				
h) Folded the triple-folded hose back onto itself at each end of the hose bed until all hose was loaded				
i) Left the nozzle on top and within reach				
j) Finished hose per AHJ procedure				
k) Performed skill in a safe and proficient manner				
Minuteman Hose Load	**ATTEMPT 1**		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Connected the first section of hose to the discharge outlet. Did not connect it to the other lengths of hose.				
b) Laid one layer of the connected hose flat in the hose bed with the remaining hose hanging out of the bed for connecting and loading later				
c) Coupled the remaining hose sections together				
d) Attached a nozzle to the male end				
e) Placed the nozzle on top of the first length at the rear				
f) Angled the hose to the opposite side of the bed and make a fold				
g) Laid the hose back to the rear.				
h) Made a fold at the rear of the hose bed				
i) Angled the hose back to the other side and make a fold at the front				
j) Continued loading the hose to alternating sides of the bed in the same manner until the complete length is loaded				
k) Connected the male coupling of the first section to the female coupling of the last section				
l) Laid the remainder of the first section in the bed in the same manner as the previous sections				
m) Performed skill in a safe and proficient manner				

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HOSE – FFI-11
Rolling Hose

NFPA 1010, 2024 ed. **Preparedness and Maintenance**
6.5.2

JOB PERFORMANCE REQUIREMENTS
Clean, inspect and return fire hose to service, given washing equipment, water, detergent, tools, and replacement gaskets, so that damage is noted and corrected, the hose is clean, and the equipment is placed in a ready state for service. (6.5.2)

OBJECTIVE
The firefighter candidate shall demonstrate four methods of hose rolls:

1. Donut
2. Twin Donut
3. Straight
4. Self-Locking Twin Donut

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall properly demonstrate four methods of hose rolls:

1. Donut
2. Twin Donut
3. Straight
4. Self-Locking Twin Donut

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Section of hose, 1½" diameter or larger
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

HOSE – FFI-11				
Rolling Hose				
The firefighter candidate shall demonstrate four methods of hose rolls: Donut, Twin Donut, Straight and Self-Locking Twin Donut.				
The candidate:	**ATTEMPT 1**		**ATTEMPT 2**	
Donut Roll	**S**	**U**	**S**	**U**
a) Laid hose flat in a straight line				
b) Started roll from a point 5 or 6' off center toward the male coupling				
c) Rolled hose toward female end				
d) Left space at center loop for carrying				
e) Extended short length of hose at female end over the male end to protect threads				
f) Performed skill in a safe and proficient manner				
Twin Donut Roll	**S**	**U**	**S**	**U**
a) Laid hose flat in two parallel lines				
b) Started roll by folding loop end				
c) Rolled both sections of hose simultaneously				
d) Inserted strap through center for carrying				
e) Performed skill in a safe and proficient manner				
Straight Roll	**S**	**U**	**S**	**U**
a) Laid hose flat in a straight line				
b) Began roll by folding over male coupling				
c) Rolled hose to the female coupling				
d) Laid completed roll on its side				
e) Tamped down protruding hose				
f) Performed skill in a safe and proficient manner				

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Self-Locking Twin Donut Roll	S	U	S	U
a) Laid hose flat in a straight line				
b) Brought male coupling alongside of female coupling				
c) Crossed hose at the loop end and created a carrying shoulder loop				
d) Brought loop back towards the couplings where the hose crosses				
e) Started rolling from loop end simultaneously				
f) Upon completion, positioned couplings on top of the roll				
g) Passed large loop over couplings and through the smaller loop				
h) Performed skill in a safe and proficient manner				

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LADDERS – FFI-1

Inspection and Maintenance Procedures for Ladders

NFPA 1010, 2024 ed. **Preparedness and Maintenance**
6.5.1

JOB PERFORMANCE REQUIREMENTS

Clean and check ladders, ventilation equipment, SCBA, ropes, salvage equipment, and hand tools, given cleaning tools, cleaning supplies, and an assignment, so that equipment is clean and maintained according to manufacturer's or departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise. (6.5.1)

OBJECTIVE

The firefighter candidate shall inspect ladders, so that the ladders are inspected according to manufacturer's or departmental guidelines and the ladders are placed in a ready state or reported otherwise.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE

You shall explain and demonstrate the proper techniques for the inspection of ladders.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

- One (1) 24' or 35' extension ladder
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

LADDERS – FFI-1				
Inspection and Maintenance Procedures for Ladders				
The firefighter candidate shall inspect ladders, so that the ladders are inspected according to manufacturer's or departmental guidelines and the ladders are placed in a ready state or reported otherwise.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Checked for signs of physical damage (cracks, splintering, warping, discoloration, bending, dents, etc.)				
b) Tested rungs for tightness by twisting them				
c) Checked for bent beams and rungs				
d) Checked halyard for frays, cuts or bunching				
e) Checked halyard for snugness and freedom of movement				
f) Checked for free-turning pulleys				
g) Checked heat sensor for signs of heat exposure				
h) Checked dogs or pawls for freedom of movement and operation				
i) Checked condition of guides and free movement of fly sections				
j) Checked rivets, welds, and bolted connections for tightness and defects				
k) Checked for any unusual wear				
l) Checked ladder for cleanliness				
m) Verbally stated that ladders should be inspected monthly and after each use				
n) Verbally stated ladder is ready for use or reported otherwise				
o) Performed skill in a safe and proficient manner				

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

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

LADDERS – FFI-2
Cleaning Ladders

NFPA 1010, 2024 ed. **Preparedness and Maintenance**
6.5.1

JOB PERFORMANCE REQUIREMENTS
Clean and check ladders, ventilation equipment, SCBA, ropes, salvage equipment, and hand tools, given cleaning tools, cleaning supplies, and an assignment, so that equipment is clean and maintained according to manufacturer or departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise. (6.5.1)

OBJECTIVE
The firefighter candidate shall clean and maintain ladders, so that the ladders are cleaned and maintained according to manufacturer's or departmental guidelines and the ladders are placed in a ready state or reported otherwise.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall verbally explain and demonstrate the proper technique for cleaning fire service ladders. You shall verbalize each step as it is being performed.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- One (1) 24' or 35' extension ladder
- Manufacturer approved cleaning agent
- Manufacturer approved cleaning equipment
- Waterproof grease
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

LADDERS – FFI-2				
Cleaning Ladders				
The firefighter candidate shall clean and maintain ladders, so that the ladders are cleaned and maintained according to manufacturer's or departmental guidelines and the ladders are placed in a ready state or reported otherwise.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Thoroughly removed dirt from ladder with soapy water and a brush				
b) Examined all braces, slides, stop locks, halyards, rivets, pulleys, and moveable parts				
c) Checked lubrication of moveable parts				
d) Made notation of any loose parts, cracks, dry rot, or unusual wear				
e) Thoroughly dried the ladder and lubricated with waterproof grease				
f) Verbally stated ladder is ready for use or reported otherwise				
g) Performed skill in a safe and proficient manner				

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LADDERS – FFI-3
Rescuing a Conscious Person

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.9

JOB PERFORMANCE REQUIREMENTS
Conduct a search and rescue in a structure operating as a member of a team, given an assignment, obscured vision conditions, personal protective equipment, a flashlight, forcible entry tools, hoselines, and ladders when necessary, so that ladders are correctly placed when used, all assigned areas are searched, all victims are located and removed, team integrity is maintained, and team members' safety – including respiratory protection – is not compromised. (6.3.9)

OBJECTIVE
The firefighter candidate shall climb a ladder and rescue a conscious person so that the person is brought safely down the ladder.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given an above grade rescue scenario and while working as a member of a team, you shall demonstrate the proper climbing technique while assisting a conscious person down the ladder.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
This skill is evaluating the individual candidate rescuing a victim down a ladder. The other members of the team are there to support the candidate (i.e. heeler, victim assistance).

It is recommended that you have a safety team located above, belaying the victim from a highpoint tether or equivalent.

PREPARATION & EQUIPMENT
- A selection of ground ladders
- Person or rescue manikin
- PPE appropriate for the skill
- Safety team with belay equipment, if required

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

LADDERS – FFI-3				
Rescuing a Conscious Person				
The firefighter candidate shall climb a ladder and rescue a conscious person so that the person is brought safely down the ladder.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Made verbal contact with person and attempted to calm them down				
b) Set up appropriate ladder for scenario in a method approved by AHJ				
c) With the ladder in place, checked proper climbing angle and ensured the ladder is secure				
d) Climbed the ladder to meet the person and instructed the person onto the ladder				
e) As soon as the person is on the ladder, placed arms under the armpits of the person and placed knee between the person's legs for support				
f) Continued to communicate with the person throughout rescue				
g) Performed skill in a safe and proficient manner				

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LADDERS – FFI-4
Rescuing an Unconscious Person

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.9

JOB PERFORMANCE REQUIREMENTS
Conduct a search and rescue in a structure operating as a member of a team, given an assignment, obscured vision conditions, personal protective equipment, a flashlight, forcible entry tools, hoselines, and ladders when necessary, so that ladders are correctly placed when used, all assigned areas are searched, all victims are located and removed, team integrity is maintained, and team members' safety - including respiratory protection - is not compromised. (6.3.9)

OBJECTIVE
The firefighter candidates shall climb a ladder and rescue an unconscious person so that the person is brought safely down the ladder.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given an above grade rescue scenario and while working as a member of a team, you shall demonstrate the proper climbing technique while assisting a conscious person down the ladder.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
This skill is evaluating two individual candidates rescuing a victim down a ladder. The other members of the team are there to support the candidate (i.e. heeler).

It is recommended that you have a safety team located above, belaying the victim from a highpoint tether or equivalent.

PREPARATION & EQUIPMENT
- A selection of ground ladders
- Person or rescue manikin
- PPE appropriate for the skill
- Safety team with belay equipment, if required

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Candidate:_____

Training Provider:_____

LADDERS – FFI-4				
Rescuing an Unconscious Person				
The firefighter candidates shall climb a ladder and rescue an unconscious person so that the person is brought safely down the ladder.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidates:	**S**	**U**	**S**	**U**
a) Set up appropriate ladder for scenario in a method approved by AHJ				
b) With the ladder in place, checked proper climbing angle and ensured the ladder is secure				
Candidate 1: _____	**S**	**U**	**S**	**U**
a) Climbed the ladder, entered the structure, and began preparing the victim for rescue down the ladder				
b) Effectively moved the victim to the ladder and into the hands of Candidate 2, keeping the victim's back towards the ladder				
c) Performed skill in a safe and proficient manner				
Candidate 2: _____	**S**	**U**	**S**	**U**
a) Climbed to the top of the ladder				
b) Placed hands in a position so that the victim's movement will be controlled, and bent a knee at a 90° angle on a rung in preparation to receive the victim				
c) Received the victim from Candidate 1 and began a controlled descent				
d) Kept the victim straddled on their knee and the victim's arms over the firefighter's arms				
e) Brought the victim down one rung at a time, supporting victim during descent				
f) Performed skill in a safe and proficient manner				

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LADDERS – FFI-5
Rescuing an Unconscious Child or Small Adult

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.9

JOB PERFORMANCE REQUIREMENTS
Conduct a search and rescue in a structure operating as a member of a team, given an assignment, obscured vision conditions, personal protective equipment, a flashlight, forcible entry tools, hoselines, and ladders when necessary, so that ladders are correctly placed when used, all assigned areas are searched, all victims are located and removed, team integrity is maintained, and team members' safety - including respiratory protection - is not compromised. (6.3.9)

OBJECTIVE
The firefighter candidates shall climb a ladder and rescue an unconscious child so that the child is brought safely down the ladder.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given an above grade rescue scenario, you shall demonstrate the proper climbing technique while rescuing an unconscious child or small adult down the ladder.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
This skill is evaluating two individual candidates rescuing a victim down a ladder. The other members of the team are there to support the candidate (i.e. heeler).

It is recommended that you have a safety team located above, belaying the victim from a highpoint tether or equivalent.

PREPARATION & EQUIPMENT
- A selection of ground ladders
- Team member
- Person or rescue manikin, per AHJ
- PPE appropriate for the skill

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Candidate:_____

Training Provider:_____

LADDERS – FFI-5				
Rescuing an Unconscious Child or Small Adult				
The firefighter candidates shall climb a ladder and rescue an unconscious child so that the child is brought safely down the ladder.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidates:	**S**	**U**	**S**	**U**
a) Set up appropriate ladder for scenario in a method approved by AHJ				
b) With the ladder in place, checked proper climbing angle and ensured the ladder is secure				
Candidate 1: _____	**S**	**U**	**S**	**U**
a) Climbed the ladder and began preparing the victim for rescue down the ladder				
b) Moved victim to ladder and across the arms of Candidate 2				
c) Performed skill in a safe and proficient manner				
Candidate 2: _____	**S**	**U**	**S**	**U**
a) Climbed to the top of the ladder				
b) Placed hands on the beams of the ladder in preparation to receive victim				
c) Received the victim from Candidate 1 and began a controlled descent				
d) Brought the victim down, keeping their arms level and sliding their hands down the beams				
e) Performed skill in a safe and proficient manner				

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LADDERS – FFI-6
Rescuing an Unconscious Large Adult

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.9

JOB PERFORMANCE REQUIREMENTS
Conduct a search and rescue in a structure operating as a member of a team, given an assignment, obscured vision conditions, personal protective equipment, a flashlight, forcible entry tools, hoselines, and ladders when necessary, so that ladders are correctly placed when used, all assigned areas are searched, all victims are located and removed, team integrity is maintained, and team members' safety - including respiratory protection - is not compromised. (6.3.9)

OBJECTIVE
The firefighter candidates shall climb a ladder and rescue an unconscious large adult so that the person is brought safely down the ladder.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given an above grade rescue scenario and while working as a team, you shall demonstrate the proper climbing technique while rescuing an unconscious large adult down ladder.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
This skill is evaluating three or more individual candidates rescuing a victim down a ladder. Each candidate will be evaluated on the performance of their assigned role. The other members of the team are there to support the candidates (i.e. heeler).

It is recommended that you have a safety team located above, belaying the victim from a highpoint tether or equivalent.

PREPARATION & EQUIPMENT
- A selection of ground ladders
- Person or rescue manikin, per AHJ
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

LADDERS – FFI-6				
Rescuing an Unconscious Large Adult				
The firefighter candidates shall climb a ladder and rescue an unconscious large adult so that the person is brought safely down the ladder.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidates:	**S**	**U**	**S**	**U**
a) Set up appropriate ladders for scenario in a method approved by AHJ				
b) With the ladders in place, checked proper climbing angle and ensured the ladder is secure				
c) One or more candidates climbed the ladders and began preparing the victim for rescue down the ladder				
d) Two additional candidates climbed to the top of the ladders and placed hands on the beams of the ladders				
e) Candidates lifted the victim onto the ladders and across the arms of candidates				
f) Candidates on the ladders brought the victim down while keeping their arms level and sliding their hands down the beams				
g) Candidates communicated effectively with each other during the evaluation				
h) Performed skill in a safe and proficient manner				

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LADDERS – FFI-7
Working Off Ground Ladders with Tools

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.6

JOB PERFORMANCE REQUIREMENTS
Set up, mount, ascend, dismount, and descend ground ladders, given single and extension ladders, an assignment, and team members if needed, so that hazards are assessed, the ladder is stable, the angle is correct for climbing, extension ladders are extended to the necessary height with the fly locked, the top is placed against a reliable structural component, and the assignment is accomplished. (6.3.6)

OBJECTIVE
The firefighter candidate, without a life safety belt, shall demonstrate the technique of working from a ground ladder with a firefighting tool.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given a designated ladder, you shall demonstrate the techniques of working off a ground ladder with a firefighting tool. You shall climb to a height of approximately 8 feet. Prior to climbing, you shall check for proper angle of inclination. After reaching the appropriate height, you shall apply a leg lock and demonstrate working by making four (4) simulated motions with the tool.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.6 – The firefighter should be able to accomplish this task with each type and length of ground ladder carried by the department.

PREPARATION & EQUIPMENT
- One (1) 14-ft. fire service ladder (or greater)
- One (1) firefighting hand tool
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

LADDERS – FFI-7				
Working Off Ground Ladders with Tools				
The firefighter candidate, without a life safety belt, shall demonstrate the technique of working from a ground ladder with a firefighting tool.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Checked the ladder for proper climbing angle				
b) Climbed the ladder smoothly with a tool in one hand and the other hand sliding underneath the beam				
c) Secured the body to the ladder utilizing a proper leg lock method				
d) Appeared stable while making at least four simulated motions with the tool				
e) Dismounted leg lock and descended ladder				
f) Performed skill in a safe and proficient manner				

S = Satisfactorily completed/performed
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LADDERS – FFI-8
Low Shoulder Carry, Right-Angle Raise of a Single Ladder

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.6

JOB PERFORMANCE REQUIREMENTS
Set up, mount, ascend, dismount and descend ground ladders, given single and extension ladders, an assignment, and team members if needed, so that hazards are assessed, the ladder is stable, the angle is correct for climbing, extension ladders are extended to the necessary height with the fly locked, the top is placed against a reliable structural component, and the assignment is accomplished. (6.3.6)

OBJECTIVE
The firefighter candidate shall carry, position, and raise a 14’ straight or wall ladder using a low shoulder carry, right-angle raise.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Using a low shoulder carry, you shall pick up and carry a single ladder to a designated point at the structure. Using a right-angle [*specify flat or beam*] raise, you shall raise the ladder to a single-story roof or its equivalent. You shall verbalize the mandatory steps while performing this skill.

You will begin on my instruction to start. The skill will end when you indicate that the ladder is suitable for climbing. Do you understand these instructions?

INSTRUCTOR NOTE
Instructor must verify that students demonstrate both flat and beam raise methods.

Annex A.6.3.6 – The firefighter should be able to accomplish this task with each type and length of ground ladder carried by the department.

PREPARATION & EQUIPMENT
- One (1) 14’ fire service ladder (or greater)
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

LADDERS – FFI-8				
Low Shoulder Carry, Right-Angle Raise of a Single Ladder				
The firefighter candidate shall carry, position, and raise a 14' straight or wall ladder using a low shoulder carry, right-angle raise.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Standing next to the ladder, lifted and carried the ladder to the designated point at the structure using the low shoulder method with the ladder butt to the front and slightly lowered				
b) Checked for obstructions, verbalized that the area is clear of overhead obstructions, and then placed butt in proper position. [The verbalization must be performed prior to raising the ladder.]				
c) Performed the designated right-angle raise				
d) While maintaining control of the ladder, pivoted the ladder, if necessary, and lowered the ladder into place				
e) Checked for proper angle of inclination and verbally indicated that the ladder is suitable for climbing				
f) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

LADDERS – FFI-9
Two-Firefighter Low Shoulder Carry, Right-Angle Flat Raise
of a 24’ Extension Ladder

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.6

JOB PERFORMANCE REQUIREMENTS
Set up, mount, ascend, dismount, and descend ground ladders, given single and extension ladders, an assignment, and team members if needed, so that hazards are assessed, the ladder is stable, the angle is correct for climbing, extension ladders are extended to the necessary height with the fly locked, the top is placed against a reliable structural component, and the assignment is accomplished. (6.3.6)

OBJECTIVE
The firefighter candidate, operating as a member of a team, shall carry, position, and raise a 24’ extension ladder using a low shoulder carry, right-angle flat raise.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Using a two-firefighter low shoulder carry, while working as a member of a team, you shall pick up and carry a 24’ extension ladder to a designated point at the structure. You shall raise the ladder to a two-story window or its equivalent. You shall be positioned at the butt end of ladder for this evaluation. You shall verbalize the mandatory steps while performing this skill. When you have reached your destination, you and your team member shall raise the ladder using the right-angle flat raise. You shall only communicate with the other team member to ensure the ladder is properly carried, raised, and extended.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.6 – The firefighter should be able to accomplish this task with each type and length of ground ladder carried by the department.

PREPARATION & EQUIPMENT
- 24’ extension ladder
- Training tower, minimum of 2 stories in height
- PPE appropriate for the skill

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Candidate:_____

Training Provider:_____

LADDERS – FFI-9				
Two-Firefighter Low Shoulder Carry, Right-Angle Flat Raise of a 24' Extension Ladder				
The firefighter candidate, operating as a member of a team, shall carry, position, and raise a 24' extension ladder using a low shoulder carry, right-angle flat raise.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Standing next to the ladder at the butt end, verbalized a command to shoulder the ladder				
b) Placed hand over the butt spur; carried ladder to a designated point at the structure; checked for and verbalized the area is clear of overhead obstructions on approach to building; spotted the ladder and placed the butt of both beams on the ground. [The verbalization must be performed prior to raising the ladder.]				
c) Heeled the ladder by standing on the bottom rung and verbalized a command to raise the ladder				
d) Faced the other team member and pivoted the ladder, if necessary, to set the fly out (or as stated in manufacturer's recommendation); then extended the fly to the proper distance and engaged the pawls				
e) After lowering the ladder into place, checked for proper climbing angle and fly extension, and adequate structural support at tip				
f) Secured the halyard to the rung(s) in a manner that will prevent the fly from slipping and that will prevent anyone from tripping while climbing; then verbalized that the ladder is suitable for climbing				
g) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

LADDERS – FFI-10
Two-Firefighter Low Shoulder Carry, Right-Angle Beam Raise
of a 24’ Extension Ladder

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.6

JOB PERFORMANCE REQUIREMENTS
Set up, mount, ascend, dismount, and descend ground ladders, given single and extension ladders, an assignment, and team members if needed, so that hazards are assessed, the ladder is stable, the angle is correct for climbing, extension ladders are extended to the necessary height with the fly locked, the top is placed against a reliable structural component, and the assignment is accomplished. (6.3.6)

OBJECTIVE
The firefighter candidate, operating as a member of a team, shall carry, position, and raise a 24’ extension ladder using a low shoulder carry, right-angle beam raise.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Using a two-firefighter low shoulder carry, while working as a member of a team, you shall pick up and carry a 24’ extension ladder to a designated point at the structure . You shall raise the ladder to a two-story window or its equivalent. You shall be positioned at the butt of the ladder for the evaluation. You shall verbalize the mandatory steps while performing this skill. When you have reached your destination, you and your team member shall raise the ladder using a right-angle beam raise. You shall only communicate with the other team member to ensure the ladder is properly carried, raised, and extended.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.6 – The firefighter should be able to accomplish this task with each type and length of ground ladder carried by the department.

