



State Firefighters' and Fire Marshals' Association of Texas

Texas Volunteer Firefighters' and Fire Marshals' Certification Board

PO Box 1409 ♦ Manchaca, Texas 78652-1409

www.sffma.org ♦ 512.454.3473 (phone)

INSTRUCTIONAL SKILLS

HOSE FFI-1

Coupling and Uncoupling Fire Hose

Subject: Fireground Operations

NFPA 1001 4.3.10

REFERENCE

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. (4.3.10)

OBJECTIVE

Trainee shall demonstrate three methods for coupling and uncoupling fire service hose.

INSTRUCTIONS - procedures for achieving the objective

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 1 ½" or larger hose

Spanner wrench set

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

HOSE FFI-1

Coupling and Uncoupling Fire Hose

Trainee: _____

Department: _____

| Trainee shall demonstrate three methods for coupling and uncoupling fire service hose. (4.3.10) | | | |
|-------------------------------------------------------------------------------------------------|----------------------|------|--------|
| | POSSIBLE POINTS | TEST | RETEST |
| a. Demonstrates the knee-press method | 1 | | |
| b. Demonstrates the stiff arm (two person) method | 1 | | |
| c. Demonstrates the spanner wrench method | 1 | | |
| d. Performs skill in a safe and proficient manner | 1 | | |
| | TOTAL POINTS: | 4 | |

Points needed to pass: 3

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

HOSE FFI-2

Replacing Burst Section of Hose

Subject: Fireground Operations

NFPA 1001 4.3.10

REFERENCE

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. (4.3.10)

OBJECTIVE

Trainee shall replace a section of burst hose.

INSTRUCTIONS - procedures for achieving the objective

While wearing full protective clothing and a Self-Contained Breathing Apparatus (SCBA), you shall demonstrate the proper method of replacing a burst section of hose line. 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 1 ½" or larger hose

Appropriate nozzle for hose size

Hose clamp

Spanner wrench set

Hydrant or fire apparatus for water supply

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

HOSE FFI-2

Replacing Burst Section of Hose

Trainee: _____

Department: _____

| Trainee shall replace a section of burst hose. (4.3.10) | | | |
|--------------------------------------------------------------------------------------|-----------------|------|--------|
| | POSSIBLE POINTS | TEST | RETEST |
| a. Applies a hose clamp approximately 3 to 5 feet behind coupling of damaged section | 1 | | |
| b. Brings two additional sections of hose | 1 | | |
| c. Replaces one defective section with two additional lengths | 1 | | |
| d. Extends hose, avoiding kinks and damage to coupling | 1 | | |
| e. Slowly releases hose clamp while standing to the side | 1 | | |
| f. Performs skill in a safe and proficient manner | 1 | | |
| TOTAL POINTS: | | 6 | |

Points needed to pass: 4

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INSTRUCTIONAL SKILLS

HOSE FFI-3

Extend a Hoseline

Subject: Fireground Operations

NFPA 1001 4.3.10

REFERENCE

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. (4.3.10)

OBJECTIVE

Trainee shall extend a charged hoseline.

INSTRUCTIONS - procedures for achieving the objective

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

4 lengths of 1½" or larger hose
Appropriate nozzles for hose size
Hose clamp
Gated wye or similar appliance
Spanner wrench set
Hydrant or fire apparatus for water supply
PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

HOSE FFI-3

Extend a Hoseline

Trainee: _____

Department: _____

| Trainee shall extend a charged hoseline. (4.3.10) | | | |
|--------------------------------------------------------------------------------------------------------------------|-----------------|-----------|--------|
| | POSSIBLE POINTS | TEST | RETEST |
| a. Locates gated wye or similar appliance | 1 | | |
| b. Locates attack nozzle | 1 | | |
| c. Brings 50 feet of hose to nozzle | 1 | | |
| d. Shuts down water flow by applying hose clamp correctly at approximately 3-5 feet behind nozzle and opens nozzle | 1 | | |
| e. Removes nozzle, attaches appliance, and attaches 50 feet of hose | 1 | | |
| f. Extends attack line out and attaches nozzle | 1 | | |
| g. When coupling and uncoupling hose, uses an approved method | 1 | | |
| h. Slowly releases hose clamp while standing to the side | 1 | | |
| i. Slowly opens appliance | 1 | | |
| j. Opens nozzle | 1 | | |
| k. Demonstrates all stream adjustments characteristic of the nozzle | 1 | | |
| l. Slowly closes nozzle | 1 | | |
| m. Performs skill in a safe and proficient manner | 1 | | |
| TOTAL POINTS: | | 13 | |

