

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 5-1

SKILL SHEET 5-1	Fire Behavior – Ignition		
OBJECTIVE:	NFPA 1001, 4.3.11, 4.3.12	FEH Chapter: 5	
CANDIDATE NAME/NUMBER:		No.:	
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]	<ul style="list-style-type: none"> PPE SCBA Thermal Image Camera 		
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 different stages of fire development		
CRITERIA:	NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]		
Critical?		Pass	Fail
	The student has identified the stage of fire development		
	Describe the different parts of the fire triangle and fire tetrahedron		
	Describe the different modes of heat transfer		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 5-2

SKILL SHEET 5-2	Fire Behavior – Growth		
OBJECTIVE:	NFPA 1001, 4.3.11, 4.3.12	FEH Chapter: 5	
CANDIDATE NAME/NUMBER:		No.:	
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]	<ul style="list-style-type: none"> PPE SCBA Thermal Image Camera 		
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 different stages of fire development		
CRITERIA:	NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]		
Critical?		Pass	Fail
	The student has identified the stage of fire development		
	Describe the different parts of the fire triangle and fire tetrahedron		
	Describe the different modes of heat transfer		
	Explain thermal layering and its dangers		
	Describe rollover and its dangers		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 5-3

SKILL SHEET 5-3	Fire Behavior – Fully Developed		
OBJECTIVE:	NFPA 1001, 4.3.11, 4.3.12	FEH Chapter: 5	
CANDIDATE NAME/NUMBER:		No.:	
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]	<ul style="list-style-type: none"> PPE SCBA Thermal Image Camera 		
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 different stages of fire development		
CRITERIA:	NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]		
Critical?		Pass	Fail
	The student has identified the stage of fire development		
	Describe Flashover and the warning signs		
	Explain how to prevent flashover		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 5-4

SKILL SHEET 5-4		Fire Behavior – Decay		
OBJECTIVE:		NFPA 1001, 4.3.11, 4.3.12	FEH Chapter: 5	
CANDIDATE NAME/NUMBER:			No.:	
TEST DATE/TIME				
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> PPE SCBA Thermal Image Camera 		
EVALUATOR INSTRUCTIONS				
CANDIDATE INSTRUCTIONS:		The student will identify the different stages of fire development		
<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	
	The student has identified the stage of fire development			
	Describe Backdraft and the warning signs			
	Explain how to prevent Backdraft			
EVALUATOR COMMENTS:				
[ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]				
EVALUATOR SIGNATURE:				
STUDENT SIGNATURE:				

FIRE ENGINEERING'S HANDBOOK FOR FIREFIGHTER I & II
Instructor Curriculum Skill Evaluation Sheet 5-5

SKILL SHEET 5-5		Fire Behavior – Reading Smoke	
OBJECTIVE:		NFPA 1001, 4.3.11, 4.3.12	FEH Chapter: 5
CANDIDATE NAME/NUMBER:			No.:
TEST DATE/TIME			
EQUIPMENT REQUIRED: [Add local requirements if needed]		<ul style="list-style-type: none"> • PPE • SCBA • Thermal Image Camera 	
EVALUATOR INSTRUCTIONS			
CANDIDATE INSTRUCTIONS: <i>NOTE: The evaluator will read the following exactly as it is written to the candidate</i>		The student should describe the 3 step process to reading smoke	
CRITERIA:		NOTE: Based on material from the Skill Drill Instructor Guides [ADDITIONAL LINES FOR AHJ TO ADD OTHER MATERIAL]	
Critical?		Pass	Fail
	Identify several fire gases released by burning material		
	Explain the key attributes of smoke (volume, velocity, density, and color)		
	Describe what influences the key attributes		
	Explain the rate of change		
EVALUATOR COMMENTS: [ANY COMMENTS PRO OR CON REGARDING WHAT THE STUDENT ACCOMPLISHED]			
EVALUATOR SIGNATURE:			
STUDENT SIGNATURE:			