PREPARATION & EQUIPMENT
- 24’ extension ladder
- Training tower, minimum of 2 stories in height
- PPE appropriate for the skill

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Candidate:_____

Training Provider:_____

LADDERS – FFI-10				
Two-Firefighter Low Shoulder Carry, Right-Angle Beam Raise of a 24' Extension Ladder				
The firefighter candidate, operating as a member of a team, shall carry, position, and raise a 24' extension ladder using a low shoulder carry, right-angle beam raise.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Standing next to the ladder at the butt end, verbalized a command to shoulder the ladder				
b) Placed hand over the butt spur, carried ladder to a designated point at the structure; checked for obstructions and verbalized the area is clear of overhead obstructions on approach to the building; spotted the ladder and placed butt of one beam on the ground. [The verbalization must be performed prior to raising the ladder.]				
c) Heeled the ladder and verbalized a command to raise the ladder				
d) Faced the other team member and pivoted the ladder to set the fly out (or as stated in the manufacturer's recommendation). Extended the fly to the proper distance and engages the pawls.				
e) After lowering the ladder into place, checked for proper climbing angle and fly extension, and adequate structural support at tip.				
f) Secured the halyard to the rung(s) in a manner that will prevent the fly from slipping and that will prevent anyone from tripping while climbing; then verbalized that the ladder is suitable for climbing				
g) Performed skill in a safe and proficient manner				

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

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

LADDERS – FFI-11
Two-Firefighter Low Shoulder Carry, Flat Parallel Raise
of a 24’ Extension Ladder

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.6

JOB PERFORMANCE REQUIREMENTS
Set up, mount, ascend, dismount, and descend ground ladders, given single and extension ladders, an assignment, and team members if needed, so that hazards are assessed, the ladder is stable, the angle is correct for climbing, extension ladders are extended to the necessary height with the fly locked, the top is placed against a reliable structural component, and the assignment is accomplished. (6.3.6)

OBJECTIVE
The firefighter candidate, operating as a member of a team, shall carry, position, and raise a 24’ extension ladder using a low shoulder carry, flat parallel raise.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Using a two-firefighter low shoulder carry, while working as a member of a team, you shall pick up and carry a 24’ extension ladder to a designated point at the structure. You shall raise the ladder to a two-story window or its equivalent. You shall be positioned at the butt end of ladder for this evaluation. You shall verbalize the mandatory steps while performing this skill. When you have reached your destination, you and your team member shall raise the ladder using the flat parallel raise. You shall only communicate with the other team member to ensure the ladder is properly carried, raised, and extended.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.6 – The firefighter should be able to accomplish this task with each type and length of ground ladder carried by the department.

PREPARATION & EQUIPMENT
- 24’ extension ladder
- Training tower, minimum of 2 stories in height
- PPE appropriate for the skill

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Candidate:_____

Training Provider:_____

LADDERS – FFI-11				
Two-Firefighter Low Shoulder Carry, Flat Parallel Raise of a 24' Extension Ladder				
The firefighter candidate, operating as a member of a team, shall carry, position, and raise a 24' extension ladder using a low shoulder carry, flat parallel raise.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Stood next to the ladder at the butt, verbalized a command to shoulder the ladder. Both individuals, as they stand, used leg muscles to lift the ladder.				
b) Placed hand over butt spur; carried ladder to a designated point at the structure; checked for obstructions and verbalized that area is clear of obstructions on approach to building; spotted the ladder, placed the butt on the ground and turned the ladder flat. [The verbalization must be performed prior to raising the ladder.]				
c) Heeled the ladder by standing on the bottom rung or butt spurs, crouched down to grasp a convenient rung or the beams with both hands, leaned back and verbalized a command to raise the ladder				
d) Faced the other member and pivots the ladder to set the fly out (or as stated in the manufacturer's recommendation). Extended the fly to the proper distance and engaged pawls.				
e) After lowering the ladder into place, checked for proper climbing angle and fly extension, and adequate structural support at tip				
f) Secured the halyard to the rung(s) in a manner that will prevent the fly from slipping and that will prevent anyone from tripping while climbing; then verbalized that the ladder is suitable for climbing				
g) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

LADDERS – FFI-12
Carry, Hoist, and Secure a Roof Ladder

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.12

JOB PERFORMANCE REQUIREMENTS
Perform vertical ventilation on a structure as part of a team, given an assignment, PPE, ground and roof ladders, and tools, so that ladders are positioned for ventilation, a specified opening is created, all ventilation barriers are removed, structural integrity is not compromised, products of combustion are released from the structure, and the team retreats from the area when ventilation is accomplished. (6.3.12)

OBJECTIVE
The firefighter candidate shall carry, hoist, and secure a roof ladder onto a structure with a pitched roof.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given an existing raised extension ladder, you shall carry, hoist, and secure a roof ladder onto a structure with a pitched roof.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- 14’ roof ladder (or greater)
- 24’ extension ladder (or greater)
- Pitched roof or simulator
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

LADDERS – FFI-12				
Carry, Hoist, and Secure a Roof Ladder				
The firefighter candidate shall carry, hoist and secure a roof ladder onto a structure with a pitched roof.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Carried the roof ladder, tip first, to the extension ladder placed at the structure				
b) Set the roof ladder on the ground near the extension ladder to be ascended and opened the hooks				
c) Tilted the roof ladder up so that it rests against the extension ladder, with the hooks facing outward				
d) Climbed the extension ladder until the candidate's shoulder is about two rungs above midpoint of the roof ladder				
e) Reached through the rungs of the roof ladder and hoisted it onto the candidate's shoulder				
f) Climbed to the top of the extension ladder, and used a leg lock or life safety harness to lock into the ladder				
g) Took the roof ladder off the shoulder				
h) Used a hand-over-hand method to push the roof ladder onto the roof, per AHJ				
i) Pushed the roof ladder up the roof until the hooks go over the edge of the peak				
j) Pulled the roof ladder back down so the hooks engaged solidly over the peak				
k) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

LADDERS – FFI-13
Three-Firefighter Flat Shoulder Carry, Right-Angle Flat Raise
of a 35’ Extension Ladder

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.6

JOB PERFORMANCE REQUIREMENTS
Set up, mount, ascend, dismount, and descend ground ladders, given single and extension ladders, an assignment, and team members if needed, so that hazards are assessed, the ladder is stable, the angle is correct for climbing, extension ladders are extended to the necessary height with the fly locked, the top is placed against a reliable structural component, and the assignment is accomplished. (6.3.6)

OBJECTIVE
The firefighter candidate, operating as a member of a team, shall carry, position, and raise a 35’ extension ladder using a flat shoulder carry, right-angle flat raise.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Using a three-firefighter flat shoulder carry, while working as a member of a team, you shall pick up a 35-ft. extension ladder and carry it to a designated point at the structure. Using a right-angle flat raise, you shall raise the ladder to a three-story window or its equivalent. You shall be required to verbalize key steps and complete the mandatory steps while performing this skill. You shall raise the ladder without laying the ladder on the ground. You shall be required to set the ladder with at least three rungs inside the third story window or its equivalent. You shall be positioned at the butt end of the ladder for this evaluation. You shall only communicate with the other team members to ensure the ladder is properly carried, raised, and extended.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- 35’ extension ladder
- Training tower, minimum of 2 stories in height
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

LADDERS – FFI-13				
Three-Firefighter Flat Shoulder Carry, Right-Angle Flat Raise of a 35' Extension Ladder				
The firefighter candidate, operating as a member of a team, shall carry, position, and raise a 35' extension ladder using a flat shoulder carry, right-angle flat raise.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Positioned firefighters: Two kneel on one side of ladder, one at either end, facing tip. The third kneels on opposite side at midpoint, also facing the tip.				
b) Kneeling next to the ladder at the butt end, verbalized a command to shoulder the ladder. [All individuals stand, using leg muscles to lift the ladder.]				
c) Placed hand over butt spur; carried ladder to a designated point at the structure; checked for obstructions on the approach to building; verbalized the area is clear of overhead obstructions; spotted the ladder and placed butt of both beams on the ground. [The verbalization must be performed prior to raising.]				
d) The candidate being evaluated heeled the ladder by standing on the bottom rung or butt spurs and verbalized a command to raise the ladder; crouched down to grasp either a convenient rung or the beams with both hands and leaned back to help raise ladder				
e) Faced the other team members and pivoted ladder to set fly out (or as manufacturer's recommendation), candidate extended the fly, engaged pawls				
f) Secured the halyard to the rung(s) in a manner that will prevent the fly from slipping and that will prevent anyone from tripping while climbing; and assisted other team members with lowering ladder into place				
g) Checked for proper climbing angle and fly extension. Verbalized that the ladder is suitable for climbing.				
h) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

LADDERS – FFI-14
Operate an Attic Ladder

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.6

JOB PERFORMANCE REQUIREMENTS
Set up ground ladders, given single and extension ladders, an assignment, and team members if needed, so that hazards are assessed, the ladder is stable, the angle is correct for climbing, extension ladders are extended to the necessary height with the fly locked, the top is placed against a reliable structural component, and the assignment is accomplished. (6.3.6)

OBJECTIVE
The firefighter candidate shall carry, position, and raise a folding/attic ladder.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall pick up and carry a folding/attic ladder to a designated point at the structure. You shall raise the ladder to an interior ceiling opening or its equivalent. You shall be required to verbalize and complete mandatory steps while performing this skill.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- 10’ folding ladder
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

LADDERS – FFI-14				
Operate an Attic Ladder				
The firefighter candidate shall carry, position, and raise a folding/attic ladder.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Standing next to the ladder, lifted and carried the ladder in the closed position, tip forward				
b) Carried the ladder to the interior ceiling opening or its equivalent				
c) Checked for obstructions, verbalized that the area is clear of overhead obstructions, and then placed butt in proper position. [The verbalization must be performed prior to raising the ladder.]				
d) While maintaining control of the ladder, pivoted the ladder, if necessary, and lowered the ladder into place				
e) Checked for proper climbing angle, engaged any necessary ladder locks, and verbalized that the ladder is suitable for climbing				
f) Performed skill in a safe and proficient manner				

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LADDERS – FFI-15
Securing a Ladder

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.6

JOB PERFORMANCE REQUIREMENTS
Set up, mount, ascend, dismount, and descend ground ladders, given single and extension ladders, an assignment, and team members if needed, so that hazards are assessed, the ladder is stable, the angle is correct for climbing, extension ladders are extended to the necessary height with the fly locked, the top is placed against a reliable structural component, and the assignment is accomplished. (6.3.6)

OBJECTIVE
The firefighter candidate shall secure a ladder to a stationary object.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall select an appropriate securing device and properly secure the ladder, at either the base or tip, to a stationary object.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Instructor should ensure that candidate demonstrates both methods of securing ladder to a stationary object. Instructor should shake/vibrate ladder to test securing method.

Annex A.6.3.6 – The firefighter should be able to accomplish this task with each type and length of ground ladder carried by the department.

PREPARATION & EQUIPMENT
- 14’ ladder (or greater)
- ½” diameter utility rope, 1” flat or tubular webbing, or equivalent
- Hose strap, rope, or chain
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

LADDERS – FFI-15				
Securing a Ladder				
The firefighter candidate shall secure a ladder to a stationary object.				
The candidate:	**ATTEMPT 1**		**ATTEMPT 2**	
Secure Tip of Ladder	**S**	**U**	**S**	**U**
a) Checked proper climbing angle				
b) Secured the rope or webbing to the tip of the ladder				
c) Secured the rope or webbing to a stationary object				
d) Tied appropriate knot on ladder such that when ladder is vibrated, the knot does not loosen or allow the ladder to pull more than approximately six inches (6”) from the stationary object				
e) Performed skill in a safe and proficient manner				
Secure Base of Ladder	**S**	**U**	**S**	**U**
a) Checked proper climbing angle				
b) Secured the rope or webbing to the base of the ladder				
c) Secured the rope or webbing to a stationary object				
d) Tied appropriate knot on ladder such that when ladder is vibrated, the knot does not loosen or allow the ladder to pull more than approximately six inches (6”) from the stationary object				
e) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

LIVE FIRE – FFI-1
Grade Level Structure Fire

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.10

JOB PERFORMANCE REQUIREMENTS
Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control. (6.3.10)

OBJECTIVE
The firefighter candidate, operating as a member of team, shall attack and suppress a grade level interior structure fire. The candidate shall also replace a burst section of hose.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Operating as a member of a team, you shall demonstrate the proper technique for suppressing a grade level interior structure fire using the direct, indirect, or combination attack methods of extinguishment. You shall use a 1½" or 1¾" charged attack hoseline for this skill. You shall replace a burst section of hose during the scenario. I will indicate to you which section of hose to replace.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
A simulated section of burst hose will be replaced.

Annex A.6.3.10 – The Firefighter I should be proficient in the various attack approaches for room and contents fires at three different levels (at grade, above grade, and below grade). Maintenance of body posture in the standard refers to staying low during initial attack, protecting oneself from falling objects, and otherwise using common sense given the state of the fire's growth or suppression. Live fire evolutions should be conducted in accordance with the requirements of NFPA 1403. It is further recommended that prior to involvement in live fire evolutions, the firefighter demonstrate the use of SCBA in smoke and elevated temperature conditions. In areas where environmental or other concerns restrict the use of Class A fuels for training evolutions, properly installed and monitored gas-fueled fire simulators might be substituted.

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PREPARATION & EQUIPMENT

- Enough 1½" or 1¾" charged attack lines for the scenario
- Additional 1½" or 1¾" hose for burst section scenario
- Nozzles appropriate for the hoses
- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system
- Class A fuel for live burns, such as hay
- Multilevel burn building as recommended in NFPA 1402: Standard on Facilities for Fire Training and Associated Props
- Hose clamp or gated wye appliance
- Hand tools
- All needed support equipment and personnel for the scenario

The candidate shall accomplish the skill wearing **"FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS"** as required by the Texas Commission on Fire Protection to include helmet, hood, gloves, coat, trousers, boots, and SCBA.

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

LIVE FIRE – FFI-1				
Grade Level Structure Fire				
The firefighter candidate, operating as a member of team, shall attack and suppress a grade level interior structure fire. The candidate shall also replace a burst section of hose.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Performed a 360° size-up to identify safety hazards				
b) Recognized and managed hazards				
c) Deployed 1½" or 1¾" attack hose				
d) Bled air from hose and checked flow and pattern				
e) Advanced hose for fire attack				
f) Gained access into the fire area				
g) Used appropriate attack techniques for a grade level fire				
h) Stayed low during initial attack				
i) Applied water using appropriate direct, indirect, and/or combination attacks				
j) Used effective water application practices				
k) Extinguished fire				
l) Prevented water hammer when closing nozzle				
m) Located and suppressed interior wall and/or subfloor fires; hidden fires are located and controlled				
n) Replaced burst hose section(s) as directed				
o) Carried hose as necessary and coupled/uncoupled hose connections as necessary				
p) Maintained situational awareness during skill				
q) Maintained team integrity				
r) Performed skill in a safe and proficient manner				

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LIVE FIRE – FFI-2
Above-Grade Level Structure Fire

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.10

JOB PERFORMANCE REQUIREMENTS
Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control. (6.3.10)

OBJECTIVE
The firefighter candidate, operating as a member of team, shall advance a hoseline up a ladder, attack and suppress an above-grade level interior structure fire.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Operating as a member of a team, you shall demonstrate the proper technique for suppressing an above-grade level interior structure fire using the direct, indirect, or combination attack methods of extinguishment. You shall use a 1½" or 1¾" charged attack hoseline for this skill. You shall advance the hoseline up a ladder for fire attack.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
The fire attack must be made after advancing a hoseline up a ladder.

Annex A.6.3.10 – The Firefighter I should be proficient in the various attack approaches for room and contents fires at three different levels (at grade, above grade, and below grade). Maintenance of body posture in the standard refers to staying low during initial attack, protecting oneself from falling objects, and otherwise using common sense given the state of the fire's growth or suppression. Live fire evolutions should be conducted in accordance with the requirements of NFPA 1403. It is further recommended that prior to involvement in live fire evolutions, the firefighter demonstrate the use of SCBA in smoke and elevated temperature conditions. In areas where environmental or other concerns restrict the use of Class A fuels for training evolutions, properly installed and monitored gas-fueled fire simulators might be substituted.

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PREPARATION & EQUIPMENT

- Enough 1½" or 1¾" charged attack hose for the scenario
- Nozzles appropriate for the hose(s)
- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system
- Class A fuel for live burns, such as hay
- Multilevel burn building as recommended in NFPA 1402: Standard on Facilities for Fire Training and Associated Props
- Ladder appropriate for the skill
- Webbing or hose strap
- Hand tools
- All needed support equipment and personnel for the scenario

The candidate shall accomplish the skill wearing **"FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS"** as required by the Texas Commission on Fire Protection to include helmet, hood, gloves, coat, trousers, boots, and SCBA.

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

LIVE FIRE – FFI-2				
Above-Grade Level Structure Fire				
The firefighter candidate, operating as a member of team, shall advance a hoseline up a ladder, attack and suppress an above-grade level interior structure fire.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Performed a 360° size-up to identify safety hazards				
b) Recognized and managed hazards				
c) Deployed 1½" or 1¾" attack hose				
d) Bled air from hose and checked flow and pattern				
e) Advanced hose up a ladder for fire attack				
f) Gained access into the fire area				
g) Used appropriate attack techniques for an above-grade level fire				
h) Stayed low during initial attack				
i) Applied water using appropriate direct, indirect, and/or combination attacks				
j) Used effective water application practices				
k) Extinguished fire				
l) Prevented water hammer when closing nozzle				
m) Located and suppressed interior wall and/or subfloor fires; hidden fires are located and controlled				
n) Carried hose as necessary				
o) Maintained situational awareness during skill				
p) Maintained team integrity				
q) Performed skill in a safe and proficient manner				

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

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

LIVE FIRE – FFI-3
Below-Grade Level Structure Fire

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.10

JOB PERFORMANCE REQUIREMENTS
Attack an interior structure fire operating as a member of a team, given an attack line, ladders when needed, personal protective equipment, tools, and an assignment, so that team integrity is maintained, the attack line is deployed for advancement, ladders are correctly placed when used, access is gained into the fire area, effective water application practices are used, the fire is approached correctly, attack techniques facilitate suppression given the level of the fire, hidden fires are located and controlled, the correct body posture is maintained, hazards are recognized and managed, and the fire is brought under control. (6.3.10)

OBJECTIVE
The firefighter candidate, operating as a member of team, shall attack and suppress a below-grade level interior structure fire. The candidate shall also extend a hoseline.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Operating as a member of a team, you shall demonstrate the proper technique for suppressing a below-grade level interior structure fire using the direct, indirect, or combination attack methods of extinguishment. You shall use a 1½" or 1¾" charged attack hoseline for this skill. You shall be required to extend a hoseline. I will indicate to you which hoseline to extend.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
A hoseline must be extended.

Annex A.6.3.10 – The Firefighter I should be proficient in the various attack approaches for room and contents fires at three different levels (at grade, above grade, and below grade). Maintenance of body posture in the standard refers to staying low during initial attack, protecting oneself from falling objects, and otherwise using common sense given the state of the fire's growth or suppression. Live fire evolutions should be conducted in accordance with the requirements of NFPA 1403. It is further recommended that prior to involvement in live fire evolutions, the firefighter demonstrate the use of SCBA in smoke and elevated temperature conditions. In areas where environmental or other concerns restrict the use of Class A fuels for training evolutions, properly installed and monitored gas-fueled fire simulators might be substituted.

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PREPARATION & EQUIPMENT

- Enough 1½" or 1¾" charged attack lines for the scenario
- Additional 1½" or 1¾" hose for extending a line scenario
- Nozzles appropriate for the hoses
- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system
- Class A fuel for live burns, such as hay
- Multilevel burn building as recommended in NFPA 1402: Standard on Facilities for Fire Training and Associated Props
- Hose clamp or gated wye appliance
- Hand tools
- All needed support equipment and personnel for the scenario

The candidate shall accomplish the skill wearing **"FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS"** as required by the Texas Commission on Fire Protection to include helmet, hood, gloves, coat, trousers, boots, and SCBA.

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Candidate:_____

Training Provider:_____

LIVE FIRE – FFI-3				
Below-Grade Level Structure Fire				
The firefighter candidate, operating as a member of team, shall attack and suppress a below-grade level interior structure fire. The candidate shall also extend a hoseline.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Performed a 360° size-up to identify safety hazards				
b) Recognized and managed hazards				
c) Deployed 1½" or 1¾" attack hose				
d) Bled air from hose and checked flow and pattern				
e) Advanced hose down interior stairs for fire attack				
f) Gained access into the fire area				
g) Used appropriate attack techniques for a below-grade level fire				
h) Stayed low during initial attack				
i) Applied water using appropriate direct, indirect, and/or combination attacks				
j) Used effective water application practices				
k) Extinguished fire				
l) Prevented water hammer when closing nozzle				
m) Located and suppressed interior wall and/or subfloor fires; hidden fires are located and controlled				
n) Extended hoseline as directed				
o) Carried hose as necessary and coupled/uncoupled hose connections as necessary				
p) Maintained situational awareness during skill				
q) Maintained team integrity				
r) Performed skill in a safe and proficient manner				

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LIVE FIRE – FFI-4
Storage Container Fire

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.8

JOB PERFORMANCE REQUIREMENTS
Extinguish fires in exterior Class A materials, given fires in stacked or piled materials, small unattached structures, or storage containers that can be fought from the exterior, attack lines, hand tools and master stream devices, and an assignment, so that exposures are protected, the spread of fire is stopped, collapse hazards are avoided, water application is effective, the fire is extinguished, and signs of the origin area(s) and arson are preserved. (6.3.8)

OBJECTIVE
The firefighter candidate, operating as a member of team, shall extinguish a fire in a storage container.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given the appropriate equipment and assistance, you shall demonstrate the proper technique for extinguishing a fire in a storage container.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.8 – The Firefighter I should be able to extinguish fires in stacked or piled materials such as hay bales, pallets, lumber, piles of mulch, sawdust, other bulk Class A materials, small unattached structures, and storage containers that are attacked from the exterior. The tactics for extinguishing each of these types of fires are similar enough to be included in one JPR.

Live fire evolutions should be conducted in accordance with the requirements of NFPA 1403. It is further recommended that prior to involvement in live fire evolutions, the firefighter demonstrate the use of SCBA in smoke and elevated temperature conditions.

In areas where environmental or other concerns restrict the use of Class A fuels for training evolutions, properly installed and monitored gas-fueled fire simulators might be substituted.

PREPARATION & EQUIPMENT
- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system
- Attack hoses and nozzles, minimum 1½”

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- Hand tools
- Storage container (e.g., exterior dumpster, trash bin, etc.)
- Class A fuel for live burns, such as hay
- All needed support equipment and personnel for the scenario

The candidate shall accomplish the skill wearing **"FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS"** as required by the Texas Commission on Fire Protection to include helmet, hood, gloves, coat, trousers, boots, and SCBA.

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

LIVE FIRE – FFI-4				
Storage Container Fire				
The firefighter candidate, operating as a member of team, shall extinguish a fire in a storage container.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Performed a 360° size-up to identify safety hazards				
b) Recognized and managed hazards				
c) Verbally explained how and when a master stream could be used on a container fire				
d) Deployed 1½" or 1¾" attack hose				
e) Bled air from hose and checked flow and pattern				
f) Advanced hose for fire attack				
g) Recognized inherent hazards related to the material's configuration including collapse hazards				
h) Protected exposures				
i) Stopped the spread of fire				
j) Operated hoseline to apply water effectively				
k) Evaluated and modified water application for maximum penetration				
l) Broke up material using hand tools and water streams				
m) Extinguished fire				
n) Prevented water hammer when closing nozzle				
o) Searched for and exposed hidden fires				
p) Evaluated for complete extinguishment				
q) Assessed patterns for origin determination				
r) Preserved signs of the origin areas and arson				
s) Maintained situational awareness during skill				
t) Performed skill in a safe and proficient manner				

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LIVE FIRE – FFI-5
Vehicle Fire

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.7

JOB PERFORMANCE REQUIREMENTS
Attack a passenger vehicle fire operating as a member of a team, given PPE, an attack line, and hand tools, so that hazards are avoided, leaking flammable liquids are identified and controlled, protection from flash fires is maintained, all vehicle compartments are overhauled, and the fire is extinguished. (6.3.7)

OBJECTIVE
The firefighter candidate shall extinguish a vehicle fire.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given the appropriate equipment and assistance, you shall demonstrate the proper technique for extinguishing a vehicle fire.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.7 – Passenger vehicles include automobiles, light trucks, and vans.