Points needed to pass: 9

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INSTRUCTIONAL SKILLS

HOSE FFI-4

Performing Two Types of Hose Carries

Subject: Fireground Operations

NFPA 1001 4.3.10

REFERENCE

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. (4.3.10)

OBJECTIVE

Trainee shall demonstrate two methods for carrying fire service hose.

INSTRUCTIONS - procedures for achieving the objective

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?

INSTRUCTOR NOTE

The hose shall be laid straight out.

PREPARATION & EQUIPMENT

1 - 50 foot section of 2½" or 3" hose

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

HOSE FFI-4

Performing Two Types of Hose Carries

Trainee: _____

Department: _____

| Trainee shall demonstrate two methods for carrying fire service hose. (4.3.10) | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|--------|
| Accordion Shoulder Carry: | POSSIBLE POINTS | TEST | RETEST |
| a. Grasps either of the two couplings and places it over the shoulder with the coupling behind the body at approximately waist height | 1 | | |
| b. Holds the hose in front of the body and, while walking slowly forward, forms a loop that hangs approximately at knee height in front of the body | 1 | | |
| c. While walking, guides the hose back over the same shoulder to form a loop that hangs at approximately knee height behind the body | 1 | | |
| d. Walks slowly down the hose, forming alternate loops in front of and behind the body until the entire hose is picked up | 1 | | |
| e. Carries the hose at least 20 feet in a controlled manner | 1 | | |
| f. Performs skill in a safe and proficient manner | 1 | | |
| TOTAL POINTS: | | 6 | |

Points needed to pass: 4

| Single Section Shoulder Loop Carry: | POSSIBLE POINTS | TEST | RETEST |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|--------|
| a. Places one end of the hose over the shoulder so that the coupling hangs at approximately waist height | 1 | | |
| b. Steps forward to form an approximate 3-foot loop on the ground behind, then picks up the hose at the closest point | 1 | | |
| c. Raises the loop and lays it over the shoulder without twisting or turning it over (expect loop to have a half- twist) and adjusts the loop so that the bottom is approximately mid-calf | 1 | | |
| d. Picks up entire length of hose and carries it at least 20 feet in a controlled manner | 1 | | |
| e. Performs skill in a safe and proficient manner | 1 | | |
| TOTAL POINTS: | | 5 | |

Points needed to pass: 4

Evaluator/Candidate Comments:



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INSTRUCTIONAL SKILLS

HOSE FFI-5

Advance a Charged Attack Line Up a Ladder

Subject: Fireground Operations

NFPA 1001 4.3.10

REFERENCE

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. (4.3.10)

OBJECTIVE

Trainee shall advance a charged hoseline up a ladder.

INSTRUCTIONS - procedures for achieving the objective

Given a 24-foot 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 feet (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?

SAFETY NOTE

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

PREPARATION & EQUIPMENT

24 foot extension ladder

1½" or 2½" hose

1½" or 2½" nozzle

Rope or hose strap

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

HOSE FFI-5

Advance a Charged Attack Line Up a Ladder

Trainee: _____

Department: _____

| Trainee shall advance a charged hoseline up a ladder. (4.3.10) | | | |
|----------------------------------------------------------------------------------------------------------------|-----------------|------|--------|
| | POSSIBLE POINTS | TEST | RETEST |
| a. Is positioned on the ladder with a leg lock on the opposite side from the nozzle or uses a life safety belt | 1 | | |
| b. Has the other firefighter push the charged hose line up the ladder | 1 | | |
| c. Projects the nozzle through the ladder rungs | 1 | | |
| d. Secures the nozzle and hose with a rope or rope hose tool | 1 | | |
| e. Opens the nozzle and flows water in a controlled manner | 1 | | |
| f. Performs skill in a safe and proficient manner | 1 | | |
| TOTAL POINTS: | | 6 | |

