

# New Hampshire Fire Standards and Training and Emergency Medical Services.

## **Bureau of Fire Training.**

Firefighter 1 Curriculum.

**Topic: Unit 8 Ropes and Knots** 

## **Revisions:**

<b>Revision Date:</b>	Revision Description:	Revised By:
3/21/2025	Added in Diagram of proper knot placement on tools.	KW
8/7/2025	Added Diagram for Smoke Ejector Fan	KW

## NHFA FIREFIGHTER I COURSE GUIDE, CHAPTER 8: ROPES AND KNOTS

СНАР	SKILL DRILL	SKILL#	STAND. EVOL. #
8	Inspecting Ropes	8-18	
8	Cleaning Rope	8-19	
8	Placing a Rope In A Drop Bag	8-21	
8	Daisy Chain a Rope	8-20	
8	Tying a Half Hitch	8-2	
8	Tying a Figure Eight Knot	8-7	
8	Tying a Figure Eight On A Bight	8-8	
8	Tying a Figure Eight Follow-Through	8-9	
8	Tying a Girth Hitch	8-25	
8	Hoisting An Axe	8-12	
8	Hoisting A Pike Pole	8-13	
8	Hoisting A Charged & Uncharged Hose Line	8-15	
8	Hoisting an Exhaust Fan	8-14	
8	Hoisting a power tool	8-26	



#### NH FIRE ACADEMY FIREFIGHTER I

## UNIT 8 BLOCK 1 (4HR)

**CLASS NAME: ROPES AND KNOTS** 

**NUMBER OF INSTRUCTORS: 3** 

EQUIPMENT	One Rope for each student (5/8") X 15 ft. (minimum length)
NEEDED	<ul> <li>Four bagged ropes for bagging and inspecting (4)</li> </ul>

FACILITY NEEDED	An area where students can tie the required knots and hoist tools.
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SKILL DRILL REFERENCE	8-2	8-7	8-8	8-9	8-12	8-13	8-15
	8-18	8-19	8-20	8-21	8-25		

GENERAL INSTRUCTION	The Instructors shall demonstrate the step by step process for tying each knot and hoisting, attack hose, and a varity of tools
	The students shall tie knots, hoist attack hose, and hoist a varity of tools, with coaching and guidance from the Instructors.
	Although gloves are required for tying all knots, it may be advisable for the students to tie knots without gloves until they gain confidence with the skill.

#### NH FIRE ACADEMY FIREFIGHTER I

#### UNIT 8 BLOCK 1 (4HR)

EVOLUTION	DESCRIPTION
Tying Knots	The instructor shall demonstrate how to properly tie the following knots: Figure eight knot, Figure eight on a Bight, Figure eight follow through, and Girth Hitch
	The Students shall tie the following knots: -Figure eight knot, Skill Drill 8-7 -Figure eight on a Bight, Skill Drill 8-8 -Figure eight follow through, Skill Drill 8-9 -Girth Hitch, Skill Drill 8-25 -Half Hitch, Skill Drill 8-2
	The Instructors shall provide various situations for tying the knots such as: tying the figure 8 follow- through and Girth Hitch around various size objects and how to successfully tie the knot with adequate free end.
Inspecting and Bagging Rope	The Instructor shall demonstrate inspecting a rope while bagging the rope, cleaning the rope, how to properly coil and uncoil a rope, and how to daisy chain a rope.  Note: To inspect the rope while it is bagged normally requires two individuals.
	The students shall demonstrate how to bag and inspect a rope, cleaning the rope, how to properly tie a daisy chain a rope. Skill Drill 8-18, 8-19, 8-20, and 8-21
	The Instructor shall locate an area where tools and hose lines can be tied and hoisted.  The instructor shall demonstrate how to throw a rope bag and tie off the running end of the rope.
Tying and Hoisting Tools and Hose Lines	The Instructor shall demonstrate tying & hoisting tools and tying & hoisting a charged and uncharged hose line from the working end of the rope.
	Each student shall tie the appropriate knots to hoist an axe, pike pole, Exhuast fan, power saw and an uncharged and charged hose line. Skill Drill 8-2, 8-8, 8-14, 8-25 and 8-26