PREPARATION & EQUIPMENT
- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system
- Attack hoses and nozzles, minimum 1½”
- Hand tools
- Passenger vehicle for fires or vehicle fire prop (NFPA 1402 compliant)
- All needed support equipment and personnel for the scenario

The candidate shall accomplish the skill wearing **"FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS"** as required by the Texas Commission on Fire Protection to include helmet, hood, gloves, coat, trousers, boots, and SCBA.

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

LIVE FIRE – FFI-5				
Vehicle Fire				
The firefighter candidate shall extinguish a vehicle fire.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Verbally identified possible fuel types				
b) Performed a 360° size-up to identify safety hazards				
c) Ensured vehicle is stable, chocked wheels if necessary				
d) Deployed 1½" or 1¾" attack hose				
e) Bled air from hose and checked flow and pattern				
f) Advanced hose for fire attack safely avoiding hazards				
g) Applied water for maximum effectiveness while maintaining flash fire protection				
h) Prevented water hammer when closing nozzle				
i) Exposed hidden fires by opening all compartments				
j) Extinguished fire in all compartments				
k) Assessed and controls fuel leaks as required				
l) Maintained situational awareness during skill				
m) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

LIVE FIRE – FFI-6
Ground Cover Fire

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.19

JOB PERFORMANCE REQUIREMENTS
Combat a ground cover fire operating as a member of a team, given protective clothing, SCBA (if needed), hoselines, extinguishers or hand tools, and an assignment, so that threats to property are reported, threats to personal safety are recognized, retreat is quickly accomplished when warranted, and the assignment is completed. (6.3.19)

OBJECTIVE
The firefighter candidate, operating as a member of a team, shall combat a ground cover fire.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Operating as a member of a team, you shall demonstrate and describe the proper techniques for combating a ground cover fire, so that threats to property are reported, threats to personal safety are recognized, retreat is quickly accomplished when warranted, and the assignment is completed.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
This is a simulation. The examinee is to demonstrate and describe proper techniques. It is NOT necessary to attack an actual fire to complete this skill.

Annex A.6.3.19 – Protective clothing is not personal protective clothing as used throughout the rest of this document. Some jurisdictions provide firefighters with different clothing for ground cover fires than is worn for structural fires. This clothing can be substituted for structural protective clothing in order to meet the intent of this JPR.

PREPARATION & EQUIPMENT
- Task appropriate protective clothing (Wildland), per AHJ
- Water source
- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system
- Fire hoses, per AHJ
- Extinguishers and/or hand tools
- Assignments for combating a ground fire

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

LIVE FIRE – FFI-6				
Ground Cover Fire				
The firefighter candidate, operating as a member of a team, shall combat a ground cover fire.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Confirmed assignment				
b) Performed a size-up				
c) Recognized threats to personal safety				
d) Identified escape routes and safety zones				
e) Determined exposure threats based on fire spread potential				
f) Reported threats to property				
g) Protected exposures				
h) Constructed a fire line with hand tools				
i) Maintained integrity of established fire lines				
j) Suppressed and/or extinguished ground cover fires using water and/or hand tools				
k) Mopped up hot spots				
l) Retreated quickly if warranted				
m) Completed assignment				
n) Maintained situational awareness during skill				
o) Maintained team integrity				
p) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

OVERHAUL – FFI-1
Exposure of Hidden Fires

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.13

JOB PERFORMANCE REQUIREMENTS
Overhaul a fire scene, given PPE, attack line, hand tools, a flashlight, and an assignment, so that structural integrity is not compromised, all hidden fires are discovered, fire cause evidence is preserved, and the fire is extinguished. (6.3.13)

OBJECTIVE
The firefighter candidate shall overhaul a fire scene and preserve fire cause evidence.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall overhaul a fire scene, given PPE, attack line, hand tools, a flashlight, and an assignment, so that structural integrity is not compromised, all hidden fires are discovered, fire cause evidence is preserved, and the fire is extinguished.

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?

PREPARATION & EQUIPMENT
- Attack fire hose and nozzle, minimum 1½”
- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system
- Hand tools
- Flashlight
- Thermal imager (TI)
- Evidence of fire origin
- Equipment for noting and protecting evidence

The candidate shall accomplish the skill wearing **"FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS"** as required by the Texas Commission on Fire Protection to include helmet, hood, gloves, coat, trousers, boots, and SCBA.

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

OVERHAUL – FFI-1				
Exposure of Hidden Fires				
The firefighter candidate shall overhaul a fire scene and preserve fire cause evidence.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Deployed and operated an attack line that is most effective for overhaul				
b) Observed fire area to identify smoking or smoldering material				
c) Detected hot spots using thermal imaging device				
d) Removed flooring, ceiling, and wall components to expose void spaces without compromising structural integrity				
e) Exposed and extinguished hidden fires in walls, ceilings, and subfloor spaces				
f) Applied water for maximum effectiveness and limits water damage as much as possible				
g) Minimized damage when possible				
h) Recognized and preserved fire cause evidence (area of origin and/or arson)				
i) Evaluated for complete extinguishment				
j) Performed skill in a safe and proficient manner				

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PPE – FFI-1
Inspection of PPE

NFPA 1010, 2024 ed. **General**
6.1.2

JOB PERFORMANCE REQUIREMENTS
The ability to don personal protective clothing, doff personal protective clothing, perform field reduction of contaminants and prepare for reuse, hoist tools and equipment using ropes and the correct knot, and locate information in departmental documents and standards or code materials. (6.1.2)

OBJECTIVE
The firefighter candidate shall inspect personal protective clothing and recommend cleaning, repair, or replacement as needed.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You will be given a complete set of personal protective equipment. You shall perform an inspection of the personal protective clothing in a proficient manner. You shall recommend cleaning, repair or replacement and document findings based on Standard Operating Procedures.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Full set of Protective Clothing for Structural Firefighting for each candidate, including: trousers, coat, boots, gloves, helmet, hood
- PPE appropriate for the skill (in accordance with TCFP and NFPA 1850, or current standard edition)

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Candidate:_____

Training Provider:_____

PPE – FFI-1				
Inspection of PPE				
The firefighter candidate shall inspect personal protective clothing and recommend cleaning, repair, or replacement as needed.				
The candidate:	**ATTEMPT 1**		**ATTEMPT 2**	
Clothing – Coat and Trousers	**S**	**U**	**S**	**U**
a) Checked label for conformance with standard and care instructions				
b) Checked to ensure buckles and snaps function properly				
c) Checked to ensure that all liners are secure and in place				
d) Inspected Drag Rescue Device (DRD) (if applicable)				
e) Checked for tears				
f) Checked for worn areas				
g) Checked for cleanliness				
h) Checked wristlets				
i) Checked reflective trim				
j) Checked suspenders (if applicable)				
k) Verbally stated whether clothing should be repaired, cleaned, or replaced based on SOPs				
Helmet	**S**	**U**	**S**	**U**
a) Checked label for conformance with standard and care instructions				
b) Checked shell for excessive wear or damage				
c) Checked components of impact system				
d) Checked chin strap for excessive wear or damage				
e) Checked eye protection for excessive wear or damage				
f) Checked ear flaps for excessive wear or damage				
g) Verbally stated whether helmet should be repaired, cleaned, or replaced based on SOPs				

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Gloves	S	U	S	U
a) Checked label for conformance with standard and care instructions				
b) Checked for excessive wear or damage				
c) Checked for flexibility and fit based on agency SOPs				
d) Verbally stated whether gloves should be cleaned or replaced based on SOPs				
Hood	**S**	**U**	**S**	**U**
a) Checked label for conformance with standard and care instructions				
b) Checked for excessive wear or damage				
c) Checked for proper fit based on agency SOPs				
d) Verbally stated whether hood should be cleaned or replaced based on SOPs				
Boots	**S**	**U**	**S**	**U**
a) Checked label for conformance with standard and care instructions				
b) Checked for excessive wear or damage				
c) Checked for cleanliness based on agency SOPs				
d) Checked for proper fit based on agency SOPs				
e) Verbally stated whether boots should be cleaned or replaced based on SOPs				
Inspection Administration	**S**	**U**	**S**	**U**
a) Verbally stated when inspections should be performed				
b) Verbally stated documentation procedures based on SOPs				
c) Performed skill in a safe and proficient manner				

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PPE – FFI-2
Donning and Doffing of PPE

NFPA 1010, 2024 ed. **General**
6.1.2

JOB PERFORMANCE REQUIREMENTS
The ability to don personal protective clothing, doff personal protective clothing, perform field reduction of contaminants and prepare for reuse, hoist tools and equipment using ropes and the correct knot, and locate information in departmental documents and standards or code materials. (6.1.2)

OBJECTIVE
The firefighter candidate shall don personal protective clothing, doff personal protective clothing, and prepare for reuse.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You will be given a complete set of protective clothing (trousers, coat, boots, gloves, helmet, and hood). You shall properly don the protective clothing. After you have donned the clothing, reverse the procedure to doff and place in a ready state.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Full set of Protective Clothing for Structural Firefighting for each candidate, including: trousers, coat, boots, gloves, helmet, and hood

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Candidate:_____

Training Provider:_____

PPE – FFI-2				
Donning and Doffing of PPE				
The firefighter candidate shall don personal protective clothing, doff personal protective clothing, and prepare for reuse.				
The candidate:	**ATTEMPT 1**		**ATTEMPT 2**	
Trousers and boots	**S**	**U**	**S**	**U**
a) Removed footwear				
b) Stepped into trousers and boots one foot at a time				
c) Pulled trousers up by waistband (not suspenders)				
d) Adjusted suspenders (if applicable)				
e) Secured closure system properly				
Coat and protective hood	**S**	**U**	**S**	**U**
a) Donned protective hood properly				
b) Donned coat				
c) Secured closure system properly				
d) Turned up collar				
Helmet and gloves	**S**	**U**	**S**	**U**
a) Donned helmet with earflaps down (adjusted chinstrap)				
b) Donned gloves				
Doffing	**S**	**U**	**S**	**U**
a) Doffed personal protective clothing and placed in a ready state				
Overall	**S**	**U**	**S**	**U**
a) Performed skill in a safe and proficient manner				

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PPE – FFI-3
Field Reduction of Contaminants

NFPA 1010, 2024 ed. **General**
6.1.2

JOB PERFORMANCE REQUIREMENTS
The ability to don personal protective clothing, doff personal protective clothing, perform field reduction of contaminants, and prepare for reuse, hoist tools and equipment using ropes and the correct knot, and locate information in departmental documents and standards or code materials. (6.1.2)

OBJECTIVE
The firefighter candidate shall perform field reduction of contaminants after leaving the hot (contaminated) zone and before entering the cold (clean) zone.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
While operating at a simulated fire incident, you shall demonstrate how to perform preliminary exposure reduction operations. You shall use the provided equipment, water supply, and a team member with contaminated PPE (simulated) to perform the skill so that the primary removal of contaminants is completed according to manufacturer's guidelines and/or departmental procedures.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Candidate will perform this skill on a team member wearing contaminated PPE (simulated).

PREPARATION & EQUIPMENT
- Contaminated PPE (simulated)
- Soft bristled brush
- Low velocity water supply
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

PPE – FFI-3				
Field Reduction of Contaminants				
The firefighter candidate shall perform field reduction of contaminants after leaving the hot (contaminated) zone and before entering the cold (clean) zone.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Directed the contaminated firefighter to an area outside the hot zone				
b) Verbalized the preliminary exposure reduction shall be performed in the warm (contamination reduction) zone				
c) Directed the contaminated firefighter to remain on air				
d) Used soft-bristle brush to remove solid debris				
e) Used a gentle water spray to remove contamination starting at the helmet and moving down to the boots				
f) Directed the contaminated firefighter to turn 180° and repeated wet decontamination				
g) Sprayed off bottom of contaminated firefighter's boots				
h) Removed all protective clothing per SOPs				
i) Directed contaminated firefighter to use soap and water or disposable towels to clean the head, face and neck areas				
j) Bagged contaminated equipment for travel back to station				
k) Verbalized need for contaminated firefighter to shower immediately upon return to station				
l) Verbalized need to clean gear and apparatus interior immediately after cleaning self and returning to station				
m) Documented exposure and decontamination reporting, per AHJ				
n) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

ROPES – FFI-1
Rope Inspection and Maintenance

NFPA 1010, 2024 ed. **Preparedness and Maintenance**
6.5.1

JOB PERFORMANCE REQUIREMENTS
Clean and check ladders, ventilation equipment, SCBA, ropes, salvage equipment, and hand tools, given cleaning tools, cleaning supplies, and an assignment, so that equipment is clean and maintained according to manufacturer's or departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise. (6.5.1)

OBJECTIVE
The firefighter candidate shall inspect fire service rope, identify damage and describe the proper procedures for cleaning and storage.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall demonstrate the proper technique of inspecting fire service rope and verbalize at least five (5) indicators of damage that are characteristic for the type of rope selected. You shall describe the proper cleaning and storage procedures of the selected rope.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- 10-25' of rope, minimum (synthetic/natural)
- PPE appropriate for the skill

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Candidate:_____

Training Provider:_____

ROPES – FFI-1				
Rope Inspection and Maintenance				
The firefighter candidate shall inspect fire service rope, identify damage, and describe the proper procedures for cleaning and storage.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Inspected rope for damage and verbalized at least 5 elements of rope degradation (elements could include: softness, crusty spots, stiffness, brittleness, nicks, cuts, dirt, mildew, heat sears or discoloration, fuzziness, mushy spots, sheath sliding, lumps and/or depressions)				
b) Examined the inner component by twisting the rope or feeling for bunching and thinness				
c) Verbalized they would tag and remove from service any rope that does not pass inspection				
d) Verbalized cleaning procedures				
e) Verbalized that rope needs time to air dry completely				
f) Verbalized an additional inspection is necessary after drying				
g) Verbalized proper storage of rope				
h) Verbalized recording/documentation procedures				
i) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

ROPES – FFI-2
Tying a Figure Eight Follow-Through to Hoist an Exhaust Fan and Power Saw

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.20

JOB PERFORMANCE REQUIREMENTS
Tie a knot appropriate for hoisting tool, given personnel protective equipment, tools, ropes, and assignment, so that the knots used are appropriate for hoisting tools securely and as directed. (6.3.20)

OBJECTIVE
The firefighter candidate shall tie a figure eight follow-through with an overhand safety on an exhaust fan and power saw in preparation for hoisting. The candidate shall also describe five (5) potential elements of rope degradation and identify the working, standing, and running sections of the rope.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall select the type and length of rope which will be adequate to meet this skill. You shall verbalize five (5) potential elements of rope degradation. You shall demonstrate tying a figure eight follow-through with an overhand safety on an exhaust fan and a power saw. You shall also attach a tagline. You shall also verbally identify the working, standing, and running sections of the rope. You shall verbalize the tool is ready for hoisting.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- ½” diameter utility rope, or equivalent
- Fan, gasoline, electric, or battery-powered (e.g., PPV, exhaust fan, etc.)
- Rotary saw, gasoline or battery-powered
- PPE appropriate for the skill

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Candidate:_____

Training Provider:_____

ROPES – FFI-2				
Tying a Figure Eight Follow-Through to Hoist an Exhaust Fan or Power Saw				
The firefighter candidate shall tie a figure eight follow-through with an overhand safety on an exhaust fan and power saw in preparation for hoisting. The candidate shall also describe five (5) potential elements of rope degradation and identify the working, standing, and running sections of the rope.				
The candidate:	**ATTEMPT 1**		**ATTEMPT 2**	
Exhaust Fan	**S**	**U**	**S**	**U**
a) Inspected rope for damage and verbalized at least 5 elements of rope degradation (elements could include softness, crusty spots, stiffness, brittleness, nicks, cuts, dirt, mildew, heat sears or discoloration, fuzziness, mushy spots, sheath sliding, lumps and/or depressions)				
b) Correctly measured rope for desired length				
c) Tied a figure eight follow-through with an overhand safety on an exhaust fan in preparation for hoisting				
d) Tied a tagline				
e) Verbally identified the working, standing, and running sections				
f) Verbalized the tool is ready for hoisting				
g) Performed skill in a safe and proficient manner				
Power Saw	**S**	**U**	**S**	**U**
a) Inspected rope for damage and verbalized at least 5 elements of rope degradation				
b) Correctly measured rope for desired length				
c) Tied a figure eight follow-through with an overhand safety on a power saw in preparation for hoisting				
d) Tied a tagline				
e) Verbally identified the working, standing, and running sections				
f) Verbalized the tool is ready for hoisting				
g) Performed skill in a safe and proficient manner				

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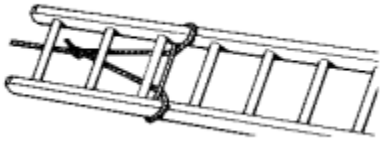
Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

ROPES – FFI-3
Tying a Figure Eight on a Bight to Hoist a Ladder

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.20



JOB PERFORMANCE REQUIREMENTS
Tie a knot appropriate for hoisting tool, given personnel protective equipment, tools, ropes, and assignment, so that the knots used are appropriate for hoisting tools securely and as directed. (6.3.20)

OBJECTIVE
The firefighter candidate shall tie a figure eight on a bight with an overhand safety in preparation for hoisting a ladder. The candidate shall also describe five (5) potential elements of rope degradation and identify the working, standing, and running sections of the rope.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall select the type and length of rope which will be adequate to meet this skill. You shall verbalize five (5) potential elements of rope degradation. You shall demonstrate tying a figure eight on a bight with an overhand safety knot, in preparation for hoisting a ladder. You shall also attach a tagline. You shall verbally identify the working, standing, and running sections of the rope. You shall verbalize the tool is ready for hoisting.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- 12’ minimum straight ladder
- ½” diameter utility rope, or equivalent
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

ROPES – FFI-3				
Tying a Figure Eight on a Bight to Hoist a Ladder				
The firefighter candidate shall tie a figure eight on a bight with an overhand safety in preparation for hoisting a ladder. The candidate shall also describe five (5) potential elements of rope degradation and identify the working, standing, and running sections of the rope.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Inspected rope for damage and verbalized at least 5 elements of rope degradation (elements could include: softness, crusty spots, stiffness, brittleness, nicks, cuts, dirt, mildew, heat sears or discoloration, fuzziness, mushy spots, sheath sliding, lumps and/or depressions.)				
b) Correctly measured the rope for desired length				
c) Tied a figure eight on a bight with an overhand safety and applied to a ladder				
d) Tied tagline				
e) Verbally identified the working, standing, and running sections				
f) Verbalized the tool is ready for hoisting				
g) Performed skill in a safe and proficient manner				

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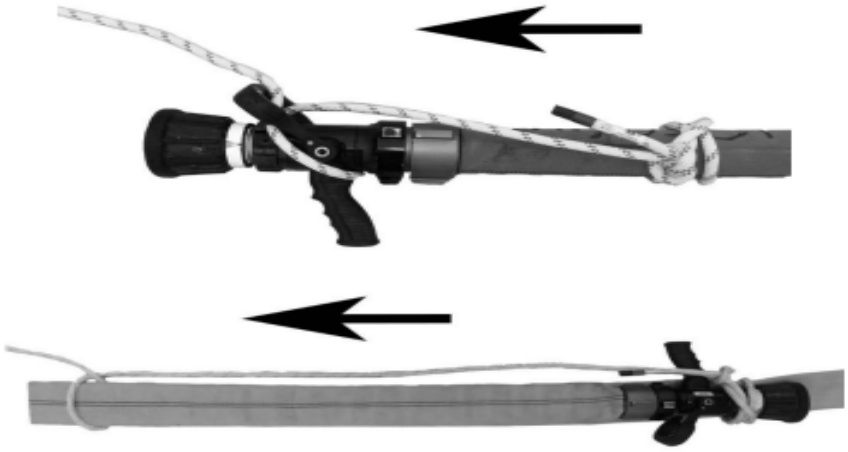
Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

ROPES – FFI-4
Tying a Clove Hitch to Hoist a Charged and Uncharged Hoseline

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.20



JOB PERFORMANCE REQUIREMENTS
Tie a knot appropriate for hoisting tool, given personnel protective equipment, tools, ropes, and assignment, so that the knots used are appropriate for hoisting tools securely and as directed. (6.3.20)

OBJECTIVE
The firefighter candidate shall tie a clove hitch and a half hitch to hoist a charged and uncharged hoseline. The candidate shall also describe five (5) potential elements of rope degradation and identify the working, standing, and running sections of the rope.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall select the type and length of rope which will be adequate to meet this skill. You shall verbalize five (5) potential elements of rope degradation. You shall demonstrate tying a clove hitch and half hitches on a charged and uncharged hoseline. You shall also verbally identify the working, standing, and running sections of the rope. You shall verbalize the hose is ready for hoisting.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- ½” diameter utility rope, or equivalent
- Charged fire hose with nozzle, minimum 1½”
- Uncharged fire hose with nozzle, minimum 1½”
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

ROPES – FFI-4				
Tying a Clove Hitch to Hoist a Charged and Uncharged Hoseline				
The firefighter candidate shall tie a clove hitch and a half hitch to hoist a charged and uncharged hoseline. The candidate shall also describe five (5) potential elements of rope degradation and identify the working, standing, and running sections of the rope.				
The candidate:	**ATTEMPT 1**		**ATTEMPT 2**	
Uncharged Hoseline	**S**	**U**	**S**	**U**
a) Inspected rope for damage and verbalized at least 5 elements of rope degradation (elements could include softness, crusty spots, stiffness, brittleness, nicks, cuts, dirt, mildew, heat sears or discoloration, fuzziness, mushy spots, sheath sliding, lumps and/or depressions)				
b) Correctly measured rope for desired length				
c) Folded the nozzle end back over the hoseline creating a 4'-5' bight				
d) Tied a clove hitch around the tip of the nozzle and hose that it is folded against				
e) Tied an overhand safety				
f) Tied a half hitch on the doubled hose about 1' from the loop end				
g) Verbally identified the working, standing, and running sections				
h) Verbalized the hose is ready for hoisting				
i) Performed skill in a safe and proficient manner				
Charged Hoseline	**S**	**U**	**S**	**U**
a) Inspected rope for damage and verbalized at least 5 elements of rope degradation (elements could include softness, crusty spots, stiffness, brittleness, nicks, cuts, dirt, mildew, heat sears or discoloration, fuzziness, mushy spots, sheath sliding, lumps and/or depressions)				
b) Correctly measured rope for desired length				
c) Tied a clove hitch on the hose about 1' below the nozzle				

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d) Tied an overhand safety				
e) Passed a bight through the bail and around the handle				
f) Tied a half hitch around the nozzle tip				
g) Verbally identified the working, standing, and running sections				
h) Verbalized the hose is ready for hoisting				
i) Performed skill in a safe and proficient manner				