Points needed to pass: 4

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INSTRUCTIONAL SKILLS

HOSE FFI-6

Advancing Charged and Uncharged Attack Lines

Subject: Fireground Operations

NFPA 1001 4.3.10

REFERENCE

Attack a passenger vehicle fire operating as a member of a team, given personal protective equipment, 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. (4.3.7)

Extinguish fires in exterior Class A materials, given fires in stacked or piled and 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. (4.3.8)

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. (4.3.10)

OBJECTIVE

Trainee shall advance charged and uncharged hoselines on grade level and up and down stairs.

INSTRUCTIONS - procedures for achieving the objective

You shall demonstrate the proper method of advancing both charged and uncharged attack lines of two different sizes up an outside stairway to a second floor, then down an outside 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?

PREPARATION & EQUIPMENT

Pumper

3 sections of two different hose sizes, both 1½" or larger

Rope

Appropriate nozzle(s) for each hose line

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

HOSE FFI-6

Advancing Charged and Uncharged Attack Lines

Trainee: _____

Department: _____

| Trainee shall advance charged and uncharged hoselines on grade level and up and down stairs. (4.3.10) | | | |
|-------------------------------------------------------------------------------------------------------|-----------------|------|--------|
| 1st - 1½ inch or larger charged line: | POSSIBLE POINTS | TEST | RETEST |
| a. Effectively advances hose line with partner to the stairs | 1 | | |
| b. Arranges necessary equipment in an organized manner | 1 | | |
| c. Safely advances charged line to the second floor landing | 1 | | |
| d. Feels the door with back of hand | 1 | | |
| e. Bleeds air out of line before entering door | 1 | | |
| f. Sets nozzle pattern before entering door | 1 | | |
| g. Stays low while entering the doorway | 1 | | |
| h. Advances hose down a stairway while preventing kinks or complications | 1 | | |
| i. Performs skill in a safe and proficient manner | 1 | | |
| TOTAL POINTS: | | 9 | |

Points needed to pass: 6

| 2nd - 1½ inch or larger charged line: | POSSIBLE POINTS | TEST | RETEST |
|--------------------------------------------------------------------------|-----------------|------|--------|
| a. Effectively advances hose line with partner to the stairs | 1 | | |
| b. Arranges necessary equipment in an organized manner | 1 | | |
| c. Safely advances charged line to the second floor landing | 1 | | |
| d. Feels the door with back of hand | 1 | | |
| e. Bleeds air out of line before entering door | 1 | | |
| f. Sets nozzle pattern before entering door | 1 | | |
| g. Stays low while entering the doorway | 1 | | |
| h. Advances hose down a stairway while preventing kinks or complications | 1 | | |
| i. Performs skill in a safe and proficient manner | 1 | | |
| TOTAL POINTS: | | 9 | |

Points needed to pass: 6

| 1st - 1½ inch or larger uncharged line: | POSSIBLE POINTS | TEST | RETEST |
|--------------------------------------------------------------|-----------------|------|--------|
| a. Effectively advances hose line with partner to the stairs | 1 | | |
| b. Arranges necessary equipment in an organized manner | 1 | | |
| c. Safely advances charged line to the second floor landing | 1 | | |
| d. Feels the door with back of hand | 1 | | |



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INSTRUCTIONAL SKILLS

| | | | |
|--------------------------------------------------------------------------|----------|--|--|
| e. Bleeds air out of line before entering door | 1 | | |
| f. Sets nozzle pattern before entering door | 1 | | |
| g. Stays low while entering the doorway | 1 | | |
| h. Advances hose down a stairway while preventing kinks or complications | 1 | | |
| i. Performs skill in a safe and proficient manner | 1 | | |
| TOTAL POINTS: | 9 | | |

