

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 18-1

SKILL SHEET 18-1		Fully Involved Vehicle Fire	
OBJECTIVE:		NFPA 1001, 4.3.7	FEH Chapter: 18
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • PPE/SCBA • Two charged and manned hoselines • Burn Car or prop 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		Working as a member of a team, the student will extinguish a fully involved vehicle fire.	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	Bleed the nozzle and stay back to allow for the full reach of the straight stream pattern when initiating knockdown. The nozzle team should approach from the corner of the vehicle at a 45° angle, not directly from the front or back.		
	The nozzle should be kept moving and directed at all sections of the vehicle. Make sure to periodically aim the stream down, because banking it off the street allows water to bounce up and cool the undercarriage and the gas tank.		
	The nozzle team should make an effort to cool the A, B, and C posts. These usually contain the airbag cylinders and could be in jeopardy of a burst.		
	The nozzle team can bank the water stream off of the ceiling of the vehicle to create a sprinkler effect.		
	As the crew advances, the nozzle pattern should be adjusted from a straight stream to a wider angle. The nozzle stream should eventually be adjusted to a medium fog pattern to provide more coverage as well as wider protection. This also helps to drive away noxious smoke and redirects flammable liquids.		
	After a fire has been darkened down and the bumpers cooled, the hood and trunk must be opened to fully extinguish any confined fire.		

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EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]	
EVALUATOR SIGNATURE:	
STUDENT SIGNATURE:	

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SKILL SHEET 18-2		Methods of Opening the Hood	
OBJECTIVE:		NFPA 1001, 4.3.7	FEH Chapter: 18
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • PPE • Two charged and manned hoselines • Burn Car or prop 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		The student will describe the various ways to open a hood, and then perform the task while working as part of a team.	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	One approach to cooling the engine compartment is to drive the point of the Halligan into the side of the hood, 4–12 in. from the edge.		
	Prying up then raises a small section of the hood and creates an opening through which water can be directed into the engine area.		
	One approach is to take the fork end of the Halligan and drive it under the hood and onto the hood staple.		
	Rotate clockwise or counterclockwise and snap the staple off. * operating in front of the bumpers should not be attempted until they have been thoroughly cooled and the interior of the engine compartment has been cooled using Method 1 step 1.		
	Once the hood is opened, it can be propped with a tool.		
	An alternate method is to take the fork of the Halligan, place it in the hood supports, and twist them outward, thus preventing them from retracting.		

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EVALUATOR SIGNATURE:	
STUDENT SIGNATURE:	

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
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SKILL SHEET 18-3		Passenger Compartment Fire	
OBJECTIVE:		NFPA 1001, 4.3.7	FEH Chapter: 18
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • PPE • Two charged and manned hoselines • Burn Car or prop 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS:		Student will extinguish a passenger compartment fire.	
<i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>			
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	Bleed of the nozzle in a safe direction. As a team open the nozzle and knock down the fire from a distance.		
	The nozzle should be kept moving and directed at all sections of the vehicle. Periodically aiming the stream down and banking it off the street allows water to bounce up and cool the undercarriage and the gas tank.		
	The nozzle team should approach from the corner of the vehicle, at a 45° angle, not directly from the front or back. As the crew advances, the nozzle pattern should be adjusted from a straight stream to a wider angle.		
	As a team close the nozzle and move forward approximately 10 to 15' and open the nozzle.		
	The nozzle stream should eventually be adjusted to a medium fog pattern to provide more coverage as well as wider protection.		
	Care should be taken to cool all parts of the vehicle thoroughly prior to approaching the vehicle. On approach, cool the vehicle inside and out.		

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EVALUATOR SIGNATURE:	
STUDENT SIGNATURE:	

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
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SKILL SHEET 18-4		Trunk Fire	
OBJECTIVE:		NFPA 1001, 4.3.7 B	FEH Chapter: 18
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • PPE • Two charged and manned hoselines • Burn Car or prop 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		Student will extinguish a trunk fire.	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	Bleed of the nozzle in a safe direction. As a team open the nozzle and knock down the fire from a distance.		
	The nozzle should be kept moving and directed at all sections of the vehicle. Make sure to periodically aim the stream down; banking it off the street allows water to bounce up and cool the undercarriage and the gas tank. The nozzle team should approach from the corner of the vehicle at a 45° angle, not directly from the front or back.		
	As a team close the nozzle and move forward approximately 10 to 15' and open the nozzle.		
	As the crew advances, the nozzle pattern should be adjusted from a straight stream to a wider angle. The nozzle stream should eventually be adjusted to a medium fog pattern to provide more coverage as well as wider protection. The also helps to drive away noxious smoke and redirects flammable liquids.		
	In a trunk fire, often the back seat has burned through, and so it is efficient to douse the flame through the back seat. Once the fire is darkened down, the trunk should be opened and overhauled.		