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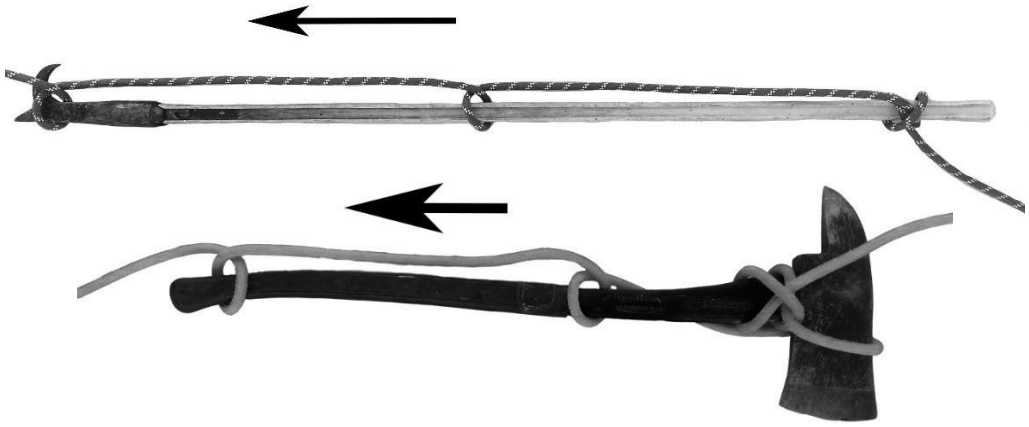
Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

ROPES – FFI-5
Tying a Clove Hitch to Hoist a Pike Pole or Axe OR
Tying a Figure Eight on a Bight to Hoist an Axe

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.20



JOB PERFORMANCE REQUIREMENTS
Tie a knot appropriate for hoisting tool, given personnel protective equipment, tools, ropes, and assignment, so that the knots used are appropriate for hoisting tools securely and as directed. (6.3.20)

OBJECTIVE
The firefighter candidate shall tie a clove hitch and half hitches on a pike pole and axe in preparation for hoisting and/or tie a figure eight on a bight and half hitches to hoist an axe. The candidate shall also describe five (5) potential elements of rope degradation and identify the working, standing, and running sections of the rope.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall select the type and length of rope which will be adequate to meet this skill. You shall verbalize five (5) potential elements of rope degradation. You shall demonstrate tying a clove hitch and half hitches on a pike pole. You shall demonstrate tying a clove hitch and half hitches or a figure eight on a bight and half hitches on an axe. You shall also verbally identify the working, standing, and running sections of the rope. You shall verbalize the tool is ready for hoisting.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- ½” diameter utility rope, or equivalent
- Pike pole

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- Pick-head axe
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

ROPES – FFI-5				
Tying a Clove Hitch to Hoist a Pike Pole or Axe OR Tying a Figure Eight on a Bight to Hoist an Axe				
The firefighter candidate shall tie a clove hitch and half hitches on a pike pole and axe in preparation for hoisting and/or tie a figure eight on a bight and half hitches to hoist an axe. The candidate shall also describe five (5) potential elements of rope degradation and identify the working, standing, and running sections of the rope.				
The candidate:	**ATTEMPT 1**		**ATTEMPT 2**	
Pike Pole	**S**	**U**	**S**	**U**
a) Inspected rope for damage and verbalized at least 5 elements of rope degradation (elements could include softness, crusty spots, stiffness, brittleness, nicks, cuts, dirt, mildew, heat sears or discoloration, fuzziness, mushy spots, sheath sliding, lumps and/or depressions)				
b) Correctly measured rope for desired length				
c) Tied a clove hitch on the handle of the pike pole leaving enough excess running end to be used as a tagline				
d) Tied two more half hitches working towards the pike hook				
e) Verbally identified the working, standing, and running sections				
f) Verbalized the tool is ready for hoisting				
g) Performed skill in a safe and proficient manner				
Axe	**S**	**U**	**S**	**U**
a) Inspected rope for damage and verbalized at least 5 elements of rope degradation (elements could include softness, crusty spots, stiffness, brittleness, nicks, cuts, dirt, mildew, heat sears or discoloration, fuzziness, mushy spots, sheath sliding, lumps and/or depressions.)				
b) Correctly measured rope for desired length				
c) Tied a clove hitch or figure eight on a bight on the handle of the axe near the axe head leaving enough excess running end to be used as a tagline				

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d) Wrapped the rope around the axe head and tied two half hitches working away from the axe head				
e) Verbally identified the working, standing, and running sections				
f) Verbalized the tool is ready for hoisting				
g) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

SEARCH AND RESCUE – FFI-1
Conduct a Search

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.9

JOB PERFORMANCE REQUIREMENTS
Conduct a search and rescue in a structure operating as a member of a team, given an assignment, obscured vision conditions, personal protective equipment, a flashlight, forcible entry tools, hoselines, and ladders when necessary, so that ladders are correctly placed when used, all assigned areas are searched, all victims are located and removed, team integrity is maintained, and team members' safety, including respiratory protection, is not compromised. (6.3.9)

OBJECTIVE
The firefighter candidate and a designated team member shall enter a structure with vision obscured conditions and conduct a primary and secondary search for victim(s).

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You and a designated team member shall enter a structure with vision obscured conditions and conduct a primary and secondary search for victim(s), both with and without a rope or hoseline.

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?

INSTRUCTOR NOTE
The vision obscured conditions may be simulated with smoke or the mask may be blackened out.

Annex A.6.3.9 – Fire departments and training organizations must use reason and good judgment when training firefighters to perform firefighter rescue (rapid intervention) and self-survival evolutions. Training programs should put more emphasis on avoiding being trapped or disoriented in severe fire conditions than they should on getting out of them. While learning practical firefighter rescue and self-survival skills is important, the particular skills that are taught should not require firefighters to use tools beyond the limits of their intended use, should not place the firefighters in an inordinate amount of danger during the training evolutions, and should be techniques that could realistically be required on the fireground. Fire departments and training organizations should balance the risk of injury or death to the firefighter during training on these evolutions with the actual chance that they would ever need to apply them in real life. There are numerous accounts of firefighters being injured or killed during rapid intervention and self-survival training of skills that will never, or should never, be performed on the fireground. One example of these questionable techniques is sliding down ground

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ladders. In the rare event that more than one firefighter will need to exit the same window in an expedient manner, once the first firefighter steps down two or three rungs, they are not obstructing the next firefighter from exiting the window. Yet, numerous firefighters have been seriously injured or died attempting to perform this task in training.

PREPARATION & EQUIPMENT

- Individual/victim or rescue manikin
- Self-Contained Breathing Apparatus with charged air cylinder
- Ladders appropriate for the skill
- Forcible entry tools
- Fire hoses and nozzles, minimum 1½”
- ½” diameter utility rope, or equivalent used for search line/rope
- Marking devices (e.g., permanent marker, pens, pencils, chalk, grease pencil, etc.)
- Flashlight
- Vision obscured conditions (e.g., blackout mask or smoke generator)

The candidate shall accomplish the skill wearing **"FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS"** as required by the Texas Commission on Fire Protection to include helmet, hood, gloves, coat, trousers, boots and SCBA.

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

SEARCH AND RESCUE – FFI-1				
Conduct a Search				
The firefighter candidate and a designated team member shall enter a structure with vision obscured conditions and conduct a primary and secondary search for victim(s).				
The candidate:	**ATTEMPT 1**		**ATTEMPT 2**	
With a Rope or Hoseline	**S**	**U**	**S**	**U**
a) Felt the door and verbalized that the door must be checked for heat before entering				
b) Maintained appropriate body position for environment (vision obscured conditions, high temperatures, etc.)				
c) Started search on outside wall and performed consistent turns (always to right or left)				
d) Completely searched one room before moving on to the next room				
e) Moved and/or searched behind, on, and under all furniture				
f) Searched all closets and small crawl spaces				
g) After completing room search, marked door or left a sign that room has been searched				
h) Communicated well with partner				
i) Stopped periodically and verbalized listening for sounds				
Without a Rope or Hoseline	**S**	**U**	**S**	**U**
a) Felt the door and verbalized that the door must be checked for heat before entering				
b) Maintained appropriate body position for environment (vision obscured conditions, high temperatures, etc.)				
c) Started search on outside wall and performed consistent turns (always to right or left)				
d) Completely searched one room before moving on to the next room				
e) Moved and/or searched behind, on, and under all furniture				
f) Searched all closets and small crawl spaces				

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g) After completing room search, marked door or left a sign that room has been searched				
h) Communicated well with partner				
i) Stopped periodically and verbalized listening for sounds				

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

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Instructor Date

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

SEARCH AND RESCUE – FFI-2
Rescue of a Firefighter with Functioning Respiratory Protection

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.9

JOB PERFORMANCE REQUIREMENTS
Conduct a search and rescue in a structure operating as a member of a team, given an assignment, obscured vision conditions, personal protective equipment, a flashlight, forcible entry tools, hoselines, and ladders when necessary, so that ladders are correctly placed when used, all assigned areas are searched, all victims are located and removed, team integrity is maintained, and team members' safety, including respiratory protection, is not compromised. (6.3.9)

OBJECTIVE
The firefighter candidate, with a team member, shall rescue a downed firefighter with functioning respiratory protection.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You and a designated team member shall enter a perceived IDLH atmosphere and conduct search and rescue for a downed firefighter with functioning respiratory protection.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.9 – Fire departments and training organizations must use reason and good judgment when training firefighters to perform firefighter rescue (rapid intervention) and self-survival evolutions. Training programs should put more emphasis on avoiding being trapped or disoriented in severe fire conditions than they should on getting out of them. While learning practical firefighter rescue and self-survival skills is important, the particular skills that are taught should not require firefighters to use tools beyond the limits of their intended use, should not place the firefighters in an inordinate amount of danger during the training evolutions, and should be techniques that could realistically be required on the fireground. Fire departments and training organizations should balance the risk of injury or death to the firefighter during training on these evolutions with the actual chance that they would ever need to apply them in real life. There are numerous accounts of firefighters being injured or killed during rapid intervention and self-survival training of skills that will never, or should never, be performed on the fireground. One example of these questionable techniques is sliding down ground ladders. In the rare event that more than one firefighter will need to exit the same window in an expedient manner, once the first firefighter steps down two or three rungs, they are not obstructing the next firefighter from exiting the window. Yet, numerous

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firefighters have been seriously injured or died attempting to perform this task in training.

PREPARATION & EQUIPMENT

- Individual/victim or rescue manikin
- Self-Contained Breathing Apparatus with charged air cylinder
- Ladders appropriate for the skill
- Forcible entry tools
- Fire hoses and nozzles, minimum 1½”
- Flashlight
- Vision obscured conditions (e.g., blackout mask or smoke generator)
- Rapid Intervention Pack or equivalent (e.g., spare SCBA and air cylinder with emergency escape breathing support system or emergency breathing safety system; or rapid intervention crew universal air connection)

The candidate shall accomplish the skill wearing **"FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS"** as required by the Texas Commission on Fire Protection to include helmet, hood, gloves, coat, trousers, boots and SCBA.

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

SEARCH AND RESCUE – FFI-2				
Rescue of a Firefighter with Functioning Respiratory Protection				
The firefighter candidate, with a team member, shall rescue a downed firefighter with functioning respiratory protection.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Assessed and determined areas of tenability				
b) Placed ladders properly, if required				
c) Located downed firefighter				
d) Assessed downed firefighter's respiratory protection for proper operation				
e) Rescued a firefighter with functioning respiratory protection, per AHJ procedures				
f) Exited through restricted passage (i.e. window, wall breach, attic hatch, etc.)				
g) Ensured team members' safety — including respiratory protection — is not compromised				
h) Searched all assigned areas				
i) Maintained team integrity				
j) Performed the skill in a safe and proficient manner				

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

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

SEARCH AND RESCUE – FFI-3
Rescue of a Firefighter with Non-Functioning Respiratory Protection

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.9

JOB PERFORMANCE REQUIREMENTS
Conduct a search and rescue in a structure operating as a member of a team, given an assignment, obscured vision conditions, personal protective equipment, a flashlight, forcible entry tools, hoselines, and ladders when necessary, so that ladders are correctly placed when used, all assigned areas are searched, all victims are located and removed, team integrity is maintained, and team members' safety, including respiratory protection, is not compromised. (6.3.9)

OBJECTIVE
The firefighter candidate, with a team member, shall rescue a downed firefighter with non-functioning respiratory protection.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You and a designated team member shall enter a perceived IDLH atmosphere and conduct search and rescue for a downed firefighter with non-functioning respiratory protection.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.9 – Fire departments and training organizations must use reason and good judgment when training firefighters to perform firefighter rescue (rapid intervention) and self-survival evolutions. Training programs should put more emphasis on avoiding being trapped or disoriented in severe fire conditions than they should on getting out of them. While learning practical firefighter rescue and self-survival skills is important, the particular skills that are taught should not require firefighters to use tools beyond the limits of their intended use, should not place the firefighters in an inordinate amount of danger during the training evolutions, and should be techniques that could realistically be required on the fireground. Fire departments and training organizations should balance the risk of injury or death to the firefighter during training on these evolutions with the actual chance that they would ever need to apply them in real life. There are numerous accounts of firefighters being injured or killed during rapid intervention and self-survival training of skills that will never, or should never, be performed on the fireground. One example of these questionable techniques is sliding down ground ladders. In the rare event that more than one firefighter will need to exit the same window in an expedient manner, once the first firefighter steps down two or three rungs, they are not obstructing the next firefighter from exiting the window. Yet, numerous

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firefighters have been seriously injured or died attempting to perform this task in training.

PREPARATION & EQUIPMENT

- Individual/victim or rescue manikin
- Self-Contained Breathing Apparatus with charged air cylinder
- Ladders appropriate for the skill
- Forcible entry tools
- Fire hoses and nozzles, minimum 1½”
- Flashlight
- Vision obscured conditions (e.g., blackout mask or smoke generator)
- Rapid Intervention Pack or equivalent (e.g., spare SCBA and air cylinder with emergency escape breathing support system or emergency breathing safety system; or rapid intervention crew universal air connection)

The candidate shall accomplish the skill wearing **"FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS"** as required by the Texas Commission on Fire Protection to include helmet, hood, gloves, coat, trousers, boots and SCBA.

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

SEARCH AND RESCUE – FFI-3				
Rescue of a Firefighter with Non-Functioning Respiratory Protection				
The firefighter candidate, with a team member, shall rescue a downed firefighter with non-functioning respiratory protection.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Assessed and determined areas of tenability				
b) Located downed firefighter				
c) Assessed downed firefighter's respiratory protection for proper operation				
d) Utilized Rapid Intervention Pack or equivalent, per AHJ procedures				
e) Rescued a firefighter with non-functioning respiratory protection, per AHJ procedures				
f) Ensured team members' safety — including respiratory protection — is not compromised				
g) Searched all assigned areas				
h) Maintained team integrity				
i) Performed the skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

SEARCH AND RESCUE – FFI-4
Removing Victims from Hazardous Environments

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.9

JOB PERFORMANCE REQUIREMENTS
Conduct a search and rescue in a structure operating as a member of a team, given an assignment, obscured vision conditions, personal protective equipment, a flashlight, forcible entry tools, hoselines, and ladders when necessary, so that ladders are correctly placed when used, all assigned areas are searched, all victims are located and removed, team integrity is maintained, and team members' safety, including respiratory protection, is not compromised. (6.3.9)

OBJECTIVE
The firefighter candidate shall demonstrate the techniques for removal of an injured person from a hazardous environment.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given an assignment, the proper equipment, and wearing full protective clothing, you shall demonstrate various carries, drags, and the use of a victim carrying device(s) using approved procedures for removing an injured person from a hazardous atmosphere.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.9 – Fire departments and training organizations must use reason and good judgment when training firefighters to perform firefighter rescue (rapid intervention) and self-survival evolutions. Training programs should put more emphasis on avoiding being trapped or disoriented in severe fire conditions than they should on getting out of them. While learning practical firefighter rescue and self-survival skills is important, the particular skills that are taught should not require firefighters to use tools beyond the limits of their intended use, should not place the firefighters in an inordinate amount of danger during the training evolutions, and should be techniques that could realistically be required on the fireground. Fire departments and training organizations should balance the risk of injury or death to the firefighter during training on these evolutions with the actual chance that they would ever need to apply them in real life. There are numerous accounts of firefighters being injured or killed during rapid intervention and self-survival training of skills that will never, or should never, be performed on the fireground. One example of these questionable techniques is sliding down ground ladders. In the rare event that more than one firefighter will need to exit the same window in an expedient manner, once the first firefighter steps down two or three rungs, they are not obstructing

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the next firefighter from exiting the window. Yet, numerous firefighters have been seriously injured or died attempting to perform this task in training.

PREPARATION & EQUIPMENT

- Individual/victim or rescue manikin
- Victim carrying device(s) (e.g., chair, webbing, blanket, stretcher, litter, long spine board, short spine board, rescue basket, scoop stretcher, flexible rescue sled, etc.)
- Self-Contained Breathing Apparatus with charged air cylinder
- Ladders appropriate for the skill
- Forcible entry tools
- Fire hoses and nozzles, minimum 1½”
- Flashlight

The candidate shall accomplish the skill wearing **"FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS"** as required by the Texas Commission on Fire Protection to include helmet, hood, gloves, coat, trousers, boots and SCBA.

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

SEARCH AND RESCUE – FFI-4				
Removing Victims from Hazardous Environments				
The firefighter candidate shall demonstrate the techniques for removal of an injured person from a hazardous environment.				
The candidate:	**ATTEMPT 1**		**ATTEMPT 2**	
Two-Person Extremity Carry	**S**	**U**	**S**	**U**
a) Stood at the victim's head and directed the other rescuer to victim's feet				
b) Slipped arms under the victim's arms and around the chest, grasping the wrists				
c) Directed the other rescuer to kneel between victim's legs and grasp under the knees				
d) Stood with other rescuer and carried the victim to safety (candidate gave commands to stand)				
e) Used proper lifting techniques				
f) Carried the victim successfully a minimum of 20'				
g) Performed the skill in a safe and proficient manner				
Incline/Standing Drag	**S**	**U**	**S**	**U**
a) Placed victim on their back				
b) Knelt at the victim's head, facing the feet				
c) Supported the victim's head and neck				
d) Lifted the victim's upper body in a sitting position				
e) Reached under victim's arms, wrapped arms around victim's chest, and locked rescuer's arms				
f) Stood up and dragged the victim to safety				
g) Used proper lifting techniques				
h) Carried the victim successfully a minimum of 20'				
i) Performed the skill in a safe and proficient manner				
Webbing (Sling) Drag	**S**	**U**	**S**	**U**
a) Placed the victim on their back				
b) Placed the victim in the center of the loop so that the webbing is behind the victim's back				

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c) Applied webbing sling to torso and limbs				
d) Created loops behind victim's head				
e) Adjusted hand placement and/or webbing handles to protect the victim's head while dragging				
f) Dragged the victim successfully a minimum of 20'				
g) Performed the skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

SAFETY – FFI-1
Reporting a Mayday

NFPA 1010, 2024 ed. **Communications**
6.2.3

JOB PERFORMANCE REQUIREMENTS
Activate an emergency call for assistance, given vision-obscured conditions, PPE, and department SOPs, so that the firefighter can be located and rescued. (6.2.3)

OBJECTIVE
The firefighter candidate shall activate an emergency call for assistance so that the firefighter can be located and rescued.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given a vision-obscured environment in which you are trapped, lost or disoriented, you shall demonstrate the technique for reporting a “Mayday” and activating your PASS alarm while wearing full protective clothing.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.2.3 – An emergency call for assistance can be initiated by the use of a radio, pass device, or other means to alert others to a firefighter’s need of emergency assistance. This should include the terms *mayday*, *firefighter down*, or such other terminology as determined by the AHJ.

PREPARATION & EQUIPMENT
- Portable radios
- Scenario for an emergency call (script should be the same for all students)
- AHJ radio communication operating procedures (SOPs)
- Vision-obscured conditions (smoke generator, mask cover, hood on backwards, wax paper insert, etc.)
- Flashlight
- Hand tools

The candidate shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" as required by the Texas Commission on Fire Protection to include helmet, hood, gloves, coat, trousers, boots, and SCBA with PASS device.

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

SAFETY – FFI-1				
Reporting a Mayday				
The firefighter candidate shall activate an emergency call for assistance so that the firefighter can be located and rescued.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Recognized situation that would necessitate a Mayday call				
b) Remained calm				
c) Followed AHJ radio procedure for reporting a Mayday				
d) Manually activated PASS alarm				
e) Conserved breathing air while waiting for rescue				
f) Evaluated area for hazards				
g) Activated any other Mayday procedures as appropriate				
h) Assessed the situation and identified possible solutions (isolate, escape hazard area, self-rescue)				
i) Used tools to make additional noises for rescuers to follow				
j) Pointed flashlight toward ceiling if applicable				
k) Performed appropriate actions to be located and rescued				
l) Performed skill in a safe and proficient manner				

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SAFETY – FFI-2
Following a Hoseline to Safety

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.5

JOB PERFORMANCE REQUIREMENTS
Exit a hazardous area as a team, given vision-obscured conditions, so that a safe haven is found before exhausting the air supply, others are not endangered, and the team integrity is maintained. (6.3.5)

OBJECTIVE
The firefighter candidate, operating as a team member, shall exit a vision-obscured area by following a hoseline to a safe haven before exhausting the air supply.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given a vision-obscured environment in which you are trapped, lost or disoriented, and while wearing PPE, you shall verbalize conditions that create or indicate a need to egress, follow a hoseline to locate a safe haven before exhausting your air supply, and maintain team integrity.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.5 – When training exercises are intended to simulate emergency conditions, smoke-generating devices that do not create a hazard are required. Several accidents have occurred when smoke bombs or other smoke-generating devices that produce a toxic atmosphere have been used for training exercises. All exercises should be conducted in accordance with the requirements of NFPA 1404.

PREPARATION & EQUIPMENT
- Charged fire hose, minimum 1½”
- Training tower, minimum of 2 stories in height

The candidate shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" as required by the Texas Commission on Fire Protection to include helmet, hood, gloves, coat, trousers, boots, and SCBA with PASS device.

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

SAFETY – FFI-2				
Following a Hoseline to Safety				
The firefighter candidate, operating as a team member, shall exit a vision-obscured area by following a hoseline to a safe haven before exhausting the air supply.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Verbalized conditions that create or indicate a need to egress				
b) Remained calm and controlled breathing				
c) Located hoseline and a coupling on the hoseline				
d) Felt coupling to determine direction away from the fire/hazard				
e) Verbalized location of a safe haven				
f) Followed hoseline toward safe haven before exhausting air supply				
g) Avoided endangering others				
h) Maintained team integrity				
i) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

SAFETY – FFI-3
Terminating Utility Service

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.18

JOB PERFORMANCE REQUIREMENTS
Turn off building utilities, given tools and an assignment, so that the assignment is safely completed. (6.3.18)

OBJECTIVE
The firefighter candidate shall safely turn off building utilities including water, electricity, natural gas and propane.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given a selection of tools, a scenario, and while wearing appropriate PPE, you shall locate the correct utility control devices. You shall assess for and verbalize related hazards. Then you shall operate the correct utility control devices using the appropriate tool for gas, water, and electric service to a building.