Points needed to pass: 6

| 2nd - 1½ inch or larger uncharged line: | POSSIBLE POINTS | TEST | RETEST |
|--------------------------------------------------------------------------|------------------------|-------------|---------------|
| a. Effectively advances hose line with partner to the stairs | 1 | | |
| b. Arranges necessary equipment in an organized manner | 1 | | |
| c. Safely advances charged line to the second floor landing | 1 | | |
| d. Feels the door with back of hand | 1 | | |
| e. Bleeds air out of line before entering door | 1 | | |
| f. Sets nozzle pattern before entering door | 1 | | |
| g. Stays low while entering the doorway | 1 | | |
| h. Advances hose down a stairway while preventing kinks or complications | 1 | | |
| i. Performs skill in a safe and proficient manner | 1 | | |
| TOTAL POINTS: | 9 | | |

Points needed to pass: 6

Evaluator/Candidate Comments:

Instructor's Signature

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INSTRUCTIONAL SKILLS

HOSE FFI-7

Connecting Hose to a Standpipe

Subject: Fireground Operations

NFPA 1001 4.3.10

REFERENCE

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. (4.3.10)

OBJECTIVE

Trainee shall connect hose to a standpipe for fire attack.

INSTRUCTIONS - procedures for achieving the objective

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.

PREPARATION & EQUIPMENT

Appropriate hose adapters

100 feet of 1½" hose or larger

Standpipe connection or equivalent

Spanner wrenches

Nozzle

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

HOSE FFI-7

Connecting Hose to a Standpipe

Trainee: _____

Department: _____

| Trainee shall connect hose to a standpipe for fire attack. (4.3.10) | | | |
|-----------------------------------------------------------------------|-----------------|------|--------|
| | POSSIBLE POINTS | TEST | RETEST |
| a. Arranges hose and nozzle in an effective manner for deployment | 1 | | |
| b. Obtains all necessary equipment (a spanner wrench, adapters, etc.) | 1 | | |
| c. Advances the hose into the structure | 1 | | |
| d. Uncaps discharge and hooks hose up to the standpipe | 1 | | |
| e. Advances the hose line to a designated point | 1 | | |
| f. Performs skill in a safe and proficient manner | 1 | | |
| TOTAL POINTS: | 6 | | |

Points needed to pass: 4

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INSTRUCTIONAL SKILLS

HOSE FFI-8

Inspecting for Damage, Cleaning and Maintenance of Hose, Couplings and Nozzles

Subject: Preparedness and Maintenance

NFPA 1001 4.5.2

REFERENCE

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. (4.5.2)

OBJECTIVE

Trainee shall demonstrate the procedures for cleaning, maintaining, and inspecting for damaged fire hose, couplings, and nozzles.

INSTRUCTIONS - procedures for achieving the objective

You shall demonstrate the procedures for cleaning, maintaining, and inspecting for damage on: 1) fire hose, 2) nozzles, 3) hose couplings. You will be required to 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

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

HOSE FFI-8

Inspecting for Damage, Cleaning and Maintenance of Hose, Couplings and Nozzles

Trainee: _____

Department: _____

Trainee shall demonstrate the procedures for cleaning, maintaining, and inspecting for damaged fire hose, couplings and nozzles. (4.5.2)

| Nozzle | POSSIBLE POINTS | TEST | RETEST |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|--------|
| a. Checks nozzle bale or handle for function by moving it to the "OPEN" and "CLOSED" positions | 1 | | |
| b. Checks nozzle gasket for defects, age and ability to return to normal shape by pinching the gasket between the thumb and index fingers | 1 | | |
| c. Checks nozzle for external damage | 1 | | |
| d. Checks nozzle for internal damage and debris | 1 | | |
| e. If applicable, ensures pistol grip is secure | 1 | | |
| f. If applicable, ensures fog nozzle operates properly | 1 | | |
| g. Performs skill in a safe and proficient manner, per AHJ | 1 | | |
| TOTAL POINTS: | | 7 | |

