



## Skill FF1-30: Tie Knots and Hitches

Candidate #: \_\_\_\_\_

### INSTRUCTIONS TO THE CANDIDATE

Provided various pieces of rope material, shall demonstrate tying a series of knots.

Skill FF1-30 - NFPA 4.3.20 – Chapter 7, IFSTA Essentials 7 <sup>th</sup> E	dition	1 <sup>st</sup>	2 <sup>nd</sup>
Single Overhand Knot			
1. Demonstrate completion of an overhand knot.			
Bowline			
2. Demonstrate completion of a bowline knot.			
3. Secures bowline with an overhand safety.			
Clove Hitch			
4. Demonstrates tying a clove hitch knot around an ob	ject.		
5. Sets the hitch in place.			
Figure Eight on a Bight			
6. Demonstrates tying a figure eight on a bight.			
7. Dresses the knot.			
YELLOW BOLD indicate a CRITICAL step and any un	safe act constitutes a failure of	skill.	
	Points needed: 6/7		
	Performed Safely	Y/N	Y/N
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## NFPA Standard Edition 2019 – IFSTA Essentials 7<sup>th</sup> Edition – Chapter 7 – 4.3.20





## Skill FF1-31: Hoisting Tools

Candidate #: \_\_\_\_\_

### INSTRUCTIONS TO THE CANDIDATE

#### Demonstrate proper hoisting of tools and equipment utilizing appropriate knots and hitches.

Skill F	F1-30 - NFPA 4.1.2, 4.3.20 – Chapter 7, IFSTA Essentials 7 <sup>th</sup> Edition	1 <sup>st</sup>	2 <sup>nd</sup>
	Hoist an Axe		
1.	Ties an appropriate knot/hitch at/near the axe head.		
2.	Loops the working end of the rope around the head, up the handle.		
3.	Place 2 half-hitches on handle, one just above the head and the other near the butt end.		
4.	Leaves excess rope in the running end of the rope to serve as a guideline.		
	Hoist a Pike Pole		
5.	Ties a clove hitch at/near the end of the handle.		
6.	Forms a half-hitch near midpoint of handle, and a second half-hitch at the head, under		
	the pike hook, pike pointing upwards.		
7.	Leaves excess rope in the running end of the rope to serve as a guideline.		
	Hoist a Power Saw		
8.	Secure rope to handle of power saw using figure eight on a bight or a bowline.		
9.	If bowline is used, must have an overhand safety.		
10	. Leave excess running end to use as a tagline.		
	Hoist a Roof Ladder		
11	. Tie a figure eight on a bight creating a loop approximately 3 to 4 feet in diameter.		
12	. Pass the rope between two beams of the ladder, three of four rungs from the top.		
13	. Pull the rope under the rungs toward the tip, place loop around the tip, and pull the		
	running end to remove the slack from the rope.		
14	. Attach a tag line to the bottom rung.		
YELLO	OW BOLD indicate a CRITICAL step and any unsafe act constitutes a failure of s	kill.	
	Points needed: 10/14		
	Performed Safely	Y/N	Y/N
Evalu	uator comments:	1	I

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NFPA Standard Edition 2019 – IFSTA Essentials 7<sup>th</sup> Edition – Chapter 7 – 4.1.2, 4.3.20 July 1, 2019