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?

PREPARATION & EQUIPMENT
- Building utility props
- Utility shutoff tools (e.g., water meter key, gas meter key, adjustable wrench, etc.)
- Spanner wrench
- Adjustable wrench

The candidate shall accomplish the skill wearing "**FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS**" as required by the Texas Commission on Fire Protection to include helmet, hood, gloves, coat, trousers, boots, and SCBA with PASS device.

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

SAFETY – FFI-3				
Terminating Utility Service				
The firefighter candidate shall safely turn off building utilities including water, electricity, natural gas and propane.				
The candidate:	**ATTEMPT 1**		**ATTEMPT 2**	
Water	**S**	**U**	**S**	**U**
a) Identified utility control valve				
b) Chose the correct tool(s)				
c) Assessed for and verbalized related hazards				
d) Completely turned off the water meter using required safety equipment				
e) Confirmed that the valve is shut off				
Electricity	**S**	**U**	**S**	**U**
a) Identified utility control switch (disconnect)				
b) Indicated that power should be disconnected by a utility company				
c) Assessed for and verbalized related hazards				
d) Shut off main breakers using required safety equipment				
e) Verbalized that meter should not be pulled				
f) Verbalized that utilities should not be restored by the fire department; used utility company				
Natural Gas Meter	**S**	**U**	**S**	**U**
a) Identified utility control valve				
b) Chose correct tool(s)				
c) Assessed for and verbalized related hazards				
d) Completely turned off meter using required safety equipment				
e) Confirmed that valve is shut off				
Propane Tank (non-fire scenario)	**S**	**U**	**S**	**U**
a) Identified utility control valve				

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b) Assessed for and verbalized related hazards				
c) Completely turned off valve using required safety equipment				
d) Confirmed that valve is shut off				
For All Utilities	**S**	**U**	**S**	**U**
a) Performed skill in a safe and proficient manner				

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SAFETY – FFI-4
Set Up Emergency Lighting for Fireground Operation

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.17

JOB PERFORMANCE REQUIREMENTS
Operate emergency scene lighting, given fire service lighting equipment, power supply, and an assignment, so that emergency scene lighting equipment is operated within the manufacturer's listed safety precautions. (6.3.17)

OBJECTIVE
The firefighter candidate shall set up emergency lighting to effectively illuminate the emergency scene.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given a portable power plant, mounted power plant, or rechargeable battery equipment with lights, cords, and/or connectors, you shall set up and operate lighting equipment to effectively illuminate a simulated fireground. You shall verbalize manufacturer's listed safety precautions when working with electricity on the fireground.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Power supply, portable or mounted (e.g., generator or electric power supply)
- Lighting equipment, portable or mounted
- Electrical extension cords and connectors
- Ground-fault interrupter (GFI) device(s)
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

SAFETY – FFI-4				
Set Up Emergency Lighting for Fireground Operation				
The firefighter candidate shall set up emergency lighting to effectively illuminate the emergency scene.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Inspected equipment for damage				
b) Operated department power supply and lighting equipment				
c) Deployed cords and connectors				
d) Verbalized manufacturer's listed safety precautions				
e) Reset ground-fault interrupter devices				
f) Located lights for best effect				
g) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

SAFETY – FFI-5
Use of Safety Equipment While Riding on Fire Apparatus

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.2

JOB PERFORMANCE REQUIREMENTS
Respond on apparatus to an emergency scene, given personal protective clothing and other necessary PPE, so that the apparatus is correctly mounted and dismounted, seat belts are used while the vehicle is in motion, and other personal protective equipment is correctly used. (6.3.2)

OBJECTIVE
The firefighter candidate shall properly use safety equipment while responding on apparatus to an emergency scene.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall don PPE, mount the apparatus and properly use all safety devices as required by the procedures or rules according to AHJ.

You shall begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.2 – Other personal protective equipment might include hearing protection in cabs that have a noise level in excess of 90 dBa, eye protection for firefighters riding in jump seats that are not fully enclosed, and SCBAs for those departments that require firefighters to don SCBAs while en route to the emergency.

PREPARATION & EQUIPMENT
- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system
- Hearing protection
- Seat mounted SCBA (if applicable, according to AHJ)
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

SAFETY – FFI-5				
Use of Safety Equipment While Riding on Fire Apparatus				
The firefighter candidate shall properly use safety equipment while responding on apparatus to an emergency scene.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Donned PPE (Note: may include donning SCBA using seat-mounted method, if applicable, per AHJ)				
b) Used proper safety devices when mounting apparatus				
c) Seated properly with seat belt fastened				
d) Secured all safety bars, door, and/or chains				
e) Wore hearing protection				
f) Used proper safety devices when dismounting apparatus				
g) Performed skill in a safe and proficient manner				

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SAFETY – FFI-6
Safely Working in Protected Areas

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.3

JOB PERFORMANCE REQUIREMENTS
Establish and operate in work areas at emergency scenes, given protective equipment, traffic and scene control devices, structure fire and roadway emergency scenes, traffic hazards and downed electrical wires, photovoltaic power systems, battery storage systems, an assignment, and SOPs, so that procedures are followed, protective equipment is worn, protected work areas are established as directed using traffic and scene control devices, and the firefighter performs assigned tasks only in established, protected work areas. (6.3.3)

OBJECTIVE
The firefighter candidate shall safely dismount an apparatus, then establish and work in a protected area.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given a fire apparatus, dismount and remove equipment from the compartments of the apparatus at a simulated emergency scene. You shall establish a protected work area per AHJ. You shall verbally describe and follow all safety procedures.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.3 – The safety of responders operating at an emergency scene is a key concern and one of the primary skills that the firefighter must develop. Operations on roads and highways, on scenes where visibility is restricted, or where utilities can be unstable present a significant risk to the firefighter as they dismount from apparatus and initiate emergency operations. Special protective equipment and constant attention to potential hazards is essential.

Firefighters can be assigned to direct the movement of traffic at the scene or set up flare or cone lines either independently or in conjunction with law/traffic enforcement officers. A firefighter assigned to this duty (either briefly or until the incident is under control) should understand the proper techniques to control traffic and the appropriate use of protective clothing and signaling equipment.

Federal law requires that fire department SOPs when operating on the roadway be in compliance with the US Department of Transportation publication Manual on Uniform Traffic Control Devices.

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PREPARATION & EQUIPMENT

- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system
- Traffic and scene control devices, per AHJ (e.g., scene tape, traffic cones, barricades, flares, advanced warning devices, reflective devices, diamond-shaped fluorescent pink sign, etc.)
- Miscellaneous tools and equipment
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

SAFETY – FFI-6				
Safely Working in Protected Areas				
The firefighter candidate shall safely dismount an apparatus, then establish and work in a protected area.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Used personal protective equipment appropriate to the scenario				
b) Dismounted apparatus				
c) Deployed traffic and scene control devices per AHJ				
d) Operated in the protected work areas per AHJ				
e) Removed traffic and scene control devices per AHJ				
f) Followed standard operating procedures				
g) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

SAFETY – FFI-7
Operating an Air Monitoring Instrument

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.21

JOB PERFORMANCE REQUIREMENTS
Operate an air-monitoring instrument, given an air monitor and an assignment or task, so that the device is operated and the firefighter recognizes the high- or low-level alarms of the air monitor and takes action to mitigate the hazard. (6.3.21)

OBJECTIVE
The firefighter candidate shall operate an air-monitoring instrument, recognize the high- or low-level alarms of the air monitor, and take action to mitigate the hazard.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given either single gas or multi-gas air monitoring instrument(s), you shall demonstrate the procedures for placing the instrument(s) into service and verifying their calibration. You shall also demonstrate how to use each air monitoring instrument provided. You shall identify any high- or low-level alarm that may activate, report their meaning, and identify the appropriate mitigation actions that are required to the Skills Examiner.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Air monitoring instruments/equipment**, e.g.:
  - Carbon monoxide monitor
  - Combustible gas indicator – Lower Explosive Limit (LEL Monitor)
  - Oxygen monitor
  - Gas specific monitor
  - Photoionization detector (PID)
- Other instruments/equipment provided by AHJ

*This skill may be performed with either actual air monitoring instruments/equipment or by the use of air monitoring training simulators.

**These may be single-gas air monitoring instrument(s) or a component of a multi-gas air monitoring instrument/device.

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

SAFETY – FFI-7				
Operating an Air Monitoring Instrument				
The firefighter candidate shall operate an air-monitoring instrument, recognize the high- or low-level alarms of the air monitor, and take action to mitigate the hazard.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Placed the instrument(s) into service				
b) Verified the calibration of the instrument(s)				
c) Demonstrated how to use the air monitoring instrument provided				
d) Identified and recorded instrument readings				
e) Identified any high- or low-level alarm(s)				
f) Reported the meaning of any alarm(s)				
g) Verbalized appropriate reaction to the alarm(s)				
h) Verbalized appropriate mitigation actions				
i) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

SALVAGE – FFI-1
Cleaning and Inspecting Salvage Covers

NFPA 1010, 2024 ed. **Preparedness and Maintenance**
6.5.1

JOB PERFORMANCE REQUIREMENTS
Clean and check ladders, ventilation equipment, SCBA, ropes, salvage equipment, and hand tools, given cleaning tools, cleaning supplies, and an assignment, so that equipment is clean and maintained according to manufacturer's or departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise. (6.5.1)

OBJECTIVE
The firefighter candidate shall clean and inspect a salvage cover.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given a salvage cover and the appropriate cleaning equipment, you shall verbalize procedures for cleaning the salvage cover and then demonstrate the proper procedures for inspecting the salvage cover for damage.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Firefighter candidate is allowed to have assistants hold the cover above their heads while looking for holes during the inspection portion of the skill.

PREPARATION & EQUIPMENT
- Salvage cover, 12'x14' minimum
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

SALVAGE – FFI-1				
Cleaning and Inspecting Salvage Covers				
The firefighter candidate shall clean and inspect a salvage cover.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Spread the salvage cover flat for cleaning				
b) Verbalized procedures for cleaning a salvage cover according to manufacturer's/departmental guidelines				
c) Verbalized that the cover should be thoroughly dried before returning it to service				
d) Demonstrated an inspection of the salvage cover for damage				
e) Verbalize salvage cover is placed in a ready state				
f) Followed procedures for recording and reporting damage				
g) Performed skill in a safe and proficient manner				

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SALVAGE – FFI-2
Construction of a Water Chute

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.14

JOB PERFORMANCE REQUIREMENTS
Conserve property as a member of a team, given salvage tools and equipment and an assignment, so that the building and its contents are protected from further damage. (6.3.14)

OBJECTIVE
The firefighter candidate shall construct a water chute.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given a salvage cover and two pike poles, you shall demonstrate the construction of a water chute to remove water.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Salvage cover, 12'x14' minimum
- Pike poles
- 12' minimum straight ladder
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

SALVAGE – FFI-2				
Construction of a Water Chute				
The firefighter candidate shall construct a water chute.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Fully spread the cover out on a flat surface, removing most creases and wrinkles				
b) Placed pike poles at opposite edges of the salvage cover with the pike extending off the end of the cover				
c) Rolled the edges of the cover over the pike poles towards the middle until there is approximately a 3' width between the rolls				
d) Flipped cover over, keeping folds in place				
e) Placed the pike ends of the chute on an elevated, secure surface (ladder)				
f) Extended the other end out of the area being protected for effective removal of water				
g) Performed skill in a safe and proficient manner				

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SALVAGE – FFI-3
Salvage Cover Roll

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.14

JOB PERFORMANCE REQUIREMENTS
Conserve property as a member of a team, given salvage tools and equipment and an assignment, so that the building and its contents are protected from further damage. (6.3.14)

OBJECTIVE
The firefighter candidate, with a team member, shall roll a salvage cover.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given a salvage cover that is fully open on a flat surface, you and a partner shall demonstrate the proper method for rolling a salvage cover.

You will begin on my instruction to start. The skill will end when you state to me that you have completed the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Salvage cover, 12'x14' minimum
- PPE appropriate for the skill

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Candidate:_____

Training Provider:_____

SALVAGE – FFI-3				
Salvage Cover Roll				
The firefighter candidate, with a team member, shall roll a salvage cover.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Folded cover lengthwise, per AHJ				
b) Rolled and compressed one end to complete a tight compact roll				
c) Performed skill in a safe and proficient manner				

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SALVAGE – FFI-4

One-Firefighter Salvage Cover Deployment and Fold

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.14

JOB PERFORMANCE REQUIREMENTS

Conserve property as a member of a team, given salvage tools and equipment and an assignment, so that the building and its contents are protected from further damage. (6.3.14)

OBJECTIVE

The firefighter candidate shall deploy a folded salvage cover for a one firefighter method, then fold the salvage cover to a ready state for reuse.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE

Given a salvage cover, you shall demonstrate deploying a folded salvage cover one-firefighter method and then fold the salvage cover to a ready state for reuse.

You will begin on my instruction to start. The skill will end when you state to me that you have completed the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE

The firefighter candidate is allowed to have an assistant to help fold the salvage cover when returning the cover to a ready state for reuse.

PREPARATION & EQUIPMENT

- Salvage cover, 12’x14’ minimum
- Objects to cover, such as straight back chairs
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

SALVAGE – FFI-4				
One-Firefighter Salvage Cover Deployment and Fold				
The firefighter candidate shall deploy a folded salvage cover for a one firefighter method, then fold the salvage cover to a ready state for reuse.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Clustered objects together, then started in the middle of the cluster and unfolded one side of the cover over the objects to be covered				
b) Opened the other end of the cover over the objects in the same manner and straightened the cover				
c) Tucked in the loose edges at the bottom				
d) Verbalized contents are protected from further damage				
e) Removed cover and refolded according to AHJ				
f) Verbalized salvage cover is ready for reuse				
g) Performed skill in a safe and proficient manner				

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SALVAGE – FFI-5

Two-Firefighter Salvage Cover Deployment and Fold

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.14

JOB PERFORMANCE REQUIREMENTS

Conserve property as a member of a team, given salvage tools and equipment and an assignment, so that the building and its contents are protected from further damage. (6.3.14)

OBJECTIVE

The firefighter candidate, with a team member, shall deploy a folded salvage cover for a two-firefighter method, then fold the salvage cover to a ready state for reuse.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE

Given a salvage cover, you shall demonstrate deploying a folded salvage cover two-firefighter method and then fold the salvage cover to a ready state for reuse.

You will begin on my instruction to start. The skill will end when you state to me that you have completed the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT

- Salvage cover, 12’x14’ minimum
- Objects to cover, such as straight back chairs
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

SALVAGE – FFI-5				
Two-Firefighter Salvage Cover Deployment and Fold				
The firefighter candidate, with a team member, shall deploy a folded salvage cover for a two-firefighter method, then fold the salvage cover to a ready state for reuse.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Clustered objects together				
b) Stretched the cover along one side of the objects and separated the last half fold				
c) Together, lifted the cover quickly so that it fills with air like a balloon				
d) Moved quickly to the other side of the objects to spread the cover over them				
e) Straightened the cover and tucked in the edges				
f) Verbalized contents are protected from further damage				
g) Removed cover and folded according to AHJ				
h) Verbalized salvage cover is ready for reuse				
i) Performed skill in a safe and proficient manner				

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SALVAGE – FFI-6
Debris Removal

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.14

JOB PERFORMANCE REQUIREMENTS
Conserve property as a member of a team, given salvage tools and equipment and an assignment, so that the building and its contents are protected from further damage. (6.3.14)

OBJECTIVE
The firefighter candidate shall remove debris and charred material.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given a simulated fire situation, you shall demonstrate the procedures for debris removal. You shall verbalize key steps while performing this skill.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system
- Salvage covers, 12’x14’ minimum
- Assorted hand tools
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

SALVAGE – FFI-6				
Debris Removal				
The firefighter candidate shall remove debris and charred material.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Used appropriate equipment for debris removal				
b) Separated, removed, and relocated debris or charred material to a safe location				
c) Protected the area of origin for cause determination				
d) Verbalized methods for protecting contents from further damage				
e) Performed skill in a safe and proficient manner				

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

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Instructor Date

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SALVAGE – FFI-7
Covering an Opening in a Structure

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.14

JOB PERFORMANCE REQUIREMENTS
Conserve property as a member of a team, given salvage tools and equipment and an assignment, so that the building and its contents are protected from further damage. (6.3.14)

OBJECTIVE
The firefighter candidate shall cover an opening to secure the identified building and contents from further damage.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall select the appropriate material(s) from an assortment of materials provided and properly cover the openings to secure the identified building and contents from further damage.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Hammer or electric drill/driver, electric or battery-powered
- Assorted fasteners (nails, screws)
- Plywood
- Heavy plastic
- Roofing/tar paper
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

SALVAGE – FFI-7				
Covering an Opening in a Structure				
The firefighter candidate shall cover an opening to secure the identified building and contents from further damage.				
The candidate:	**ATTEMPT 1**		**ATTEMPT 2**	
Door or Window	**S**	**U**	**S**	**U**
a) Selected plywood, heavy plastic, or similar material to keep rain out				
b) Used a sufficient amount of material to cover the opening completely to keep out the elements				
c) Tacked the edges down to close the opening completely				
d) Protected building and contents from further damage				
e) Performed skill in a safe and proficient manner				
Roof	**S**	**U**	**S**	**U**
a) Selected plywood, roofing/tarpaper, or heavy plastic				
b) Used a sufficient amount of material to cover the opening completely to keep out the elements				
c) Used appropriate nails to secure material				
d) Protected building and contents from further damage				
e) Performed skill in a safe and proficient manner				
Floor	**S**	**U**	**S**	**U**
a) Selected plywood				
b) Used a sufficient amount of material to cover the opening completely, to keep out the elements				
c) Used appropriate nails				
d) Protected building and contents from further damage				
e) Performed skill in a safe and proficient manner				

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SALVAGE – FFI-8
Construction of a Catch-All

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.14

JOB PERFORMANCE REQUIREMENTS
Conserve property as a member of a team, given salvage tools and equipment and an assignment, so that the building and its contents are protected from further damage. (6.3.14)

OBJECTIVE
The firefighter candidate shall remove debris and charred material.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given a simulated fire situation, you shall demonstrate the procedures for debris removal. You shall verbalize key steps while performing this skill.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system
- Salvage covers
- Assorted hand tools
- PPE appropriate for the skill

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Candidate:_____

Training Provider:_____

SALVAGE – FFI-8				
Construction of a Catch-All				
The firefighter candidate, working with a team member, shall construct a catch-all.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Fully spread the cover out, removing most creases and wrinkles				
b) Rolled one long edge or side inwards about 3’				
c) Rolled the opposite long edge or side inwards about 3’				
d) Laid the ends (the four corners) of each “side roll” over at a 90° angle to form the basin corners				
e) Rolled one end into a tight roll down to and on top of the side rolls, forming a projected flap at each corner				
f) Tucked the projected flap up, into, and under the side rolls, locking the corners				
g) Rolled the remaining end into a tight roll down to and on top of the side rolls, forming a projected flap at each corner				
h) Tucked the projected flaps up, into, and under the side rolls, locking the corners				
i) Protected building and contents from further damage				
j) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

SCBA – FFI-1
Replacing a Low-Air SCBA Cylinder

NFPA 1010, 2024 ed. **Fireground Operations &**
6.3.1, 6.5.1 **Preparedness and Maintenance**

JOB PERFORMANCE REQUIREMENTS
Use self-contained breathing apparatus (SCBA) during emergency operations, given SCBA and other PPE, so that the SCBA is correctly donned, the SCBA is correctly worn, controlled breathing techniques are used, emergency procedures are enacted if the SCBA fails, all low-air warnings are recognized, respiratory protection is not intentionally compromised, and hazardous areas are exited prior to air depletion. (6.3.1)

Clean and check ladders, ventilation equipment, SCBA, ropes, salvage equipment, and hand tools, given cleaning tools, cleaning supplies, and an assignment, so that equipment is clean and maintained according to manufacturer's or departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise. (6.5.1)

OBJECTIVE
The firefighter candidate shall replace a low-air SCBA cylinder.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall be given an SCBA with a low-air cylinder and will be required to demonstrate the proper procedure for replacing it. You shall verbalize the PSI.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Self-Contained Breathing Apparatus with low-air cylinder
- Fully charged air cylinder
- PPE appropriate for the skill

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Candidate:_____

Training Provider:_____

SCBA – FFI-1				
Replacing a Spent SCBA Cylinder				
The firefighter candidate shall replace a spent SCBA cylinder.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Placed SCBA on a flat surface				
b) Turned off cylinder valve				
c) Opened purge valve to bleed off the air pressure				
d) Disconnected the cylinder from the high-pressure coupling (hose or quick connect)				
e) Released cylinder from the backpack and removed cylinder				
f) Inspected the “O” ring in the high-pressure connection				
g) Placed and secured a full cylinder into the backpack				
h) Connected the cylinder to the high-pressure coupling (hose or quick connect)				
i) Opened the cylinder valve and checked remote gauge reading (verbalized PSI)				
j) Closed cylinder valve and bled air slowly using the purge valve				
k) Recognized low air warning/alarm is functioning and verbalized air remaining (e.g., 1/3 or 33%)				
l) Verbalized recording and reporting procedures, as per AHJ				
m) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

SCBA – FFI-2
Operational Inspection of SCBA and PASS Device

NFPA 1010, 2024 ed. **Preparedness and Maintenance**
6.5.1

JOB PERFORMANCE REQUIREMENTS
Clean and check ladders, ventilation equipment, SCBA, ropes, salvage equipment, and hand tools, given cleaning tools, cleaning supplies, and an assignment, so that equipment is clean and maintained according to manufacturer's or departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise. (6.5.1)

OBJECTIVE
The firefighter candidate shall inspect an SCBA and PASS device.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given an SCBA with PASS device, you shall demonstrate the operational inspection of the SCBA unit and PASS device. You shall verbalize the mandatory steps while performing this skill.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Self-Contained Breathing Apparatus with charged air cylinder
- Personal alert safety system (PASS)
- PPE appropriate for the skill

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Candidate:_____

Training Provider:_____

SCBA – FFI-2				
Operational Inspection of SCBA and PASS Device				
The firefighter candidate shall inspect an SCBA and PASS device.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Inspected the backpack's harness straps for cleanliness and damage				
b) Inspected the cylinder for cleanliness and damage				
c) Opened the cylinder and checked for air leaks				
d) Compared the cylinder gauge pressure to remote pressure gauge				
e) Verbalized all pressure gauge reading in PSI (should be within 100 PSI)				
f) Operated PASS device in all modes				
g) Inspected the facepiece for damage				
h) Inspected operation of all facepiece accessories present				
i) Donned facepiece and checked seal				
j) Attached regulator to facepiece and checked function by breathing				
k) Operated purge/bypass valve				
l) Closed cylinder valve, relieved pressure, and properly checked low-pressure alarm				
m) Placed in ready state, or reported otherwise				
n) Verbalized recording and reporting procedures, as per AHJ				
o) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

SCBA – FFI-3
Cleaning and Sanitizing SCBA

NFPA 1010, 2024 ed. **Preparedness and Maintenance**
6.5.1

JOB PERFORMANCE REQUIREMENTS
Clean and check ladders, ventilation equipment, SCBA, ropes, salvage equipment, and hand tools, given cleaning tools, cleaning supplies, and an assignment, so that equipment is clean and maintained according to manufacturer's or departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise. (6.5.1)

OBJECTIVE
The firefighter candidate shall clean and sanitize an SCBA.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You will be given an SCBA. You shall clean and sanitize the SCBA.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Self-Contained Breathing Apparatus with charged air cylinder
- Manufacturer approved cleaning agent (for SCBA)
- Manufacturer approved cleaning equipment (for SCBA)
- Manufacturer approved sanitizing agent (for SCBA)
- PPE appropriate for the skill

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Candidate:_____

Training Provider:_____

SCBA – FFI-3				
Cleaning and Sanitizing SCBA				
The firefighter candidate shall clean and sanitize an SCBA.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Donned PPE appropriate to the skill				
b) Cleaned unit with soap and water per manufacturer's recommendations				
c) Did not allow water to get into regulator assembly or electronics				
d) Disinfected facepiece with cleaner/sanitizer per manufacturer's recommendations				
e) Cleaned and dried unit using proper procedures				
f) Placed in ready state, or reported otherwise				
g) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

SCBA – FFI-4
Donning Breathing Apparatus Using the Coat Method

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.1

JOB PERFORMANCE REQUIREMENTS
Use self-contained breathing apparatus (SCBA) during emergency operations, given SCBA and other personal protective equipment, so that the SCBA is correctly donned, the SCBA is correctly worn, controlled breathing techniques are used, emergency procedures are enacted if the SCBA fails, all low-air warnings are recognized, respiratory protection is not intentionally compromised, and hazardous areas are exited prior to air depletion. (6.3.1)

OBJECTIVE
The firefighter candidate shall don an SCBA using the Coat Method.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
With the SCBA lying on the ground, back plate up, you shall don the breathing apparatus using the Coat Method. You shall verbalize the mandatory steps while performing this skill.