SKILL SHEET 8	3-2	Half Hitch Knot					
OBJECTIVE:		NFPA 1001, 4.1.2 & 4.3.20	FEH Chapt	ter: 8			
CANDIDATE NAME/NUMBER:			No.:				
TEST DATE/TIME							
EQUIPMENT RI [Add local required needed]	•	A length of life safety or utility rope.					
EVALUATOR IN	ISTRUCTIONS						
CANDIDATE IN	STRUCTIONS:	The student will properly tie a Half Hitch Knot					
NOTE: The evaluator will read the following exactly as it is written to the candidate							
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides					
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]					
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL	L]				
Critical?		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL	L]	Pass	Fail		
Critical?	The student r	[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL makes a loop in the standing part of the rope.	L]	Pass	Fail		
Critical?	The student s		ure the	Pass	Fail		
Critical?	The student s running end p itself.	makes a loop in the standing part of the rope.	ure the	Pass	Fail		
Critical?  EVALUATOR C	The student strunning end pritself.  The student v	makes a loop in the standing part of the rope. Slides the loop over the object being hoisted. Make so basses under the working end. This must tighten aga	ure the	Pass	Fail		
	The student strunning end pritself.  The student structure of the structure of the student structure of the structure of t	makes a loop in the standing part of the rope. Slides the loop over the object being hoisted. Make so basses under the working end. This must tighten aga	ure the	Pass	Fail		
EVALUATOR COMMENCON REGARDI	The student strunning end pritself.  The student strunched student structure student student structure student st	makes a loop in the standing part of the rope. Slides the loop over the object being hoisted. Make so basses under the working end. This must tighten aga	ure the	Pass	Fail		

SKILL SHEET 8-7		Figure Eight				
OBJECTIVE:		NFPA 1001, 4.1.2 & 4.3.20	FEH Chap	oter: 8		
CANDIDATE NAME/NUMBER:			No.:			
TEST DATE/TIME						
EQUIPMENT RI [Add local requ needed]	•	A length of life safety or utility rope.				
EVALUATOR IN	NSTRUCTIONS					
CANDIDATE IN	STRUCTIONS:	The student will properly tie a Figure Eight Knot				
NOTE: The evaluator will read the following exactly as it is written to the candidate						
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Gui	ides			
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]				
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	.]			
Critical?		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	.]	Pass	Fail	
Critical?	The student p	places the rope in their palm with the working end awa	-	Pass	Fail	
Critical?			ay.	Pass	Fail	
Critical?	The student of	places the rope in their palm with the working end awa	ay. rm. f their	Pass	Fail	
Critical?	The student of the student hand and follows	places the rope in their palm with the working end awa grasps the working end from between the rope and ar prings the working end of the rope around the back of	ay. rm. f their	Pass	Fail	
Critical?	The student of the student than d and follows:	places the rope in their palm with the working end award grasps the working end from between the rope and are brings the working end of the rope around the back of lows the fingers, from the wrist to the tips, through the	ay. rm. f their	Pass	Fail	
	The student of the student to the st	places the rope in their palm with the working end award grasps the working end from between the rope and are brings the working end of the rope around the back of lows the fingers, from the wrist to the tips, through the	ay. rm. f their	Pass	Fail	
EVALUATOR COMMENCON REGARDI	The student of the student to the st	places the rope in their palm with the working end award grasps the working end from between the rope and are brings the working end of the rope around the back of lows the fingers, from the wrist to the tips, through the	ay. rm. f their	Pass	Fail	

SKILL SHEET 8-8		Figure Eight on a Bight				
OBJECTIVE:		NFPA 1001, 4.1.2 & 4.3.20	FEH Chapter: 8			
CANDIDATE NAME/NUMBER:			No.:			
TEST DATE/TIME						
EQUIPMENT RI [Add local requ needed]		A length of life safety or utility rope.				
EVALUATOR IN	NSTRUCTIONS					
CANDIDATE IN	STRUCTIONS:	The student will properly tie a Figure Eight on a Bight Knot				
NOTE: The evaluator will read the following exactly as it is written to the candidate						
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guid	ides			
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]				
			<u>.                                      </u>			
Critical?			_	Pass	Fail	
Critical?	The student f	orms a bight in the rope and places it in their palm, worm them.	_	Pass	Fail	
Critical?	bight away fro		rith the	Pass	Fail	
Critical?	The student of the student to the st	om them.	rith the rm.	Pass	Fail	
Critical?	The student of the student of the student when the student is the student in the student is the student in the	orm them.  grasps the working end from between the rope and are prings the working end of the rope around the back of	rith the rm.	Pass	Fail	
EVALUATOR C	The student to hand and follow the student to hand and follow the student to the	orm them.  grasps the working end from between the rope and ar  prings the working end of the rope around the back of  pows the fingers, from the wrist to the tips, through the	rith the rm.	Pass	Fail	
EVALUATOR C  [ANY COMMENTO CON REGARDIO	The student of the st	orm them.  grasps the working end from between the rope and ar  prings the working end of the rope around the back of  pows the fingers, from the wrist to the tips, through the	rith the rm.	Pass	Fail	

