



NFPA 1033 Standard for Professional Qualifications for Fire Investigator 2014 Edition
 NFPA 921 Guide for Fire and Explosion Investigations 2017 Edition

Candidate: _____ **Date:** _____

Reference Source NFPA 1033 2014 Edition 1.3.7 (1,2,3,5,8,9) 4.2.5, NFPA 921 2017 Chapter 6, 18

Expected Completion Time is: 20 Minutes

TASK: 4.2.5- Interpret and analyze fire patterns, given standard equipment and tools and some structural or content remains, so that fire development is determined, methods and effects of suppression are evaluated, false origin area patterns are recognized, and all areas of origin are correctly identified.					
PERFORMANCE OUTCOME: The Fire Investigator shall evaluate, interpret and analyze the fire patterns and relationship between the fuel load and heat release rate, form, and ignitibility; distinguish impact of different types of fuel loads, evaluate fuel trails; and analyze and synthesize information to identify the fuel source for fire patterns and correctly identify where full room involvement has occurred.					
EQUIPMENT REQUIRED: Appropriate Personal Protective Equipment, standard equipment and tools					
CONDITIONS: Given a prepared fire scene the candidate shall:					
NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	Correctly identify the fire pattern generation for two out of three patterns identified by the Examiner				
2.	Fire Pattern 1				
3.	Fire Pattern 2				
4.	Fire Pattern 3				
5.	Correctly identify if full room involvement has occurred in a minimum of 2 out of 3 fire scenes				
6.	Fire Scene 1				
7.	Fire Scene 2				
8.	Fire Scene 3				
Total:		/6		/6	

BOLD=Critical Criteria that must be successfully completed.
Skills must be completed with >75% pass rate. (5/6)

Examiner (Print & Sign)	Date	Candidate	Date
Retest Examiner (Print & Sign)	Date	Candidate	Date