You will begin on my instruction to start. The skill will stop when all identified steps have been accomplished and you put your hands in the air to signal that you are finished with this skill. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.1 – The Firefighter I should already be wearing full protective clothing prior to the beginning of this SCBA-donning procedure. In addition to fully donning and activating the SCBA, the Firefighter I should also replace any personal protective clothing (i.e., gloves, protective hood, helmet, etc.) displaced during the donning procedure and activate the personal alert safety system (PASS) device.

PREPARATION & EQUIPMENT
- Self-Contained Breathing Apparatus with charged air cylinder
- Personal alert safety system (PASS)
- PPE appropriate for the skill

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Candidate:_____

Training Provider:_____

SCBA – FFI-4				
Donning Breathing Apparatus Using the Coat Method				
The firefighter candidate shall don an SCBA using the Coat Method.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Began procedure with PPE properly donned				
b) Checked cylinder gauge, verbalized PSI				
c) Turned the cylinder valve on fully and listened for alarm				
d) Confirmed and verbalized that PASS device is on				
e) Properly positioned SCBA unit on their back using the Coat Method				
f) Fastened and adjusted straps				
g) Donned facepiece and checked for proper seal				
h) Donned PPE properly, no skin exposed and collar fastened with helmet chin strap securely fastened under chin				
i) Attached regulator to facepiece and checked function by breathing				
j) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

SCBA – FFI-5
Donning Breathing Apparatus Using the Over-the-Head Method

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.1

JOB PERFORMANCE REQUIREMENTS
Use self-contained breathing apparatus (SCBA) during emergency operations, given SCBA and other personal protective equipment, so that the SCBA is correctly donned, the SCBA is correctly worn, controlled breathing techniques are used, emergency procedures are enacted if the SCBA fails, all low-air warnings are recognized, respiratory protection is not intentionally compromised, and hazardous areas are exited prior to air depletion. (6.3.1)

OBJECTIVE
The firefighter candidate shall don an SCBA using the Over-the-Head Method.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
With the SCBA laying on the ground, back plate up, you shall don the breathing apparatus using the Over-the-Head Method.

You will begin on my instruction to start. The skill will end when all identified steps have been accomplished and you put your hands in the air to signal that you are finished with this skill. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.1 – The Firefighter I should already be wearing full protective clothing prior to the beginning of this SCBA-donning procedure. In addition to fully donning and activating the SCBA, the Firefighter I should also replace any personal protective clothing (i.e., gloves, protective hood, helmet, etc.) displaced during the donning procedure and activate the personal alert safety system (PASS) device.

PREPARATION & EQUIPMENT
- Self-Contained Breathing Apparatus with charged air cylinder
- Personal alert safety system (PASS)
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

SCBA – FFI-5				
Donning Breathing Apparatus Using the Over-the-Head Method				
The firefighter candidate shall don an SCBA using the Over-the-Head Method.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Began procedure with PPE properly donned				
b) Checked cylinder gauge, verbalized PSI				
c) Turned the cylinder valve on fully and listened for alarm				
d) Confirmed and verbalized that PASS device is on				
e) Properly positioned SCBA unit on their back using the Over-the-Head Method				
f) Fastened and adjusted straps				
g) Donned facepiece and checked for proper seal				
h) Donned PPE properly, no skin exposed and collar fastened with helmet chin strap securely fastened under chin				
i) Attached regulator to facepiece and checked function by breathing				
j) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

SCBA – FFI-6
Donning Breathing Apparatus Using the Compartment-Mounted Method

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.1

JOB PERFORMANCE REQUIREMENTS
Use self-contained breathing apparatus (SCBA) during emergency operations, given SCBA and other personal protective equipment, so that the SCBA is correctly donned, the SCBA is correctly worn, controlled breathing techniques are used, emergency procedures are enacted if the SCBA fails, all low-air warnings are recognized, respiratory protection is not intentionally compromised, and hazardous areas are exited prior to air depletion. (6.3.1)

OBJECTIVE
The firefighter candidate shall don an SCBA using the Compartment-Mounted Method.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall demonstrate the procedure for donning the SCBA using the Compartment-Mounted Method.

You will begin on my instruction to start. The skill will stop when all identified steps have been accomplished and you put your hands in the air and signal that you are finished with this skill. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.1 – The Firefighter I should already be wearing full protective clothing prior to the beginning of this SCBA-donning procedure. In addition to fully donning and activating the SCBA, the Firefighter I should also replace any personal protective clothing (i.e., gloves, protective hood, helmet, etc.) displaced during the donning procedure and activate the personal alert safety system (PASS) device.

PREPARATION & EQUIPMENT
- Fire apparatus with SCBA compartment mount
- Self-Contained Breathing Apparatus with charged air cylinder
- Personal alert safety system (PASS)
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

SCBA – FFI-6				
Donning Breathing Apparatus Using the Compartment-Mounted Method				
The firefighter candidate shall don an SCBA using the Compartment-Mounted Method.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Began procedure with PPE properly donned				
b) Checked cylinder gauge, verbalized PSI				
c) Turned the cylinder valve on fully and listened for alarm				
d) Confirmed and verbalized that PASS device is on				
e) Properly positioned SCBA unit on their back using the Compartment-Mounted Method				
f) Fastened and adjusted straps				
g) Donned facepiece and checked for proper seal				
h) Donned PPE properly, no skin exposed and collar fastened with helmet chin strap securely fastened under chin				
i) Attached regulator to facepiece and checked function by breathing				
j) Performed skill in a safe and proficient manner				

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SCBA – FFI-7
Donning Breathing Apparatus Using the Seat-Mounted Method

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.1

JOB PERFORMANCE REQUIREMENTS
Use self-contained breathing apparatus (SCBA) during emergency operations, given SCBA and other personal protective equipment, so that the SCBA is correctly donned, the SCBA is correctly worn, controlled breathing techniques are used, emergency procedures are enacted if the SCBA fails, all low-air warnings are recognized, respiratory protection is not intentionally compromised, and hazardous areas are exited prior to air depletion. (6.3.1)

OBJECTIVE
The firefighter candidate shall don an SCBA using the Seat-Mounted Method.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
While wearing full firefighter protective clothing, you shall demonstrate the procedure for donning the SCBA using the Seat-Mounted Method.

You will begin on my instruction to start. The skill will end when all identified steps have been accomplished and you put your hands in the air and signal that you are finished with this skill. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.1 – The Firefighter I should already be wearing full protective clothing prior to the beginning of this SCBA-donning procedure. In addition to fully donning and activating the SCBA, the Firefighter I should also replace any personal protective clothing (i.e., gloves, protective hood, helmet, etc.) displaced during the donning procedure and activate the personal alert safety system (PASS) device.

SAFETY NOTE
Apparatus should NOT be in motion during the skill. Apparatus movement after all passengers are buckled shall be simulated.

PREPARATION & EQUIPMENT
- Fire apparatus with SCBA seat mount
- Self-Contained Breathing Apparatus with charged air cylinder
- Personal alert safety system (PASS)
- PPE appropriate for the skill

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Candidate:_____

Training Provider:_____

SCBA – FFI-7				
Donning Breathing Apparatus Using the Seat-Mounted Method				
The firefighter candidate shall don an SCBA using the Seat-Mounted Method.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Began procedure with PPE properly donned				
b) Seated properly				
c) Placed arms through SCBA shoulder straps, and fastened chest and waist straps				
d) Fastened seatbelt before apparatus gets underway				
e) Unbuckled seatbelt once apparatus comes to complete stop				
f) Dismounted the apparatus safely to ground level				
g) Tightened and adjusted straps				
h) Turned cylinder valve on fully and verbally indicated listening for alarm				
i) Confirmed and verbalized that PASS device is on				
j) Checked shoulder harness gauge, verbalized PSI				
k) Requested cylinder gauge reading verification				
l) Donned and secured facepiece, checked for proper seal				
m) Donned PPE properly, no skin exposed, collar fastened, and helmet chin strap securely fastened under chin				
n) Attached regulator to facepiece and checked function by breathing				
o) Performed skill in a safe and proficient manner				

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SCBA – FFI-8
Controlled Breathing

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.1, 6.3.5

JOB PERFORMANCE REQUIREMENTS
Use self-contained breathing apparatus (SCBA) during emergency operations, given SCBA and other personal protective equipment, so that the SCBA is correctly donned, the SCBA is correctly worn, controlled breathing techniques are used, emergency procedures are enacted if the SCBA fails, all low-air warnings are recognized, respiratory protection is not intentionally compromised, and hazardous areas are exited prior to air depletion. (6.3.1)

Exit a hazardous area as a team, given vision-obscured conditions, so that a safe haven is found before exhausting the air supply, others are not endangered, and the team integrity is maintained. (6.3.5)

OBJECTIVE
The firefighter candidate shall control breathing while wearing an SCBA.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
While wearing full personal protective clothing, you shall be given an SCBA in full operation. You will be provided with a fire ground operation to perform. You shall demonstrate controlled breathing.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.1 – The Firefighter I should already be wearing full protective clothing prior to the beginning of this SCBA-donning procedure. In addition to fully donning and activating the SCBA, the Firefighter I should also replace any personal protective clothing (i.e., gloves, protective hood, helmet, etc.) displaced during the donning procedure and activate the personal alert safety system (PASS) device.

Annex 6.3.5 – When training exercises are intended to simulate emergency conditions, smoke-generating devices that do not create a hazard are required. Several accidents have occurred when smoke bombs or other smoke-generating devices that produce a toxic atmosphere have been used for training exercises. All exercises should be conducted in accordance with the requirements of NFPA 1404.

PREPARATION & EQUIPMENT
- Self-Contained Breathing Apparatus with charged air cylinder

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- Personal alert safety system (PASS)
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

SCBA – FFI-8				
Controlled Breathing				
The firefighter candidate shall control breathing while wearing an SCBA.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Inhaled through the nose				
b) Exhaled through the mouth				
c) Performed steps a) and b) for four (4) more cycles				
d) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

SCBA – FFI-9
Air Supply Conservation Techniques

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.1, 6.3.5

JOB PERFORMANCE REQUIREMENTS
Use self-contained breathing apparatus (SCBA) during emergency operations, given SCBA and other personal protective equipment, so that the SCBA is correctly donned, the SCBA is correctly worn, controlled breathing techniques are used, emergency procedures are enacted if the SCBA fails, all low-air warnings are recognized, respiratory protection is not intentionally compromised, and hazardous areas are exited prior to air depletion. (6.3.1)

Exit a hazardous area as a team, given vision-obscured conditions, so that a safe haven is found before exhausting the air supply, others are not endangered, and the team integrity is maintained. (6.3.5)

OBJECTIVE
The firefighter candidate shall demonstrate emergency procedures for conserving air by using the technique known as skip-breathing and Reilly (humming) technique.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
While wearing full protective clothing and an SCBA, you will demonstrate emergency procedures for conserving air by using the technique known as skip-breathing and Reilly (humming) technique.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.1 – The Firefighter I should already be wearing full protective clothing prior to the beginning of this SCBA-donning procedure. In addition to fully donning and activating the SCBA, the Firefighter I should also replace any personal protective clothing (i.e., gloves, protective hood, helmet, etc.) displaced during the donning procedure and activate the personal alert safety system (PASS) device.

PREPARATION & EQUIPMENT
- Self-Contained Breathing Apparatus with charged air cylinder
- Personal alert safety system (PASS)
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

SCBA – FFI-9				
Air Supply Conservation Techniques				
The firefighter candidate shall demonstrate emergency procedures for conserving air by using the technique known as skip-breathing and Reilly (humming) technique.				
Skip Breathing	**ATTEMPT 1**		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Took a regular breath				
b) Held breath for about as long as it would normally take to exhale it				
c) Took a second breath				
d) Exhaled slowly				
e) Performed skill in a safe and proficient manner				
Reilly Technique	**ATTEMPT 1**		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Inhaled slowly through the nose				
b) Exhaled while making a humming sound				
c) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

SCBA – FFI-10
Restricted Passage

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.1

JOB PERFORMANCE REQUIREMENTS
Use self-contained breathing apparatus (SCBA) during emergency operations, given SCBA and other personal protective equipment, so that the SCBA is correctly donned, the SCBA is correctly worn, controlled breathing techniques are used, emergency procedures are enacted if the SCBA fails, all low-air warnings are recognized, respiratory protection is not intentionally compromised, and hazardous areas are exited prior to air depletion. (6.3.1)

OBJECTIVE
The firefighter candidate shall maneuver through a restricted passage while wearing full personal protective equipment including SCBA.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You will be presented with a restricted passage. While wearing full personal protective equipment including SCBA, you shall safely maneuver through the restricted passage.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.1 – The Firefighter I should already be wearing full protective clothing prior to the beginning of this SCBA-donning procedure. In addition to fully donning and activating the SCBA, the Firefighter I should also replace any personal protective clothing (i.e., gloves, protective hood, helmet, etc.) displaced during the donning procedure and activate the personal alert safety system (PASS) device.

PREPARATION & EQUIPMENT
- Self-Contained Breathing Apparatus with charged air cylinder
- Personal alert safety system (PASS)
- Restricted passage prop
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

SCBA – FFI-10				
Restricted Passage				
The firefighter candidate shall maneuver through a restricted passage while wearing full personal protective equipment including SCBA.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Loosened straps or removed SCBA unit to reduce profile				
b) Maneuvered through restricted passage				
c) Maintained facepiece seal or adjusted, if necessary				
d) Maintained continuous contact with SCBA unit				
e) Once through restricted passage, readjusted straps or redonned SCBA unit				
f) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

VENTILATION – FFI-1
Horizontal Ventilation

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.11

JOB PERFORMANCE REQUIREMENTS
Perform horizontal ventilation on a structure operating as part of a team, given an assignment, personal protective equipment, ventilation tools, equipment, and ladders, so that the ventilation openings are free of obstructions, tools are used as designed, ladders are correctly placed, ventilation devices are correctly placed, and the structure is cleared of smoke. (6.3.11)

OBJECTIVE
The firefighter candidate, while operating as a team member, shall perform horizontal ventilation.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall perform horizontal ventilation on a structure as part of a team, given personal protective equipment, ladders, and tools, so that ladders are positioned for ventilation, a specified opening is created, all ventilation barriers are removed, structural integrity is not compromised, products of combustion are released from the structure, and the team retreats from the area when ventilation is accomplished. You shall perform this skill in a safe and proficient manner.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
During this instructional skill, smoke is optional and can be simulated or artificial.

PREPARATION & EQUIPMENT
- Ventilation prop
- Fan, gasoline, electric, or battery-powered (e.g., PPV, exhaust fan, etc.)
- Appropriate length and size of hose with nozzle, minimum 1½”
- Tools appropriate for the scenario (chainsaw, axe, pike pole, etc.)
- Ladders appropriate for the skill
- PPE appropriate for the skill
- Smoke generator (optional)

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

VENTILATION – FFI-1				
Horizontal Ventilation				
The firefighter candidate, while operating as a team member, shall perform horizontal ventilation.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Transported ventilation tools and equipment and ladders as required for scenario				
b) Operated ventilation tools and equipment safely				
c) Placed ladders correctly as required for scenario				
d) Used safe procedures for breaking window and door glass and removing obstructions as required for scenario				
e) Placed ventilation devices correctly as required for scenario				
f) Ensured ventilation openings are free of obstructions				
g) Used tools as designed				
h) Verbalized structure is clear of smoke				
i) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

VENTILATION – FFI-2
Vertical Ventilation

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.12

JOB PERFORMANCE REQUIREMENTS
Perform vertical ventilation on a structure as part of a team, given an assignment, personal protective equipment, ground and roof ladders, and tools, so that ladders are positioned for ventilation, a specified opening is created, all ventilation barriers are removed, structural integrity is not compromised, products of combustion are released from the structure, and the team retreats from the area when ventilation is accomplished. (6.3.12)

OBJECTIVE
The firefighter candidate, while operating as a team member, shall perform vertical ventilation.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall perform vertical ventilation on a structure as part of a team, given personal protective equipment, ground and roof ladders, and tools, so that ladders are positioned for ventilation, a specified opening is created, all ventilation barriers are removed, structural integrity is not compromised, products of combustion are released from the structure, and the team retreats from the area when ventilation is accomplished.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
During this instructional skill, smoke is optional and can be simulated or artificial.

PREPARATION & EQUIPMENT
- Ventilation scenario
- Ventilation prop
- Fan, gasoline, electric, or battery-powered (e.g., PPV, exhaust fan, etc.)
- Appropriate length and size of hose with nozzle, minimum 1½”
- Tools appropriate for the scenario (chainsaw, axe, pike pole, etc.)
- 14’ ladder with folding hooks
- 24’ extension ladder, minimum
- PPE appropriate for the skill
- Smoke generator (optional)

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

VENTILATION – FFI-2				
Vertical Ventilation				
The firefighter candidate, while operating as a team member, shall perform vertical ventilation.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Transported ventilation tools and equipment				
b) Started and shutdown tool to verify functionality				
c) Selected, carried, deployed, and secured ground ladders for ventilation activities				
d) Deployed roof ladders on pitched roofs while secured to a ground ladder				
e) Sounded roof for integrity				
f) Hoisted or carried ventilation tools to a roof as required for scenario				
g) Cut roofing and flooring materials to vent flat roofs, pitched roofs, and basements as required for scenario				
h) Maintained structural integrity				
i) Cleared an opening with hand tools				
j) Used tools as designed				
k) Verbalized that all ventilation barriers were removed and products of combustion were released				
l) Retreated from area when ventilation is accomplished				
m) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

VENTILATION – FFI-3
Cleaning and Inspecting Ventilation Equipment

NFPA 1010, 2024 ed. **Preparedness and Maintenance**
6.5.1

JOB PERFORMANCE REQUIREMENTS
Clean and check ladders, ventilation equipment, SCBA, ropes, salvage equipment, and hand tools, given cleaning tools, cleaning supplies, and an assignment, so that equipment is clean and maintained according to manufacturer's or departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise. (6.5.1)

OBJECTIVE
The firefighter candidate shall clean, inspect, and check ventilation equipment so that equipment is maintained according to manufacturer's or departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given tools used for ventilation and the appropriate cleaning equipment, you shall verbalize and perform the proper techniques for cleaning and inspecting each ventilation tool.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Fan, gasoline, electric, or battery-powered (e.g., PPV, exhaust fan, etc.)
- Reciprocating saw, electric or battery-powered **OR** chainsaw, gasoline or battery-powered
- Manufacturer approved cleaning agent
- Manufacturer approved cleaning equipment
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

VENTILATION – FFI-3				
Cleaning and Inspecting Ventilation Equipment				
The firefighter candidate shall clean, inspect, and check ventilation equipment so that equipment is maintained according to manufacturer's or departmental guidelines, maintenance is recorded, and equipment is placed in a ready state or reported otherwise.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Cleaned and dried tool according to manufacturer's or departmental guidelines				
b) Inspected tool for any damage				
c) Inspected any safety guards present on the tool				
d) Checked fuel level (if applicable)				
e) Checked tool for proper operation				
f) Returned tool to a ready state or reported otherwise				
g) Recorded maintenance performed				
h) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

WATER SOURCE – FFI-1
Supply Hose to Hydrant

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.15

JOB PERFORMANCE REQUIREMENTS
Connect a fire department pumper to a water supply as a member of a team, given supply or intake hose, hose tools, and a fire hydrant or static water source, so that connections are tight and water flow is unobstructed. (6.3.15)

OBJECTIVE
The firefighter candidate, operating as a team member, shall connect a pumper apparatus to a fire hydrant using a forward lay and a reverse lay.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall demonstrate the proper technique for connecting a 2½ inch or larger soft supply hose to a hydrant. Once the hose has been connected to the hydrant and the intake of the apparatus, you shall then fully open and close the hydrant.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system
- 2½" soft supply hose, minimum
- Fire hydrant
- Hydrant wrench
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

WATER SOURCE – FFI-1				
Supply Hose to Hydrant				
The firefighter candidate, operating as a team member, shall connect a pumper apparatus to a fire hydrant using a forward lay and a reverse lay.				
The candidate:	**ATTEMPT 1**		**ATTEMPT 2**	
Forward Lay	**S**	**U**	**S**	**U**
a) Obtained a hydrant wrench from apparatus				
b) Removed sufficient hose to reach the hydrant				
c) Secured the hose, per AHJ				
d) Signaled driver to proceed to the fire				
e) Flushed hydrant				
f) Connected hose to the hydrant				
g) Connected other hose coupling to pump intake				
h) Fully opened hydrant				
i) Removed all kinks from the hose				
j) Fully closed hydrant when water source is no longer needed				
k) Performed skill in a safe and proficient manner				
Reverse Lay	**S**	**U**	**S**	**U**
a) Removed sufficient hose and tools at the fire scene				
b) Secured the hose per AHJ				
c) Signaled driver to proceed to the hydrant				
d) Connected hose to appliance at fire scene				
e) Flushed hydrant				
f) Made appropriate hydrant connection to pump intake				
g) Connected other hose coupling to pump discharge				
h) Fully opened hydrant				
i) Removed all kinks from the hose				

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j) Fully closed hydrant when water source is no longer needed				
k) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

WATER SOURCE – FFI-2
Hand Laying Supply Line

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.15

JOB PERFORMANCE REQUIREMENTS
Connect a fire department pumper to a water supply as a member of a team, given supply or intake hose, hose tools, and a fire hydrant or static water source, so that connections are tight and water flow is unobstructed. (6.3.15)

OBJECTIVE
The firefighter candidate, operating as a team member, shall hand lay hose to connect a pumper apparatus to a water source.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given the proper equipment as a member of a team, you shall demonstrate the shoulder carry method of hand laying a given size and length of supply line from a pumper to a water source. You will be evaluated on your individual performance.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.6.3.15 – Static water sources can include portable water tanks, ponds, creeks, and so forth.