# Skill FF1-32: Fold and Deploy One-Firefighter Salvage Cover

Candidate #: \_\_\_\_\_

### INSTRUCTIONS TO THE CANDIDATE

#### Demonstrate proper technique of folding and deploying a salvage cover by a single firefighter.

Skill FF1-32 - NFPA 4.3.14 – Chapter 15, IFSTA Essentials 7 <sup>th</sup> Edition	1 <sup>st</sup>	2 <sup>nd</sup>
1. Grasp the cover with the outside hand midway between the center and the edge.		
<ol><li>Place the other hand on the cover as a pivot midway between the outside hand ar center.</li></ol>	nd the	
3. Bring the fold over to the center of the cover. This will create and inside and outside	de fold.	
<ol> <li>Grasp the corner of the cover with the outside hand. Place the other hand as a piv the cover over the outside fold.</li> </ol>	vot on	
<ol><li>Bring this outside edge over to the center and place it on top of and in line with th previously placed first fold.</li></ol>	ie	
6. Fold the other half of the cover in the same manner. Straighten the folds.		
7. Grasp the same end of the cover and bring this end to a point just short of the cen	nter.	
8. Use one hand as a pivot and bring the folded end over and place on top of the first	t fold.	
9. Fold the other end of the cover toward the center, leaving about 4" between the f	fold.	
10. Place one-fold on top of the other for the completed fold.		
<ol> <li>Groups furniture/materials together. Places folded cover atop objects and unfold center to end, in both directions.</li> </ol>	s cover	
12. Stand at one end of cover, grasps edges, one in each hand.		
13. Opens cover quickly snapping arms up and out, spread cover over objects. Repeat other side. Tucks bottom edge of cover to protect object.	t on	
YELLOW BOLD indicate a CRITICAL step and any unsafe act constitutes a fai	lure of skill.	
Points needed:	10/13	
Performed Safe	ly Y/N	Y/N
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NFPA Standard Edition 2019 – IFSTA Essentials 7<sup>th</sup> Edition – Chapter 15 – 4.3.14





# Skill FF1-33: Roll and Deploy One-Firefighter Salvage Cover

Candidate #: \_\_\_\_\_

## INSTRUCTIONS TO THE CANDIDATE

#### Demonstrate proper technique of rolling and deploying a salvage cover by a single firefighter.

Skill FF1-33 - NFPA 4.3.14 – Chapter 15, IFSTA Essentials 7 <sup>th</sup> Edition	1 <sup>st</sup>	2 <sup>nd</sup>
1. Grasp the cover with the outside hand midway between the center and the edge.		
<ol><li>Place the other hand on the cover as a pivot midway between the outside hand and the center.</li></ol>		
3. Bring the fold over to the center of the cover. This will create and inside and outside fold.		
<ol><li>Grasp the corner with the outside hand. Place the other hand as a pivot on the cover over the outside fold.</li></ol>		
<ol><li>Bring this outside edge over to the center and place it on top of and in line with the previously placed first fold.</li></ol>		
6. Fold the other half of the cover in the same manner. Straighten the folds.		
7. Fold over about 12" at each end of the cover to make clean, even ends for complete roll.		
<ol><li>Start by rolling and compressing one end into a tight compact roll. Roll toward the opposite end.</li></ol>		
9. Tuck in any wrinkles that form ahead of the roll as the roll progresses.		
10. Secure the completed roll with inner tube bands or Velcro <sup>®</sup> straps or tie with cord.		
11. Position at one end of the object. Unroll enough and cover the end of the object.		
12. Stand at one end of the cover. Grasp edges where convenient, one edge in each hand.		
13. Opens cover quickly snapping arms up and out, spread cover over objects. Repeat on other side. Tucks bottom edge of cover to protect object.		
YELLOW BOLD indicate a CRITICAL step and any unsafe act constitutes a failure of s	kill.	
Points needed: 10/13		
Performed Safely	Y/N	Y/N

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NFPA Standard Edition 2019 – IFSTA Essentials 7<sup>th</sup> Edition – Chapter 15 – 4.3.14





# Skill FF1-34: Construct and Place a Water Chute

Candidate #: \_\_\_\_\_

### INSTRUCTIONS TO THE CANDIDATE

#### Demonstrate the proper construction of a water chute, with **OR** without pike poles.

Skill Fl	F1-34 - NFPA 4.3.14 – Chapter 15, IFSTA Essentials 7 <sup>th</sup> Edition	1 <sup>st</sup>	2 <sup>nd</sup>
	Without Pike Poles		
1.	Open the salvage cover. Lay the cover flat at the desired location.		
2.	Roll the opposite edges of the salvage cover toward the center of the cover until there is 1 to 3 feet between rolls.		
3.	Turn the cover over, keeping the rolls in place.		
4.	Adjust the chute to collect and channel water by elevating one end.		
5.	Extend the other end out a door or window.		
	<u>OR</u> Using Pike Poles		
1.	Open the salvage cover. Lay the cover flat at the desired location.		
2.	Place pike poles at opposite edges of the salvage cover with the pike extending off the end of the cover.		
3.	Roll the edges of the cover over the pike poles toward the center of the cover until there is 1 to 3 feet between the rolls.		
4.	Turn the cover over, keeping the rolls in place. Adjust the chute to collect and channel water by elevating one end.		
5.	Extend the other end out a door or window.		
YELLO	OW BOLD indicate a CRITICAL step and any unsafe act constitutes a failure of s	kill.	
	Points needed: 4/5		
	Performed Safely	Y/N	Y/N
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NFPA Standard Edition 2019 – IFSTA Essentials 7<sup>th</sup> Edition – Chapter 15 – 4.3.14