SKILL SHEET 8-9		Figure Eight Follow Through					
OBJECTIVE:		NFPA 1001, 4.1.2 & 4.3.20	FEH Chapte	er: 8			
CANDIDATE NAME/NUMBER:			No.:				
TEST DATE/TIME							
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul><li>A length of life safety or utility rope.</li><li>A ring or object</li></ul>					
EVALUATOR IN	NSTRUCTIONS						
CANDIDATE IN	STRUCTIONS:	The student will properly tie a Figure Eight Follow Through Kn	not				
NOTE: The eva the following e written to the c							
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides					
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]					
Critical?							
OTTEROUT T				Pass	Fail		
- Cinioan		nake a basic figure eight, leaving sufficient rope on to go around the object they are securing the rope to	the	Pass	Fail		
	working end t		the	Pass	Fail		
	working end the student was	to go around the object they are securing the rope to	the o.	Pass	Fail		
EVALUATOR C	The student v  The student v  direction.	o go around the object they are securing the rope to wraps the rope around the object to be tied.	the o.	Pass	Fail		
EVALUATOR C	The student of the st	o go around the object they are securing the rope to wraps the rope around the object to be tied.	the o.	Pass	Fail		
EVALUATOR COMMENCON REGARDI	The student of the st	o go around the object they are securing the rope to vraps the rope around the object to be tied.	the o.	Pass	Fail		

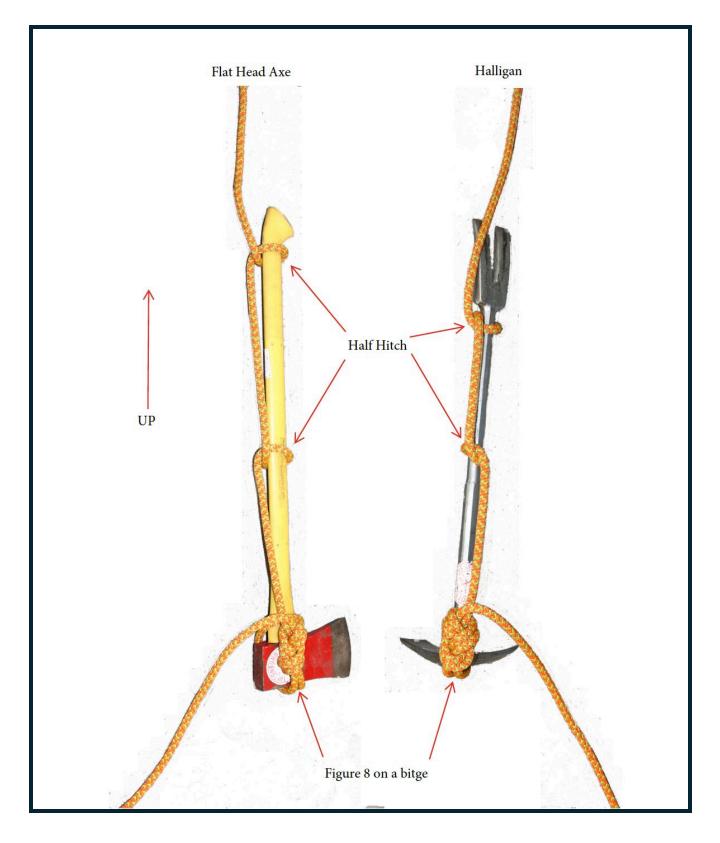
SKILL SHEET 8-12		Hoisting an Axe				
OBJECTIVE:		NFPA 1001, 4.1.2 & 4.3.20	FEH Chap	oter: 8		
CANDIDATE NAME/NUMBER:			No.:			
TEST DATE/TIME						
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul><li>Utility Rope</li><li>Axe</li></ul>				
EVALUATOR II	NSTRUCTIONS					
CANDIDATE INSTRUCTIONS:  NOTE: The evaluator will read the following exactly as it is		The student will tie the appropriate knots to properly hoist an axe.				
written to the c	andidate	NOTE: Based on material from the Skill Drill Instructor Gu	اماده			
CRITERIA:						
- W 10		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL	<u>-</u> ]	_		
Critical?	- · · · · · ·			Pass	Fail	
	The student t	osses a bag of rope while securely holding the rope				
	The student t excessive sla	ies a figure eight on a bight onto the hoisting rope wi ck.	ithout			
	Slide the figu is looped und	re eight on a bight down the handle from end to header the head.	d. Rope			
		orings the rope back up the handle and secures it wit one midpoint and one endpoint of the handle. Keepin to the handle				
	The tool can	now be hoisted.				
EVALUATOR C	OMMENTS:					
[ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]						
EVALUATOR S	IGNATURE:					
STUDENT SIGN	NATURE:					