A minimum of 2½" hose and a minimum of 200' of hose must be deployed.

PREPARATION & EQUIPMENT
- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system
- Sufficient amount of 2½" supply hose
- Water source (Pressurized and/or Static; NFPA 1403 compliant)
- Tools and adaptors appropriate for the skill
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

WATER SOURCE – FFI-2				
Hand Laying Supply Line				
The firefighter candidate, operating as a team member, shall hand lay hose to connect a pumper apparatus to a water source.				
Firefighter #1 – Deploys Hose	**ATTEMPT 1**		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Positioned on the rear step of the apparatus				
b) Deployed supply hose on to firefighters				
c) Uncoupled the hose from hose bed				
d) Made hose connection to pumper				
e) Performed skill in a safe and proficient manner				
Firefighter #2 – Shoulder Carry	**ATTEMPT 1**		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Positioned at the tailboard facing the direction of travel				
b) Brought the hose from behind back onto shoulder so the hose folds at knee level				
c) Continued to make knee-high folds until the appropriate amount of hose is loaded				
d) Held the hose to prevent it from slipping off the shoulder				
e) Moved forward approximately 15’				
f) Advanced the hose with firefighter #3 toward the water source while flaking hose off the shoulder				
g) Used adapters and tools to connect hose to the water source				
h) Performed skill in a safe and proficient manner				
Firefighter #3 – Shoulder Carry	**ATTEMPT 1**		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Positioned at the tailboard facing the direction of travel				
b) Loaded hose onto the shoulder in the same manner as firefighter #2, making knee-high folds until the appropriate amount of hose is loaded				

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c) Advanced the hose with firefighter #2 toward the water source while flaking hose off the shoulder				
d) Performed skill in a safe and proficient manner				

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

WATER SOURCE – FFI-3
Establishing a Portable Water Source Connection

NFPA 1010, 2024 ed. **Fireground Operations**
6.3.15

JOB PERFORMANCE REQUIREMENTS
Connect a fire department pumper to a water supply as a member of a team, given supply or intake hose, hose tools, and a fire hydrant or static water source, so that connections are tight and water flow is unobstructed. (6.3.15)

OBJECTIVE
The firefighter candidate, operating as a team member, shall establish a portable water source connection.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given all the necessary equipment, you shall demonstrate the proper technique for connecting a pumper to a portable water supply source. It will not be necessary for you to actually draft water as a part of this skill.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system
- Two (2) 2½" hard suction (intake) hose or larger (20' total min.) and strainer
- Rubber mallet
- Portable tank with water transfer equipment and appliances
- PPE appropriate for the skill

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

WATER SOURCE – FFI-3				
Establishing a Portable Water Source Connection				
The firefighter candidate, operating as a team member, shall establish a portable water source connection.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Properly deployed portable water tank on a safe surface				
b) Checked gaskets on hard suction hose for dirt or gravel				
c) Made hard suction hose connection to pumper and strainer				
d) Deployed strainer according to manufacturer's or departmental guidelines in an effective manner				
e) Used a rubber mallet to ensure air-tight connections, when necessary				
f) Performed skill in a safe and proficient manner				

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

Comments:

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Instructor Date

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END OF FIREFIGHTER I
INSTRUCTIONAL SKILLS

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INSTRUCTIONAL SKILLS

FIREFIGHTER II

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EDUCATION – FFII-1
Present Fire Safety Information

NFPA 1010, 2024 ed. **Fire and Life Safety Initiatives,**
7.5.2 **Preparedness, and Maintenance**

JOB PERFORMANCE REQUIREMENTS
Present fire safety information to station visitors or small groups, given prepared materials, so that all information is presented, the information is accurate, and questions are answered or referred. (7.5.2)

OBJECTIVE
The firefighter candidate shall present fire safety information to station visitors or small groups, so that all information is presented, the information is accurate, and questions are answered or referred.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall present fire safety information to your examiner, given prepared materials, so that all information is presented, the information is accurate, and questions are answered or referred.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Be prepared to ask questions as part of the skill.

Annex A.7.5.2 – The Firefighter II should be able to present basic information on how to do the following:

1) Stop, drop, and roll when one's clothes are on fire
2) Crawl low under smoke
3) Plan and practice a home escape plan with two ways out of each room (especially sleeping rooms), a meeting place, and how to call the fire department (from the neighbor's house)
4) Alert others to an emergency
5) Call the fire department
6) Test and maintain residential smoke alarms according to manufacturer's instructions

The Firefighter II is not expected to be an accomplished speaker or instructor.

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PREPARATION & EQUIPMENT

Life safety presentation information such as:

- Stop, Drop, Cover Your Face, and Roll
- Crawl Low in Smoke
- EDITH/Home Escape Planning
- Alerting Others to an Emergency
- Calling the Fire Department
- Fire Station Tour
- Residential Smoke Detector Placement, Testing, and Maintenance
- School Exit Plan
- Close Before You Doze
- Get Out, Stay Out
- Electric Energy Systems (Solar, Lithium, etc.)

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Candidate:_____

Training Provider:_____

EDUCATION – FFII-1				
Present Fire Safety Information				
The firefighter candidate shall present fire safety information to station visitors or small groups, so that all information is presented, the information is accurate, and questions are answered or referred.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Reviewed the information to be presented				
b) Ensured all necessary equipment and materials are available				
c) Presented prepared materials using basic presentation skills				
d) Presented information accurately and appropriately for audience				
e) Answered or referred questions as appropriate				
f) Ensured safety of the audience during the presentation				
g) Verbalized how to document presentations				

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FIRE STREAMS – FFII-1
Setting Up a Foam Fire Stream

NFPA 1010, 2024 ed. **Fireground Operations**
7.3.1

JOB PERFORMANCE REQUIREMENTS
Extinguish an ignitable liquid fire, operating as a member of a team, given an assignment, an attack line, PPE, a foam proportioning device, a nozzle, foam concentrates, and a water supply, so that the correct type of foam concentrate is selected for the given fuel and conditions, a properly proportioned foam stream is applied to the surface of the fuel to create and maintain a foam blanket, fire is extinguished, reignition is prevented, team protection is maintained with a foam stream, and the hazard is faced until retreat to safe haven is reached. (7.3.1)

OBJECTIVE
The firefighter candidate shall demonstrate setting up a foam fire stream.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall demonstrate the proper procedure for setting up a foam fire stream with the appropriate equipment.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system
- Equipment necessary for developing a foam stream – Foam eductors, foam nozzles or fog nozzles, and training foam
- Attack fire hose, minimum 1½”
- PPE appropriate for the skill

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Candidate:_____

Training Provider:_____

FIRE STREAMS – FFII-1				
Setting Up a Foam Fire Stream				
The firefighter candidate shall demonstrate setting up a foam fire stream.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Selected correct foam concentrate for given fuel type and conditions				
b) Checked the eductor and nozzle to make sure they are compatible				
c) Ensured the foam concentrate matched the eductor percentage rating				
d) Adjusted eductor if applicable				
e) Attached eductor to engine or hose of proper size				
f) Avoided kinks in the hose				
g) Attached attack hoseline and nozzle to the discharge end of eductor				
h) Opened the foam bucket				
i) Placed the eductor suction hose into the foam				
j) Verbalized water supply pressure as required by the eductor				
k) Performed skill in a safe and proficient manner				

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

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Instructor Date

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FIRE STREAMS – FFII-2
Applying Foam

NFPA 1010, 2024 ed. **Fireground Operations**
7.3.1

JOB PERFORMANCE REQUIREMENTS
Extinguish an ignitable liquid fire, operating as a member of a team, given an assignment, an attack line, personal protective equipment, a foam proportioning device, a nozzle, foam concentrates, and a water supply, so that the correct type of foam concentrate is selected for the given fuel and conditions, a properly proportioned foam stream is applied to the surface of the fuel to create and maintain a foam blanket, fire is extinguished, reignition is prevented, team protection is maintained with a foam stream, and the hazard is faced until retreat to safe haven is reached. (7.3.1)

OBJECTIVE
Given an ignitable liquid fire scenario, the firefighter candidate will select the appropriate foam concentrate for the fuel involved. The candidate shall demonstrate the proper application of a foam stream on the simulated fire for extinguishment.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given an ignitable liquid fire scenario and while operating as a member of a team, you shall select the appropriate foam concentrate for the fuel involved. You shall demonstrate the proper application of a foam stream on the simulated fire for extinguishment.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.7.3.1 – The Firefighter II should be able to accomplish this task with each type of foam concentrate used by the jurisdiction. This could include the use of both Class A and B foam concentrates on appropriate fires. When using Class B foams to attack flammable or combustible liquid fires, the Firefighter II should extinguish a fire of at least 100 ft^2 (9 m^2). The Firefighter II is not expected to calculate application rates and densities. The intent of this JPR can be met in training through the use of training foam concentrates or gas-fired training props.

This skill requires a team member to assist. Only the candidate will be graded for their proficiency.

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PREPARATION & EQUIPMENT

- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system
- Equipment necessary for developing a foam stream – Foam eductors, foam nozzles or fog nozzles, and training foam
- Attack fire hose, minimum 1½”
- Burn building as recommended in NFPA 1402: Standard on Facilities for Fire Training and Associated Props
- PPE appropriate for the skill

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Candidate:_____

Training Provider:_____

FIRE STREAMS – FFII-2				
Applying Foam				
Given an ignitable liquid fire scenario, the firefighter candidate will select the appropriate foam concentrate for the fuel involved. The candidate shall demonstrate the proper application of a foam stream on the simulated fire for extinguishment.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Verbalized correct foam concentrate for given fuel type and conditions				
b) Verbalized the foam concentrate matched the eductor percentage rating				
c) Charged hoseline with water				
d) Opened nozzle to ensure generation of foam				
e) Verbalized water supply pressure as required by the eductor				
f) Advanced to a safe distance from the fire				
g) Applied agent on the fuel in an indirect method: 1. Bounced agent off walls or other obstructions 2. Applied the agent in front of the burning fuel and "rolled" the agent onto the fuel 3. In the absence of a wall or obstruction, gently lobbed the agent onto the burning liquid				
h) Applied the agent in a sufficient rate and amount to extinguish the fire and prevent reignition				
i) Took care not to approach too close to the burning fuel				
j) Took care not to disturb the foam blanket or splash fuel with direct application of the foam stream				
k) Verbalized need for safety hoseline while advancing and retreating				
l) Performed skill in a safe and proficient manner				

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FIRE SAFETY SURVEY – FFII-1

Fire Safety Survey in an Occupied Structure

NFPA 1010, 2024 ed.
7.5.1

Fire and Life Safety Initiatives, Preparedness, and Maintenance

JOB PERFORMANCE REQUIREMENTS

Perform a fire safety survey in an occupied structure, given survey forms and procedures, so that fire and life safety hazards are identified, recommendations for their correction are made to the occupant, and unresolved issues are referred to the proper authority. (7.5.1)

OBJECTIVE

The firefighter candidate shall perform a fire safety survey in an occupied structure, so that fire and life safety hazards are identified, recommendations for their correction are made to the occupant, and unresolved issues are referred to the proper authority.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE

Given an occupied structure, survey forms and the appropriate procedures, you shall demonstrate how to conduct a fire safety survey.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE

The space to be surveyed must have a minimum of two life safety hazards for the firefighter candidate to identify.

INSTRUCTOR NOTE

Annex A.7.5.1 – It is the intent of the committee to recognize that there are response areas that do not have private dwellings. The term occupied structure allows for greater flexibility and for the AHJ to determine which structures could be used for performing a fire safety survey. A fire safety survey is intended to be a basic survey of the property to identify major hazards such as locked exits, nonoperational fire protection and detection systems, a lack of smoke alarms in residential occupancies, non-operational water supplies, hazardous interior finishes, hazardous storage, and other items identified on the survey form. It is not intended to be a fire inspection conducted to the job performance requirements of a Fire Inspector as identified in NFPA 1031 (as incorporated in NFPA 1030).

The intent of this skill is to perform the home safety survey in a residential structure. The occupied structure can be simulated.

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PREPARATION & EQUIPMENT

- Occupied structure suitable for survey (can be simulated)
- Simulated fire department SOPs
- Survey forms

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Candidate:_____

Training Provider:_____

FIRE SAFETY SURVEY – FFII-1				
Fire Safety Survey in an Occupied Structure				
The firefighter candidate shall perform a fire safety survey in an occupied structure, so that fire and life safety hazards are identified, recommendations for their correction are made to the occupant, and unresolved issues are referred to the proper authority.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Gathered equipment and informational materials needed to conduct the survey				
b) Contacted resident				
c) Explained purpose and benefits of the survey to the resident				
d) Conducted the survey				
e) Identified fire and life safety hazards				
f) Recommended appropriate solutions				
g) Discussed general fire safety information with the resident				
h) Concluded survey by thanking resident for cooperation				
i) Recorded or reported survey results as required by AHJ				
j) Referred unresolved issues to the proper authority				

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HOSE – FFII-1
Annual Fire Hose Test

NFPA 1010, 2024 ed.
7.5.5

Fire and Life Safety Initiatives, Preparedness, and Maintenance

JOB PERFORMANCE REQUIREMENTS
Perform an annual service test on fire hose, given a pump, a marking device, pressure gauges, a timer, record sheets, and related equipment, so that procedures are followed, the condition of the hose is evaluated, any damaged hose is removed from service, and the results are recorded. (7.5.5)

OBJECTIVE
The firefighter candidate shall perform an annual hose test so that procedures are followed, the condition of the hose is evaluated, any damaged hose is removed from service, and the results are recorded.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall properly demonstrate the method of performing an annual hose test.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.7.5.5(A) – Procedures for conducting hose testing can be found in NFPA 1962.

PREPARATION & EQUIPMENT
- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system **OR** hose testing device
- 1½" or 1¾" fire hose (300' minimum)
- Spanner wrenches (2)
- Nozzle for size hose or gated valve
- Hose test gate valve (1/4" hole drilled in the gate) or applicable device
- Marking devices (e.g., permanent marker, pens, pencils, chalk, grease pencil, etc.)
- Documentation materials for recording hose test results
- Hose strap, rope, or chain
- ½" diameter utility rope, or equivalent
- PPE appropriate for the skill

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Candidate:_____

Training Provider:_____

HOSE – FFII-1				
Annual Fire Hose Test				
The firefighter candidate shall perform an annual hose test so that procedures are followed, the condition of the hose is evaluated, any damaged hose is removed from service, and the results are recorded.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Visually inspected gaskets and hose for damage before connecting hose				
b) Connected up to 300’ of hose to be tested				
c) Connected female end of hose-to-hose test gate valve				
d) Connected male end of hose to nozzle (or other valve)				
e) Used spanner wrench to tighten connections				
f) Secured hose as required by AHJ				
g) Marked hose jacket at each coupling				
h) Filled hose with water by opening hose test gate valve				
i) Bled air from hose				
j) Ensured no water is leaking, tightened couplings if necessary				
k) Closed hose test gate valve to restrict water flow through ¼” hole				
l) Verbalized and/or increased pump pressure to required test pressure				
m) Monitored hose for leaks				
n) Maintained test pressure as required by AHJ				
o) Slowly reduced pressure				
p) Disengaged pump				
q) Bled pressure and disconnected hoses				
r) Checked markings placed on hose near couplings				

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s) Tagged and removed failed hose from service, as required by AHJ				
t) Recorded hose test results as required by AHJ				
u) Performed skill in a safe and proficient manner				

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

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IMS – FFII-1
Implementing an Incident Management System

NFPA 1010, 2024 ed. **General & Communications**
7.1.2, 7.2.2

JOB PERFORMANCE REQUIREMENTS
The ability to determine the need for command, organize and coordinate an incident management system until command is transferred, and function within an assigned role in an incident management system. (7.1.2)

Communicate the need for team assistance, given fire department communications equipment, SOPs, and a team, so that the supervisor is consistently informed of team needs, departmental SOPs are followed, and the assignment is accomplished safely. (7.2.2)

OBJECTIVE
The firefighter candidate shall determine the need for command, organize and coordinate the incident management system (IMS) until command is transferred, and function within an assigned role in the IMS while using communication equipment, as necessary.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Given a specific scenario, you shall determine the need for command, organize and coordinate the IMS until command is transferred, and function within an assigned role in the IMS while using communication equipment, as necessary.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Whenever possible, integrate the evaluation of this skill within a fireground/emergency scenario. Here are some examples of scenarios you could use:

- Scenario #1: Building fire, two story masonry construction. 30’ x 50’ with 50% fire involvement on the first floor with fire extension to the second story. Need to call for a second alarm.
- Scenario #2: Large grass fire. Need to request mutual aid from a surrounding department.
- Scenario #3: On the scene of an injury accident. Need to request a set of "jaws" or request a second set.
- Scenario #4: On the scene of a long incident. Need to call for a canteen service, such as the Salvation Army or other group.
- Scenario #5: On the scene of a hazardous materials incident. Need to call for more personnel and specialized equipment.

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Annex A.7.2.2 – The Firefighter II could be assigned to accomplish or coordinate tasks away from direct supervision. Many of these tasks could result in the need for additional or replacement personnel due to the ever-changing conditions on the scene of an emergency. The Firefighter II is expected to identify these needs and effectively communicate this information within an incident management system. Use of radio communication equipment necessitates that these communications be accurate and proficient.

PREPARATION & EQUIPMENT

- A scenario
- SOPs for alarm assignments
- Communications equipment and procedures per AHJ

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Texas Commission on Fire Protection
INSTRUCTIONAL SKILLS – FIREFIGHTER II
Basic Structure Firefighter

Candidate:_____

Training Provider:_____

IMS – FFII-1				
Implementing an Incident Management System				
The firefighter candidate shall determine the need for command, organize and coordinate the incident management system (IMS) until command is transferred, and function within an assigned role in the IMS while using communication equipment, as necessary.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Sized up the scene				
b) Determined the need to implement IMS				
c) Established, organized, and coordinated an IMS				
d) Transferred command as needed				
e) Functioned within an assigned role in the IMS				
f) Informed supervisor of team needs				
g) Provided for personnel accountability				
h) Demonstrated the ability to operate fire department communications equipment				
i) Followed departmental SOPs				
j) Performed skill in a safe and proficient manner				

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LIVE FIRE – FFII-1
Ignitable Liquid Fire

NFPA 1010, 2024 ed. **Fireground Operations**
7.3.1

JOB PERFORMANCE REQUIREMENTS
Extinguish an ignitable liquid fire, operating as a member of a team, given an assignment, an attack line, PPE, a foam proportioning device, a nozzle, foam concentrates and a water supply, so that the correct type of foam concentrate is selected for the given fuel and conditions, a properly proportioned foam stream is applied to the surface of the fuel to create and maintain a foam blanket, fire is extinguished, reignition is prevented, team protection is maintained with a foam stream, and the hazard is faced until retreat to safe haven is reached. (7.3.1)

OBJECTIVE
The firefighter candidate, operating as a member of a team, shall extinguish an ignitable liquid fire.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Operating as a member of a team, you shall demonstrate the proper technique for extinguishing an ignitable liquid fire.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.7.3.1 – The Firefighter II should be able to accomplish this task with each type of foam concentrate used by the jurisdiction. This could include the use of both Class A and B foam concentrates on appropriate fires. When using Class B foams to attack flammable or combustible liquid fires, the Firefighter II should extinguish a fire of at least 100 ft^2 (9 m^2). The Firefighter II is not expected to calculate application rates and densities. The intent of this JPR can be met in training through the use of training foam concentrates or gas-fired training props.

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PREPARATION & EQUIPMENT

- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system
- Two (2) attack fire hoses and nozzles, minimum 1½”
- Equipment necessary for developing a foam stream – Foam eductors, foam nozzles or fog nozzles, and training foam
- Ignitable liquid fire of at least 100 ft^2 (must comply with NFPA 1402) or gas-fired training prop
- All support equipment and personnel appropriate for the scenario

The candidate shall accomplish the skill wearing **"FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS"** as required by the Texas Commission on Fire Protection to include helmet, hood, gloves, coat, trousers, boots, and SCBA.

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Candidate:_____

Training Provider:_____

LIVE FIRE – FFII-1				
Ignitable Liquid Fire				
The firefighter candidate, operating as a member of a team, shall extinguish an ignitable liquid fire.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Performed a size-up to identify fuel type and safety hazards				
b) Verbalized foam type and concentrate are appropriate for fuel and fire conditions				
c) Ensured the amount of foam concentrate available is adequate for complete fire extinguishment				
d) Assembled and deployed foam stream components				
e) Opened nozzle to ensure generation of foam				
f) Advanced hose for fire attack to a safe distance as part of a coordinated team				
g) Used effective foam application techniques to create and maintain foam blanket				
h) Applied the agent in a sufficient rate and amount to extinguish the fire and prevent reignition				
i) Retreated from fire as part of a coordinated team				
j) Maintained team integrity				
k) Maintained situational awareness during skill				
l) Performed skill in a safe and proficient manner				

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LIVE FIRE – FFII-2
Flammable Gas Cylinder Fire

NFPA 1010, 2024 ed. **Fireground Operations**
7.3.4

JOB PERFORMANCE REQUIREMENTS
Control a flammable gas cylinder fire, operating as a member of a team, given an assignment, a cylinder outside of a structure, an attack line, PPE, and tools, so that crew integrity is maintained, contents are identified, safe havens are identified prior to advancing, open valves are closed, flames are not extinguished unless the leaking gas is eliminated, the cylinder is cooled, cylinder integrity is evaluated, hazardous conditions are recognized and acted upon, and the cylinder is faced during approach and retreat. (7.3.4)

OBJECTIVE
The firefighter candidate, operating as a member of a team, shall extinguish a flammable gas cylinder fire.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Operating as a member of a team, you shall demonstrate the proper technique for extinguishing a simulated fire involving a flammable gas cylinder.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
This skill may be performed as a simulation. The simulation must be a full-scale exercise excluding the live fire element. If live fire is used, it must comply with NFPA 1403.

Annex A.7.3.4 – Controlling flammable gas cylinder fires can be a very dangerous operation. The Firefighter II should act as a team member, under the direct supervision of an officer, during these operations.

PREPARATION & EQUIPMENT
- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system
- Minimum two (2) attack fire hose and nozzles, minimum 1½" hoses
- Liquified petroleum gas (LPG) prop (NFPA 1402 compliant)
- Safety hose line(s), minimum 1½" hose
- Water sources (Pressurized and/or Static; NFPA 1403 compliant)
- Secondary water source (Pressurized and/or Static; NFPA 1403 compliant)
- All support equipment and personnel appropriate for the scenario

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The candidate shall accomplish the skill wearing **"FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS"** as required by the Texas Commission on Fire Protection to include helmet, hood, gloves, coat, trousers, boots, and SCBA.