## Skill FF1-35: Construct a Catch All

Candidate #: \_\_\_\_\_

### INSTRUCTIONS TO THE CANDIDATE

#### Demonstrate the proper construction of a catch all from a salvage cover.

Skill F	F1-35 - NFPA 4.3.14 – Chapter 15, IFSTA Essentials 7 <sup>th</sup> Edition		1 <sup>st</sup>	2 <sup>nd</sup>
1.	Open the salvage cover. Lay the cover flat at the desired locatio	n.		
2.	Roll the sides inward approximately 3 feet.			
3.	Lay the ends of the side rolls over at a 90-degree angle to form t	he corners of the basin.		
4.	Roll the end into a tight roll on top of the side roll and form a pro	ojected flap.		
5.	Lift the edge roll.			
6.	Tuck the end roll to lock the corners.			
7.	Roll the other end and lock the corners in the same manner.			
YELL	OW BOLD indicate a CRITICAL step and any unsafe act c	onstitutes a failure of s	skill.	
		Points needed: 5/7		
		Performed Safely	Y/N	Y/N
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NFPA Standard Edition 2019 – IFSTA Essentials 7<sup>th</sup> Edition – Chapter 15 – 4.3.14 July 1, 2019





## Skill FF1-36: Securing an Opening in a Structure

Candidate #: \_\_\_\_\_

### INSTRUCTIONS TO THE CANDIDATE

#### Demonstrate covering an unsecured opening to reduce property loss.

Skill FF1-36 - NFPA 4.3.14 – Chapter 15, IFSTA Essentials 7 <sup>th</sup> Edition			1 <sup>st</sup>	2 <sup>nd</sup>	
1.	1. Identify openings to be covered.				
2.	2. Gather tools, equipment, and materials.				
3.	3. Cover or secure openings.				
	a.	Doors			
	b. Windows				
	c. Floor openings				
	d. Roof openings				
e. Other openings as necessary					
4. Verify that the building is secure.					
YELLO	YELLOW BOLD indicate a CRITICAL step and any unsafe act constitutes a failure of skill.				
			Points needed: 3 / 4		
			Performed Safely	Y/N	Y/N
Evaluator comments:			•		

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NFPA Standard Edition 2019 – IFSTA Essentials 7<sup>th</sup> Edition – Chapter 15 – 4.3.14 July 1, 2019





# Skill FF1-37: Locate and Extinguish Hidden Fire

Candidate #: \_\_\_\_\_

### INSTRUCTIONS TO THE CANDIDATE

Demonstrate locating hidden fires and procedures to extinguish such fires effectively.

Skill FF1-37 - NFPA 4.3.8, 4.3.10, 4.3.13 – Chapter 15, IFSTA Essentials 7 <sup>th</sup> Edition			2 <sup>nd</sup>
1.	1. Confirms order with officer to overhaul.		
2.	2. Ensures all crew members are breathing SCBA air.		
3.	3. Locates area with potential hidden fire.		
	a. Uses TIC or heat detector, or		
	b. Watch, listen, or feels to detect, or		
	c. Follows burn or smoke patterns		
4. Removes or verbalizes removal of structure materials to expose hidden fire.			
5. Protects potential areas of origin and evidence for fire investigation.			
6. Performs or verbalizes extinguishment methods.			
7. Notes use of minimal water to keep damage to a minimum.			
8. Ensures complete extinguishment.			
9. Removes or verbalizes removal of stuffed material, such as sofa's, from structure.			
10. Verbalizes care to be taken in removing charred material for potential evidence in cause.			
11	11. Report to IC completion of task.		
YELLOW BOLD indicate a CRITICAL step and any unsafe act constitutes a failure of skill.			
	Points needed: 8/11		
	Performed Safely	Y/N	Y/N
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NFPA Standard Edition 2019 – IFSTA Essentials 7<sup>th</sup> Edition – Chapter 15 – 4.3.8, 4.3.10, 4.3.13