## Fire Standards and Training & Emergency Medical Services



Unit 8 Ropes and Knots Instructor Reference Card Flat Head Axe and Halligan





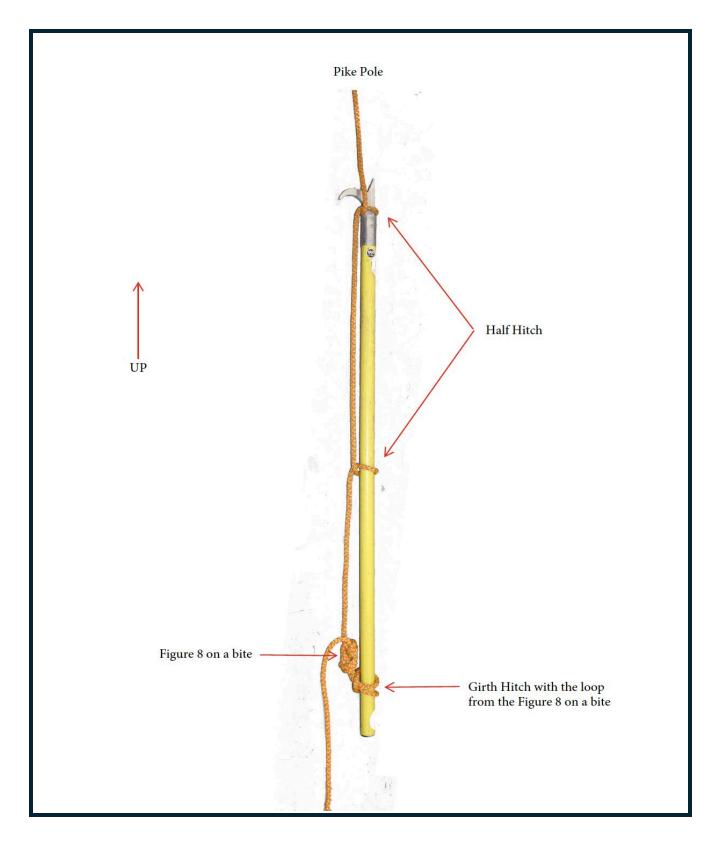
SKILL SHEET 8-13		Hoisting a Pike Pole			
OBJECTIVE:		NFPA 1001, 4.1.2 & 4.3.20	FEH Chapter: 8		
CANDIDATE NA	AME/NUMBER:		No.:		
TEST DATE/TIME					
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul><li>Utility Rope</li><li>Pike pole</li></ul>			
EVALUATOR IN	NSTRUCTIONS				
CANDIDATE IN	STRUCTIONS:	The student will tie the appropriate knots to properly hoist a Pi	ke Pole.		
NOTE: The evaluator will read the following exactly as it is written to the candidate					
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Gu [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL			
Critical?				Pass	Fail
The student		osses a bag of rope while securely holding the rope			
	The student t	ies a figure eight on a bight onto the hoisting rope.			
		nt in both hands and spread your hands apart. Twist om you and pull inward.	in both hands and spread your hands apart. Twist the two m you and pull inward.		
	Pass the two	loops around the pole and pull tight			
The student shandle and a		secures two half hitches, one near the mid-point of the second half hitch just below the head of the pike pole parallel to the handle			
	The tool can	now be hoisted.			
EVALUATOR C	OMMENTS:				
EVALUATOR COMMENTS:  [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]					
EVALUATOR S	IGNATURE:				
STUDENT SIGNATURE:					