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Candidate:_____

Training Provider:_____

LIVE FIRE – FFII-2				
Flammable Gas Cylinder Fire				
The firefighter candidate, operating as a member of a team, shall extinguish a flammable gas cylinder fire.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Performed a size-up to identify fuel type, a safe haven and safety hazards				
b) Verbally stated that cylinder integrity and changing cylinder conditions are assessed as needed				
c) Deployed 1½" or 1¾" attack hose				
d) Checked flow, pattern, and bled air from hose				
e) Facing cylinder, advanced hose for fire attack as part of a coordinated team				
f) Applied water to cool the cylinder				
g) Applied water to isolate control valve				
h) Did not extinguish the fire with water application				
i) Chose effective procedures if conditions change				
j) Closed control valve				
k) Allowed flame to burn out				
l) Facing cylinder, retreated from fire as part of a coordinated team				
m) Maintained team integrity				
n) Maintained situational awareness during skill				
o) Performed skill in a safe and proficient manner				

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LIVE FIRE – FFII-3
Coordinate an Interior Attack

NFPA 1010, 2024 ed. **Fireground Operations**
7.3.2

JOB PERFORMANCE REQUIREMENTS
Coordinate an interior attack line for team's accomplishment of an assignment in a structure fire, given attack lines, personnel, PPE, and tools, so that crew integrity is established; attack techniques are selected for the given level of the fire (e.g., attic, grade level, upper levels or basement); attack techniques are communicated to the attack teams; constant team coordination is maintained; fire growth and development is continuously evaluated; search, rescue, and ventilation requirements are communicated or managed; hazards are reported to the attack teams; and incident command is apprised of changing conditions. (7.3.2)

OBJECTIVE
The firefighter candidate, operating as a member of a team, shall coordinate an attack on an interior structure fire.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Operating as a member of a team, you shall demonstrate the proper technique for coordinating an interior attack on a structure fire. You shall communicate attack techniques, fire growth and development, search, rescue and ventilation requirements, and report hazards to incident command.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.7.3.2 – The Firefighter II should be able to coordinate the actions of the interior attack line team at common residential fires and small business fires in the department's district. Complex or large interior fire management should be left to the officers: however, this JPR will facilitate the development of the Firefighter II towards effectively handling specific assignments within large fires.

Jurisdictions that use Firefighter IIs as acting company officers should comply with the requirements of NFPA 1021. (Note: Current edition is NFPA 1020 as of December 2024.)

PREPARATION & EQUIPMENT
- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system
- Two (2) attack fire hoses and nozzles, minimum 1½"
- Assorted hand tools

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- Fan, gasoline, electric, or battery-powered (e.g., PPV, exhaust fan, etc.)
- Training tower, minimum of 2 stories in height
- Materials for burning (NFPA 1403 compliant)
- All support equipment and personnel appropriate for the scenario

The candidate shall accomplish the skill wearing **"FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS"** as required by the Texas Commission on Fire Protection to include helmet, hood, gloves, coat, trousers, boots, and SCBA.

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Candidate:_____

Training Provider:_____

LIVE FIRE – FFII-3				
Coordinate an Interior Attack				
The firefighter candidate, operating as a member of a team, shall coordinate an attack on an interior structure fire.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Assembled team				
b) Performed a size-up to identify safety hazards				
c) Identified developing hazardous building or fire conditions				
d) Evaluated and forecast fire growth and development				
e) Chose proper attack techniques based on level of fire (attic, grade level, upper levels or basement)				
f) Communicated identified hazards and attack techniques to team members				
g) Deployed attack hose(s)				
h) Selected forcible entry tools				
i) Gained access into the fire area				
j) Incorporated ventilation procedures in coordination with fire attack				
k) Advanced hose for fire attack				
l) Extinguished fire				
m) Performed a search in the immediate fire area				
n) Provided CAN (conditions, actions, needs) reports to the Incident Commander during skill				
o) Maintained team integrity and coordination during skill				
p) Maintained situational awareness during skill				
q) Performed skill in a safe and proficient manner				

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LIVE FIRE – FFII-4
Operate a Thermal Imager

NFPA 1010, 2024 ed. **Fireground Operations**
7.3.3

JOB PERFORMANCE REQUIREMENTS
Operate a thermal imager (TI), given a TI, SOPs, PPE, and an assignment, so that victims are located in conditions of obscured visibility, hot spots are identified in a structure, overhaul is completed, and the liquid level in a container is determined. (7.3.3)

OBJECTIVE
The firefighter candidate shall operate a thermal imager to locate victim(s) in obscured visibility, locate hot spot(s) (including hidden fires) to complete overhaul, and determine the liquid level of a container.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
While wearing full personal protective equipment (PPE), and using a thermal imager (TI), you will demonstrate the use of a TI to accurately interpret TI data to locate victim(s), fire, hot spot(s), and liquid levels in container(s).

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Rescue manikin
- Tank with a liquid level
- Hot spots (simulated heat sources: e.g., heating pad, hand warmer, etc.)
- Attack fire hose and nozzle, minimum 1½”
- Assorted hand tools
- Flashlight
- Thermal imager (TI)

The candidate shall accomplish the skill wearing **"FULL PROTECTIVE CLOTHING FOR STRUCTURAL FIREFIGHTERS"** as required by the Texas Commission on Fire Protection to include helmet, hood, gloves, coat, trousers, boots, and SCBA.

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Candidate:_____

Training Provider:_____

LIVE FIRE – FFII-4				
Operate a Thermal Imager				
The firefighter candidate shall operate a thermal imager to locate victims in obscured visibility, locate hot spots to complete overhaul, and determine the liquid level of a container.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Operated the TI				
b) Cycled through and verbally described the features/functions of the TI				
c) Verbally stated limitations of the TI				
d) Used TI to locate victims in obscured visibility				
e) Used TI to locate hot spots to complete overhaul				
f) Used TI to determine the liquid level of a container				
g) Performed skill in a safe and proficient manner				

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MAINTENANCE – FFII-1

Service and Maintain Portable Power Plants and Lighting Equipment

NFPA 1010, 2024 ed.
7.5.4

Fire and Life Safety Initiatives, Preparedness, and Maintenance

JOB PERFORMANCE REQUIREMENTS

Maintain power plants, power tools, and lighting equipment, given tools and manufacturers' instructions, so that equipment is clean and maintained according to manufacturer and departmental guidelines, maintenance is recorded and equipment is placed in a ready state or reported otherwise. (7.5.4)

OBJECTIVE

The firefighter candidate shall maintain power plants, power tools, and lighting equipment.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE

Given a power plant, electrical cords, and lighting equipment, you shall demonstrate and verbalize the proper procedures for servicing and maintaining a power plant and lighting equipment.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

SAFETY NOTE

The instructor shall stop the firefighter candidate if any safety hazard exists.

PREPARATION & EQUIPMENT

- Power supply, portable or mounted (e.g., generator or electric power supply)
- Lighting equipment, portable or mounted
- Electrical extension cords and connectors
- Assorted power tools
- Protective eyewear
- Work gloves (e.g., leather, mechanic, etc.)
- Protective gloves (e.g., nitrile, latex, etc.)
- Cloths/rags for checking fluids, if necessary
- Documentation materials (ex: checklist, electronic tracking system, etc.)

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Candidate:_____

Training Provider:_____

MAINTENANCE – FFII-1				
Service and Maintain Portable Power Plants and Lighting Equipment				
The firefighter candidate shall maintain power plants, power tools, and lighting equipment.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Reviewed manufacturer's service manual				
b) Selected correct tools				
c) Donned appropriate PPE				
d) Cleaned and dried				
e) Inspected for wear and tear on the equipment				
f) Checked all fluid levels and refilled as needed				
g) Checked for leaks				
h) Ensured all safety devices are in place				
i) Operated all equipment				
j) Ensured equipment functions properly				
k) Returned equipment to a ready state, or reported otherwise				
l) Documented maintenance per AHJ				
m) Performed skill in a safe and proficient manner				

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OVERHAUL – FFII-1
Protecting Evidence of Fire Cause and Origin

NFPA 1010, 2024 ed. **Fireground Operations**
7.3.5

JOB PERFORMANCE REQUIREMENTS
Protect evidence of fire cause and origin, given a flashlight and overhaul tools, so that the evidence is noted and protected from further disturbance until investigators can arrive on the scene. (7.3.5)

OBJECTIVE
The firefighter candidate shall protect evidence of fire cause and origin.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall identify the area of origin of a fire, recognize possible causes and protect potential evidence.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
The examiner shall provide suitable evidence of area of origin.

Annex A.7.3.5 – The Firefighter II should be able to recognize important evidence as to a fire's cause and maintain the evidence so that further testing can be done without contamination or chain-of-custody problems. Evidence should be left in place (when possible; otherwise, chain of custody must be established), not altered by improper handling, walking, and so forth, and not destroyed. Possible means to protect evidence is to avoid touching, protect with salvage covers during overhaul, or rope off the area where the evidence lies. The Firefighter II is not intended to be highly proficient at origin and cause determination.

PREPARATION & EQUIPMENT
- Assorted overhaul tools
- Flashlight
- Evidence of fire origin
- Equipment for noting and protecting evidence
- Traffic and scene control devices, per AHJ (e.g., scene tape, traffic cones, barricades, flares, advanced warning devices, reflective devices, diamond-shaped fluorescent pink sign, etc.)
- PPE appropriate for the skill

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Candidate:_____

Training Provider:_____

OVERHAUL – FFII-1				
Protecting Evidence of Fire Cause and Origin				
The firefighter candidate shall protect evidence of fire cause and origin.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Selected appropriate overhaul tools				
b) Located the fire's origin area				
c) Recognized possible causes				
d) Covered with a salvage cover or some type of protection				
e) Used barrier tape to keep others from accidentally walking through				
f) Avoided touching or disturbing evidence				
g) Avoided excessive water usage				
h) If necessary to move evidence, documented location and initiated chain of custody record				
i) Performed skill in a safe and proficient manner				

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PREFIRE PLAN – FFII-1
Prepare a Preincident Survey

NFPA 1010, 2024 ed.
7.5.3

Fire and Life Safety Initiatives, Preparedness, and Maintenance

JOB PERFORMANCE REQUIREMENTS
Prepare a preincident survey, given forms, necessary tools, and an assignment, so that all required occupancy information is recorded, items of concern are noted, and accurate sketches or diagrams are prepared. (7.5.3)

OBJECTIVE
The firefighter candidate shall prepare a preincident survey.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall prepare a preincident survey, given forms, necessary tools, and an assignment, so that all required occupancy information is recorded, items of concern are noted, and accurate sketches or diagrams are prepared.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.7.5.3 – The Firefighter II should be able to compile information related to potential emergency incidents within their community for use by officers in the development of preincident plans. Jurisdictions that use Firefighter IIs to develop preincident plans should comply with the requirements of NFPA 1021. (Note: Current edition is NFPA 1020 as of December 2024.)

PREPARATION & EQUIPMENT
- Building used for preincident survey
- Preincident survey form, or equivalent documentation per AHJ
- Preincident survey documentation materials (e.g., graph paper, colored pencils, straight edge, clipboard, legend of symbols per AHJ, etc.)

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Candidate:_____

Training Provider:_____

PREFIRE PLAN – FFII-1				
Prepare a Preincident Survey				
The firefighter candidate shall prepare a preincident survey.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Scheduled survey in advance				
b) Contacted responsible person				
c) Obtained information necessary to complete preincident survey form per AHJ				
d) Identified the components and locations of fire protection systems				
e) Noted hazards and special considerations				
f) Completed the preincident survey form including sketches and/or photos				

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REPORTS – FFII-1
Complete an Incident Report Form

NFPA 1010, 2024 ed. **Communications**
7.2.1

JOB PERFORMANCE REQUIREMENTS
Complete a basic incident report, given the report forms, guidelines, and information, so that all pertinent information is recorded, the information is accurate, and the report is complete. (7.2.1)

OBJECTIVE
The firefighter candidate shall complete a basic incident report.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
You shall complete a basic incident report given information from a fire incident. You shall be required to complete and proof the report using the provided information.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

PREPARATION & EQUIPMENT
- Blank report forms, activity sheets, or other electronic equipment used by the AHJ
- Scenarios of different types of fire incidents
- Reference material for incident-type codes (NERIS)

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Candidate:_____

Training Provider:_____

REPORTS – FFII-1				
Complete an Incident Report Form				
The firefighter candidate shall complete a basic incident report.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Gathered incident information				
b) Determined necessary codes				
c) Correctly recorded information in report				
d) Proofed reports (checked spelling)				
e) Operated fire department computers or other equipment necessary to complete reports				
f) Indicated report writer's name on report				
g) Completed and submitted report per AHJ				
h) Performed skill in a safe and proficient manner				

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RESCUE – FFII-1
Manage Vehicle Extrication Hazards

NFPA 1010, 2024 ed. **Rescue Operations**
7.4.1

JOB PERFORMANCE REQUIREMENTS
Extricate a victim entrapped in a motor vehicle as part of a team, given stabilization and extrication tools, so that the vehicle is stabilized, the victim disentangled without further injury, and hazards are managed. (7.4.1)

OBJECTIVE
The firefighter candidate, operating as part of a team, shall manage the hazards found on a vehicle extrication scene.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Operating as a team, you shall demonstrate the management of hazards during a vehicle extrication incident.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.7.4.1 – In the context of this standard, the term *extricate* refers to those activities required to allow emergency medical personnel access to the victim, stabilization of the vehicle, the displacement or removal of vehicle components obstructing victim removal, and the protection of the victim and response personnel from hazards associated with motor vehicle accidents and the use of hand and power tools on a motor vehicle.

As persons performing extrication can be different from those performing medical functions, this standard does not address medical care of the victim. An awareness of the needs and responsibilities of emergency medical functions is recommended to allow for proficient coordination between the “extrication” team and the “medical” team.

PREPARATION & EQUIPMENT
- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system
- Vehicle for extrication evolution
- Hazards - battery, spilled fluid, leaks, etc. per AHJ (may be simulated)
- Tools and equipment appropriate to manage identified hazards
- PPE appropriate for the skill

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Candidate:_____

Training Provider:_____

RESCUE – FFII-1				
Manage Vehicle Extrication Hazards				
The firefighter candidate, operating as part of a team, shall manage the hazards found on a vehicle extrication scene.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Maintained team integrity				
b) Performed a size-up to identify safety hazards				
c) Determined the need for additional resources				
d) Identified and controlled traffic hazards				
e) Deployed 1½" or larger hose for protection				
f) Identified vehicle fuel type				
g) Chocked wheels to prevent vehicle movement				
h) Identified air bag locations				
i) Ensured vehicle's gear selector is in "PARK" if possible				
j) Ensured vehicle ignition is turned off, if possible				
k) Disconnected battery, if possible				
l) Identified other possible power sources (phone chargers, second battery, etc.)				
m) Identified leaks and, if possible, controlled leaks				
n) Managed spilled fluids creating extrication hazard				
o) Communicated identified hazards to team members				
p) Identified and managed all hazards				
q) Maintained situational awareness during skill				
r) Performed skill in a safe and proficient manner				

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RESCUE – FFII-2
Stabilize a Vehicle

NFPA 1010, 2024 ed. **Rescue Operations**
7.4.1

JOB PERFORMANCE REQUIREMENTS
Extricate a victim entrapped in a motor vehicle as part of a team, given stabilization and extrication tools, so that the vehicle is stabilized, the victim disentangled without further injury, and hazards are managed. (7.4.1)

OBJECTIVE
The firefighter candidate, operating as a member of a team, shall stabilize the vehicle at a vehicle extrication scene.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Operating as a team, you shall demonstrate stabilization techniques during a vehicle extrication incident.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.7.4.1 – In the context of this standard, the term *extricate* refers to those activities required to allow emergency medical personnel access to the victim, stabilization of the vehicle, the displacement or removal of vehicle components obstructing victim removal, and the protection of the victim and response personnel from hazards associated with motor vehicle accidents and the use of hand and power tools on a motor vehicle.

As persons performing extrication can be different from those performing medical functions, this standard does not address medical care of the victim. An awareness of the needs and responsibilities of emergency medical functions is recommended to allow for proficient coordination between the “extrication” team and the “medical” team.

PREPARATION & EQUIPMENT
- Vehicle for extrication evolution
- Cribbing and stabilization materials (e.g., tensioned buttress systems, struts, stabilizers, jacks, 4x4s, step chocks, wedges, etc.)
- Extrication tools, hydraulic and battery powered (spreaders, shears, ram, etc.)
- Battery chargers and spare batteries
- Pneumatic devices and air supply (e.g., lifting bags, air chisel, air ratchet, air hammer, etc.)
- Binding devices (e.g., chains, straps, cable hoist, ratchet devices, etc.)

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- Glass removal equipment (e.g., spring-loaded center punch, glass saw, windshield cutter, coarse blade hand saw, etc.)

The candidate shall accomplish the skill wearing structural firefighting PPE including helmet, hood, gloves, coat, trousers, boots, and protective eyewear.

Note: If the AHJ has issued NFPA 1951 compliant gloves or Protective Ensembles for Technical Rescue Incidents, the gloves or the complete protective ensemble may be used to perform this skill.

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Candidate:_____

Training Provider:_____

RESCUE – FFII-2				
Stabilize a Vehicle				
The firefighter candidate, operating as a member of a team, shall stabilize the vehicle at a vehicle extrication scene.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Maintained team integrity				
b) Performed a size-up and determined need for stabilization				
c) Evaluated vehicle's orientation and condition				
d) Chocked wheels to prevent wheel movement				
e) Identified support locations under vehicle				
f) Positioned cribbing under support location				
g) Built layers of cribbing, as needed				
h) Used wedges or shims, as needed				
i) Deflated vehicle tires, if appropriate				
j) Stabilized vehicle with four points of ground contact				
k) Evaluated and maintained cribbing integrity				
l) Maintained situational awareness during skill				
m) Performed skill in a safe and proficient manner				

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

Comments:

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_____ _____
Instructor Date

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RESCUE – FFII-3
Disentangle a Victim

NFPA 1010, 2024 ed. **Rescue Operations**
7.4.1

JOB PERFORMANCE REQUIREMENTS
Extricate a victim entrapped in a motor vehicle as part of a team, given stabilization and extrication tools, so that the vehicle is stabilized, the victim disentangled without further injury, and hazards are managed. (7.4.1)

OBJECTIVE
The firefighter candidate, operating as a member of a team, shall extricate a victim entrapped in a motor vehicle.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Operating as a team, you shall demonstrate the disentanglement of a victim without further injury during a vehicle extrication incident.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.7.4.1 – In the context of this standard, the term *extricate* refers to those activities required to allow emergency medical personnel access to the victim, stabilization of the vehicle, the displacement or removal of vehicle components obstructing victim removal, and the protection of the victim and response personnel from hazards associated with motor vehicle accidents and the use of hand and power tools on a motor vehicle.

As persons performing extrication can be different from those performing medical functions, this standard does not address medical care of the victim. An awareness of the needs and responsibilities of emergency medical functions is recommended to allow for proficient coordination between the “extrication” team and the “medical” team.

PREPARATION & EQUIPMENT
- Pumper apparatus equipped with pump (NFPA 1901 compliant) or pumping system
- Vehicle for extrication evolution
- Cribbing and stabilization materials (e.g., tensioned buttress systems, struts, stabilizers, jacks, 4x4s, step chocks, wedges, etc.)
- Extrication tools, hydraulic and battery powered (spreaders, shears, ram, etc.)
- Battery chargers and spare batteries

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- Pneumatic devices and air supply (e.g., lifting bags, air chisel, air ratchet, air hammer, etc.)
- Binding devices (e.g., chains, straps, cable hoist, ratchet devices, etc.)
- Glass removal equipment (e.g., spring-loaded center punch, glass saw, windshield cutter, coarse blade hand saw, etc.)

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Candidate:_____

Training Provider:_____

RESCUE – FFII-3				
Disentangle a Victim				
Extricate a victim entrapped in a motor vehicle as part of a team, given stabilization and extrication tools, so that the vehicle is stabilized, the victim disentangled without further injury, and hazards are managed.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Maintained team integrity				
b) Initiated patient contact				
c) Protected patient, as needed				
d) Determined appropriate extrication technique for disentanglement				
e) Selected correct tool(s) for extrication technique				
f) Removed vehicle window(s), windshield, fender(s), roof, door(s), pillar(s), placed relief cuts or displaced the dashboard, as needed to disentangle victim				
g) Operated hand and power tool(s), as designed				
h) Performed proper extrication technique without further injury to the patient				
i) Maintained situational awareness during skill				
j) Performed skill in a safe and proficient manner				

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Comments:

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Instructor Date

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RESCUE – FFII-4
Assist Rescue Operations Teams

NFPA 1010, 2024 ed. **Rescue Operations**
7.4.2

JOB PERFORMANCE REQUIREMENTS
Assist rescue operation teams, given standard operating procedures, necessary rescue equipment, and an assignment, so that procedures are followed, rescue items are recognized and retrieved in the time as prescribed by the AHJ, and the assignment is completed. (7.4.2)

OBJECTIVE
The firefighter candidate shall assist rescue operation teams by recognizing and retrieving rescue items.

INSTRUCTIONS – must be read to the candidate – DO NOT PARAPHRASE
Following standard operating procedures, you shall assist a rescue operation team by retrieving necessary rescue equipment, establishing public barriers, and assist as a member of a team as assigned.

You will begin on my instruction to start. The skill will end when you state to me that you have completed all the identified steps. Do you understand these instructions?

INSTRUCTOR NOTE
Annex A.7.4.2 – The Firefighter II is not expected to be proficient in technical rescue skills. The Firefighter II should be able to help technical rescue teams in their efforts to safely manage structural collapses, trench collapses, cave and tunnel emergencies, water and ice emergencies, elevator and escalator emergencies, energized electrical line emergencies, and industrial accidents.

PREPARATION & EQUIPMENT
- Department rescue SOPs or recognized safety practices of the AHJ
- Assorted rescue equipment used by AHJ (e.g., for these incidents: structural collapses, trench collapses, cave and tunnel emergencies, water and ice emergencies, elevator, and escalator emergencies, energized electrical line emergencies, and industrial accidents)
- Traffic and scene control devices, per AHJ (e.g., scene tape, traffic cones, barricades, flares, advanced warning devices, reflective devices, diamond-shaped fluorescent pink sign, etc.)
- Scenarios based on equipment and SOPs used by AHJ (e.g., trench collapse, confined space, high-angle rescue)

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The candidate shall accomplish the skill wearing the appropriate PPE for the type of rescue incident they are assisting with per the AHJ.

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Candidate:_____

Training Provider:_____

RESCUE – FFII-4				
Assist Rescue Operations Teams				
The firefighter candidate shall assist rescue operation teams by recognizing and retrieving rescue items.				
	ATTEMPT 1		**ATTEMPT 2**	
The candidate:	**S**	**U**	**S**	**U**
a) Sized up the scene				
b) Identified the hazards				
c) Identified the need for special rescue operations				
d) Established public barriers				
e) Initiated patient contact, if possible				
f) Assisted rescue teams as a member of the team as assigned				
g) Recognized, identified, and retrieved various types of rescue tools in a timely manner				
h) Maintained team integrity				
i) Maintained situational awareness during skill				
j) Followed AHJ procedures to complete assignments				
k) Performed skill in a safe and proficient manner				

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Comments:

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END OF INSTRUCTIONAL SKILLS

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