Points needed to pass: 5

| Fire hose | POSSIBLE POINTS | TEST | RETEST |
|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|--------|
| a. Checks the expansion ring at both ends of the hose for burrs, looseness or damage | 1 | | |
| b. Checks inner liner of hose, at both hose couplings, for signs of cracks, age, or defects and marks defective hose per department SOP | 1 | | |
| c. Checks outer hose jacket for signs of damage (thermal, mold, mildew, or chemical) | 1 | | |
| d. If hose is defective, marks according to department SOP | 1 | | |
| e. Verbalizes how to operate hose washing and drying equipment and that hose should be tested annually | 1 | | |
| f. Performs skill in a safe and proficient manner, per AHJ | 1 | | |
| TOTAL POINTS: | | 6 | |

Points needed to pass: 4

| Couplings | POSSIBLE POINTS | TEST | RETEST |
|---------------------------------------------------------------------|-----------------|------|--------|
| a. Checks male coupling for damage (chips, burrs, out-of-roundness) | 1 | | |
| b. Checks male coupling for tightness and proper mounting on hose | 1 | | |



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INSTRUCTIONAL SKILLS

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|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---|--|
| c. Checks female coupling for function and freedom of movement | 1 | | |
| d. Checks female coupling for shape and out of-roundness | 1 | | |
| e. Checks female coupling for tightness and proper mounting on hose | 1 | | |
| f. Checks female coupling gasket for defects, age and ability to return to normal shape by pinching gasket between thumb and index finger and replaces gaskets as needed | 1 | | |
| g. Performs skill in a safe and proficient manner, per AHJ | 1 | | |
| TOTAL POINTS: | | 7 | |

Points needed to pass: 5

Evaluator/Candidate Comments:

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INSTRUCTIONAL SKILLS

HOSE FFI-9

Loading Hose

Subject: Preparedness and Maintenance

NFPA 1001 4.5.2

REFERENCE

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. (4.5.2)

OBJECTIVE

Trainee, working with another team member, shall demonstrate loading three types of hose loads:

1. Accordion
2. Horseshoe
3. Flat

INSTRUCTIONS - procedures for achieving the objective

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

2 sections of 2½" or larger hose

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

HOSE FFI-9

Loading Hose

Trainee: _____

Department: _____

| Trainee, working with another team member, shall demonstrate loading three types of hose loads. (4.5.2) | | | |
|---------------------------------------------------------------------------------------------------------|-----------------|----------|--------|
| Accordion Hose Load | POSSIBLE POINTS | TEST | RETEST |
| a. Lays hose on edge in front-to-back manner | 1 | | |
| b. Folds hose back on itself and lays in opposite direction | 1 | | |
| c. Staggers folds at the edge of the hose bed | 1 | | |
| d. Repeats until hose covers hose bed | 1 | | |
| e. Starts second layer, repeats accordion loading | 1 | | |
| f. Adds layers until all hose is loaded | 1 | | |
| g. Finishes hose load per AHJ procedures | 1 | | |
| h. Performs skill in a safe and proficient manner, per AHJ | 1 | | |
| TOTAL POINTS: | | 8 | |

Points needed to pass: 6

| Horseshoe Hose Load | POSSIBLE POINTS | TEST | RETEST |
|---------------------------------------------------------------|-----------------|----------|--------|
| a. Lays hose on edge around the perimeter of the hose bed | 1 | | |
| b. Makes fold and lays hose back inside first section of hose | 1 | | |
| c. Lays hose progressively inward until space is filled | 1 | | |
| d. Starts second layer, repeats horseshoe loading | 1 | | |
| e. Adds layers until all hose is loaded | 1 | | |
| f. Finishes hose load per AHJ procedures | 1 | | |
| g. Performs skill in a safe and proficient manner, per AHJ | 1 | | |
| TOTAL POINTS: | | 7 | |