# Fire

## Fire Standards and Training & Emergency Medical Services

# Unit 8 Ropes and Knots Instructor Reference Card Pike Pole



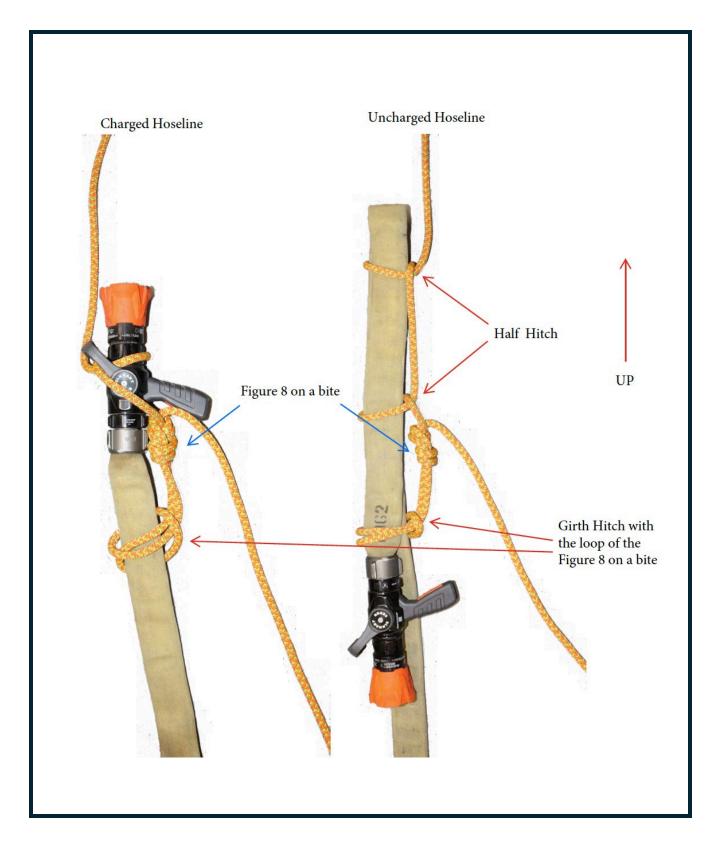


SKILL SHEET 8-15		Hoisting a Hoseline (Charged and Uncharged)			
OBJECTIVE:		NFPA 1001, 4.1.2 & 4.3.20	FEH Chap	oter: 8	
CANDIDATE NA	AME/NUMBER:	N	No.:		
TEST DATE/TIN	ΛΕ.				
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul><li>Utility Rope</li><li>Hoseline with nozzle attached</li></ul>			
EVALUATOR IN	ISTRUCTIONS				
CANDIDATE IN	STRUCTIONS:	The student will tie the appropriate knots to properly hoist hoseling	nes.		
NOTE: The evaluation the following exwritten to the contract t	xactly as it is				
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guide	es		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]			
Critical?				Pass	Fail
	The student t	osses a bag of rope while securely holding the rope			
	The student t	ies a figure eight on a bight.			
	For a Charge	d hoseline:			
		it in both hands and spread your hands apart. Twist the om you and pull inward.	e two		
	Pass the two	loops around the hoseline and pull tight			
Pass a bight rope		through the bale and over the head of the nozzle, pull t	the		
	For an uncha	rged hose line			
	Fold the hose	line back three feet from the nozzle onto its self			
	bight in one h the two loop a	ght in a length of rope and place it in one hand. Grasping the e hand, fold the bight back onto itself making two loops. Take up and fold them back together. Slide the two loops through or object you wish to secure and cinch the ends of the rope.			
		itch around the hose 6 inches from the nozzle and a itch near the hose hold.			
	The nozzle ca	an now be hoisted via the rope.			
EVALUATOR COMMENTS:					

## Fire Standards and Training & Emergency Medical Services

### Unit 8 Ropes and Knots Instructor Reference Card Charged and Uncharged Hose Lines





EVALUATOR SIGNATURE:	
STUDENT SIGNATURE:	