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SKILL SHEET 18-5		Methods to Access a Trunk Fire	
OBJECTIVE:		NFPA 1001, 4.3.7	FEH Chapter: 18
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • PPE/SCBA • Two charged and manned hoselines • Burn Car prop 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		The student will describe the various ways to access a trunk fire.	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	One method to get water inside a trunk is to punch a hole through the tail light. When doing so, avoid standing in line with the rear bumper.		
	Another method to access a fire in the trunk compartment is to go through the back seat of the vehicle. There are usually latches on the deck behind the back seat.		
	Another method is to use the trunk latch, usually located within the glove compartment or next to the driver's seat.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

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SKILL SHEET 18-6		Identify Automobile Fuel Type	
OBJECTIVE:		NFPA 1001, 4.3.7	FEH Chapter: 18
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> PPE/SCBA 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		The student will identify the automobile fuel type.	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	The fuel type is usually displayed as placards on the actual vehicle.		
	Student properly identifies an E85 fueled vehicle.		
	Student properly identifies a diesel vehicle.		
	Student properly identifies a hybrid vehicle.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

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SKILL SHEET 20-1		Inherent Hazards Related To The Material's Configuration	
OBJECTIVE:		NFPA 1001, 4.3.8	FEH Chapter: 20
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • Photos or video of a fire scene 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS:		Given a simulated fire scene, student explains the hazards present.	
<i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>			
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	Student will observe a fire scene and explain the hazards related to a material's configuration		
EVALUATOR COMMENTS:			
[ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

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SKILL SHEET 20-2		Determine Exposure Threats Based On Fire Spread Potential	
OBJECTIVE:		NFPA 1001, 4.3.8	FEH Chapter: 20
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • Photo or video of a fire scene 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		Student will explain exposure threat and fire spread potential of a simulated fire event.	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	Student will assess a situation and determine and verbalize the exposure threats at a given fire scene.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

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SKILL SHEET 20-4		Attacking a Fire Above Grade Level	
OBJECTIVE:		NFPA 1001, 4.3.10	FEH Chapter: 20
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • PPE/SCBA • Hoseline and nozzle 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS:		Working as a members of a team, the student will attack a fire above grade.	
<i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>			
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	First assemble the team on the floor below the fire.		
	Make sure you have brought enough hose to stretch to the seat of the fire.		
	Scout the floor below the fire floor to see the layout. Most high-rise buildings have similar layouts on the floors.		
	Locate a standpipe in the stairwell, one floor below the fire floor. Check that all pressure-reduction devices have been removed from the standpipe.		
	Attach the female fitting of the hose bundle to the male fitting of the standpipe.		
	Flake out the appropriate hose length, advancing it to the door of the fire floor. Charge and bleed the line.		
	Check to ensure that everyone is prepared and wearing full PPE.		
	Enter the fire floor, advance to the fire, and extinguish it using an approved method.		

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STUDENT SIGNATURE:	

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SKILL SHEET 20-5	Attacking a Fire Below Grade Level		
OBJECTIVE:	NFPA 1001, 4.3.10	FEH Chapter: 20	
CANDIDATE NAME/NUMBER:		No.:	
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]	<ul style="list-style-type: none"> PPE/SCBA Hoseline Engine 		
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>	Working as a member of a team, the student will attack a fire below grade.		
CRITERIA:	NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]		
Critical?		Pass	Fail
	Flake out an adequate amount of hose to reach the seat of the fire.		
	Call for water and bleed the line.		
	Every effort should be made to properly ventilate the space. Sometimes basements have small windows that can be broken to ventilate. Another option would be to breach the floor above the fire to ventilate the space.		
	Check with the hose team to make sure everyone is prepared and wearing full PPE.		
	Simultaneously with the completion of the ventilation, advance the line down the stairs.		
	Once the entire team has advanced to the bottom of the stairs, advance to the fire and extinguish using an approved method. Do not open up the line prior to advancing all the way down the stairs. Doing so could cause steam to envelop and burn the hose team.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			

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EVALUATOR SIGNATURE:	
STUDENT SIGNATURE:	

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
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SKILL SHEET 20-6		Attacking a Fire on Grade Level	
OBJECTIVE:		NFPA 1001, 4.3.10	FEH Chapter: 20
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • PPE/SCBA • Hoseline • Engine 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		Working as a member of a team, the student will attack a fire on grade level.	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	Flake out an adequate amount of hose to reach the seat of the fire.		
	Call for water and bleed the line.		
	Check with the hose team to make sure everyone is prepared and wearing full PPE.		
	As the ventilation is completed on the structure, advance into the structure and extinguish the fire using an approved method.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
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SKILL SHEET 20-8		Protect Exposures	
OBJECTIVE:		NFPA 1001, 4.3.8	FEH Chapter: 20
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • Hoseline • Engine • PPE/SCBA 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		Working as a member of a team, the student will demonstrate protecting exposures with water.	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	Student demonstrates flowing water on an exposure to protect it.		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			