Points needed to pass: 5



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INSTRUCTIONAL SKILLS

| Flat Hose Load | POSSIBLE POINTS | TEST | RETEST |
|-------------------------------------------------------------|-----------------|------|--------|
| a. Places first coupling in corner of hose bed | 1 | | |
| b. Lays hose flat in front-to-back manner | 1 | | |
| c. Folds hose back on itself and lays in opposite direction | 1 | | |
| d. Repeats until hose covers hose bed | 1 | | |
| e. Starts second layer, repeats flat loading | 1 | | |
| f. Adds layers until all hose is loaded | 1 | | |
| g. Finishes hose load per AHJ procedures | 1 | | |
| h. Performs skill in a safe and proficient manner, per AHJ | 1 | | |
| TOTAL POINTS: | 7 | | |

Points needed to pass: 5

Evaluator/Candidate Comments:

Instructor's Signature

Date



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INSTRUCTIONAL SKILLS

HOSE FFI-10

Rolling Hose

Subject: Preparedness and Maintenance

NFPA 1001 4.5.2

REFERENCE

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. (4.5.2)

OBJECTIVE

Trainee shall demonstrate four methods of hose rolls:

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

INSTRUCTIONS - procedures for achieving the objective

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

Sections of hose, 1½" diameter or larger

PPE appropriate for the skill



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INSTRUCTIONAL SKILLS

HOSE FFI-10

Rolling Hose

Trainee: _____

Department: _____

| Trainee shall demonstrate four methods of hose rolls. (4.5.2) | | | |
|------------------------------------------------------------------------------------|-----------------|----------|--------|
| Donut Roll | POSSIBLE POINTS | TEST | RETEST |
| a. Lays hose flat in a straight line | 1 | | |
| b. Starts roll from a point 5 or 6 feet off center toward the male coupling | 1 | | |
| c. Rolls hose toward female end | 1 | | |
| d. Leaves space at center loop for carrying | 1 | | |
| e. Extends short length of hose at female end over the male end to protect threads | 1 | | |
| f. Performs skill in a safe and proficient manner, per AHJ | 1 | | |
| TOTAL POINTS: | | 6 | |

Points needed to pass: 4

| Twin Donut Roll | POSSIBLE POINTS | TEST | RETEST |
|------------------------------------------------------------|-----------------|----------|--------|
| a. Lays hose flat in two parallel lines | 1 | | |
| b. Starts roll by folding loop end | 1 | | |
| c. Rolls both sections of hose simultaneously | 1 | | |
| d. Inserts strap through center for carrying | 1 | | |
| e. Performs skill in a safe and proficient manner, per AHJ | 1 | | |
| TOTAL POINTS: | | 5 | |

Points needed to pass: 4

| Straight Roll | POSSIBLE POINTS | TEST | RETEST |
|------------------------------------------------------------|-----------------|----------|--------|
| a. Lays hose flat in a straight line | 1 | | |
| b. Begins roll by folding over male coupling | 1 | | |
| c. Rolls hose to the female coupling | 1 | | |
| d. Lays completed roll on its side | 1 | | |
| e. Tamps down protruding hose | 1 | | |
| f. Performs skill in a safe and proficient manner, per AHJ | 1 | | |
| TOTAL POINTS: | | 6 | |

Points needed to pass: 4



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INSTRUCTIONAL SKILLS

| Self-Locking Twin Donut Roll | POSSIBLE POINTS | TEST | RETEST |
|----------------------------------------------------------------------|-----------------|------|--------|
| a. Lays hose flat in a straight line | 1 | | |
| b. Brings male coupling alongside of female coupling | 1 | | |
| c. Crosses hose at the loop end and creates a carrying shoulder loop | 1 | | |
| d. Brings loop back towards the couplings where the hose crosses | 1 | | |
| e. Starts rolling from loop end simultaneously | 1 | | |
| f. Upon completion, positions couplings on top of the roll | 1 | | |
| g. Passes large loop over couplings and through the smaller loop | 1 | | |
| h. Performs skill in a safe and proficient manner, per AHJ | 1 | | |
| TOTAL POINTS: | 8 | | |

Points needed to pass: 6

Evaluator/Candidate Comments:

Instructor's Signature

Date