SKILL SHEET 8	3-18	Inspecting a Rope			
OBJECTIVE:		NFPA 1001, 4.5.1	FEH Chapter: 8		
CANDIDATE NAME/NUMBER:			No.:		
TEST DATE/TIME					
EQUIPMENT REQUIRED: [Add local requirements if needed]		A length of life safety or utility rope.			
EVALUATOR IN	NSTRUCTIONS				
CANDIDATE IN	STRUCTIONS:	The student will explain and demonstrate how to properly ins	pect rope.		
NOTE: The eva the following e written to the c					
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor G	uides		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIA	L]		
Critical?				Pass	Fail
	The student of	demonstrates feeling along the rope.			
		ing, the student verbalizes that they are feeling for scolorations or flat spots.			
When asked found with th		what the candidate should do in the event that an is e rope, the student verbalizes that the rope should b n service and the officer must be notified.			
EVALUATOR C	OMMENTS:				
[ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]					
EVALUATOR S	IGNATURE:				
STUDENT SIGN	NATURE:				

SKILL SHEET 8-19		Cleaning a Rope				
OBJECTIVE:		NFPA 1001, 4.5.1	FEH Chapter: 8			
CANDIDATE NA	AME/NUMBER:		No.:			
TEST DATE/TIME						
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul> <li>A length of life safety or utility rope.</li> <li>A location to hang the rope out of direct sunlight</li> <li>A hose and water supply to rinse the rope</li> <li>A bucket, mild detergent, and a soft bristle brush.</li> </ul>				
EVALUATOR IN	ISTRUCTIONS					
CANDIDATE IN	STRUCTIONS:	The student will explain and demonstrate how to properly cle	an rope			
NOTE: The evaluator will read the following exactly as it is written to the candidate						
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor G	uides			
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIA	L]			
Critical?				Pass	Fail	
	The student of soft bristle bri	demonstrates washing the rope with a mild deterger ush.	nt and a			
	The student r	inses the rope thoroughly with clean water.				
	The student h	nangs the rope to dry out of direct sunlight.				
EVALUATOR COMMENTS:  [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]						
EVALUATOR S	IGNATURE:					
STUDENT SIGN	IATURE:					

SKILL SHEET 8-20		Daisy Chain			
OBJECTIVE:		NFPA 1001, 4.1.2 & 4.3.20	FEH Chapter: 8		
CANDIDATE N	AME/NUMBER:		No.:		
TEST DATE/TII	ИΕ				
EQUIPMENT REQUIRED: [Add local requirements if needed]		Utility Rope			
EVALUATOR II	NSTRUCTIONS				
CANDIDATE IN	STRUCTIONS:	The student will demonstrate how to properly create a Daisy C	hain.		
NOTE: The evaluator will read the following exactly as it is written to the candidate					
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Gu	ides		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL	-]		
Critical?				Pass	Fail
	The student s	should tie at one end a figure 8 on a bight.			
	The student s	should pass the first loop through the bight			
	The student s	should then pass a second loop through the first loop	)		
	Continue follo	owing steps 2 – 3 until all of the rope is used up.			
	Take the last	end of the rope and pass it through the last loop ma	de		
	Pull tight				
EVALUATOR C	OMMENTS:				
[ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]					
EVALUATOR SIGNATURE:					
STUDENT SIGN	NATURE:				

SKILL SHEET 8-21		Creating a Drop Bag			
OBJECTIVE:		NFPA 1001, 4.1.2 & 4.3.20	FEH Chapt	ter: 8	
CANDIDATE NA	AME/NUMBER:		No.:		
TEST DATE/TIME					
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul><li>A length of life safety or utility rope.</li><li>A rope bag</li></ul>			
EVALUATOR IN	ISTRUCTIONS				
CANDIDATE IN	STRUCTIONS:	The student will demonstrate the proper steps to create a Drop B	Bag.		
NOTE: The evaluator will read the following exactly as it is written to the candidate					
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guid	des		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]			
Critical?				Pass	Fail
	The student t	ies a figure 8 near the end of the rope.			
		eeds the rope through the interior of the bag and throu in the bottom of the bag.	ugh		
	<b>T</b> L	s a figure 8 on a bight with the tail of the rope that is			
		f the bottom of the bag.	i		
	sticking out o				
	The student I outside edge  The student t	f the bottom of the bag.  oads or coils the rope into the bag by starting around t	the		
EVALUATOR C	The student I outside edge  The student t on the inside	f the bottom of the bag.  coads or coils the rope into the bag by starting around to and filling up the middle of the bag.  ies a figure 8 on a bight at the end of the rope and place.	the		
EVALUATOR C  [ANY COMMEN CON REGARDI STUDENT ACC	The student I outside edge  The student ton the inside  OMMENTS:  TS PRO OR  NG WHAT THE	f the bottom of the bag.  coads or coils the rope into the bag by starting around to and filling up the middle of the bag.  ies a figure 8 on a bight at the end of the rope and place.	the		
[ANY COMMEN CON REGARDI	The student I outside edge  The student to on the inside  OMMENTS:  TS PRO OR NG WHAT THE OMPLISHED]	f the bottom of the bag.  coads or coils the rope into the bag by starting around to and filling up the middle of the bag.  ies a figure 8 on a bight at the end of the rope and place.	the		

SKILL SHEET 8	3-25	Girth Hitch Knot			
OBJECTIVE:		NFPA 1001, 4.1.2 & 4.3.20	FEH Chapter: 8		
CANDIDATE NA	AME/NUMBER:		No.:		
TEST DATE/TIN	<b>ЛЕ</b>				
EQUIPMENT REQUIRED: [Add local requirements if needed]		A length of life safety or utility rope.			
EVALUATOR IN	NSTRUCTIONS				
CANDIDATE IN	STRUCTIONS:	The student will properly tie a Girth Hitch Knot			
NOTE: The evaluator will read the following exactly as it is written to the candidate					
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor G	uides		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIA	L]		
Critical?		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIA	L]	Pass	Fail
Critical?	The student r	[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIA	L]	Pass	Fail
Critical?	Take the bigh			Pass	Fail
Critical?	Take the bigh	makes a bight in the standing part of the rope.  It in both hands and spread your hands apart. Twist		Pass	Fail
EVALUATOR COMMENT CON REGARDI STUDENT ACC	Take the bigh sides away free Pass the two comments:  TS PRO OR NG WHAT THE	nakes a bight in the standing part of the rope.  It in both hands and spread your hands apart. Twist om you and pull inward.		Pass	Fail
EVALUATOR C  [ANY COMMENTO CON REGARDIO	Take the bigh sides away from Pass the two comments:  TS PRO OR NG WHAT THE OMPLISHED]	nakes a bight in the standing part of the rope.  It in both hands and spread your hands apart. Twist om you and pull inward.		Pass	Fail

SKILL SHEET 8-14		Hoisting an Exhaust Fan		
OBJECTIVE:		NFPA 1001, 4.1.2 & 4.3.20 FEH C	FEH Chapter: 8	
CANDIDATE NAI	ME/NUMBER:	No.:	No.:	
TEST DATE/TIME				
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul><li>Utility Rope</li><li>Exhaust fan</li></ul>		
EVALUATOR INS	STRUCTIONS			
CANDIDATE INS	TRUCTIONS:			
NOTE: The evaluator will read the following exactly as it is written to the candidate				
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides		
		[ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]		
Critical?			Pass	Fail
Critical?	The student th	roughs a rope bag and secures the running end of the rope	Pass	Fail
Critical?	The then stude the top two har	roughs a rope bag and secures the running end of the rope ent ties a figure 8 follow through from the working end around endles of the exhaust fan. It will look like a triangle when tension e line. All three sides of the triangle should be close to equal.	Pass	Fail
Critical?	The then stude the top two had is placed on the	ent ties a figure 8 follow through from the working end around ndles of the exhaust fan. It will look like a triangle when tension		Fail
Critical?	The then stude the top two had is placed on the	ent ties a figure 8 follow through from the working end around andles of the exhaust fan. It will look like a triangle when tension e line. All three sides of the triangle should be close to equal.		Fail
EVALUATOR CO	The then stude the top two had is placed on the Using a second the opposite had Hoist tool	ent ties a figure 8 follow through from the working end around andles of the exhaust fan. It will look like a triangle when tension e line. All three sides of the triangle should be close to equal.		Fail
	The then stude the top two has is placed on the Using a second the opposite has Hoist tool	ent ties a figure 8 follow through from the working end around andles of the exhaust fan. It will look like a triangle when tension e line. All three sides of the triangle should be close to equal.		Fail
EVALUATOR CO [ANY COMMENT REGARDING WH	The then stude the top two has is placed on the Using a second the opposite has Hoist tool  MMENTS:  S PRO OR CON LAT THE MPLISHED]	ent ties a figure 8 follow through from the working end around andles of the exhaust fan. It will look like a triangle when tension e line. All three sides of the triangle should be close to equal.		Fail

### Fire Standards and Training & Emergency Medical Services

Unit 8 Ropes and Knots
Instructor Reference Card
Smoke Ejector Fan



