FORENSIC FIRE ANALYSIS INSTITUTE

FFAI Skill Sheet 5.1 FGS © Revised: 10-18-21

NFPA 1033 Standard for Professional Qualifications for Fire Investigator 2022 Edition
NFPA 921 Guide for Fire and Explosion Investigations 2021 Edition

Candidate: _____ **Date:** _____

Reference Source NFPA 1033 2022 Edition 4.1.7 (2-a, b, d, 3-a, 4-d), 4.3.1, 4.3.2, 4.3,3, NFPA 921 2021 Edition Chapter 10

Expected Completion Time: 20 Minutes

TASK: 4.2.8* Inspect the performance of building systems, including detection, suppression, HVAC, utilities, and building compartmentation, given standard and special equipment and tools, so that a determination can be made as to the need for expert resources, an operating system's impact on fire growth and spread is considered in identifying origin areas, defeated and/or failed systems are identified, and the system's potential as a fire cause is recognized.

PERFORMANCE OUTCOME: The Fire Investigator shall document the condition of the gas system

EQUIPMENT REQUIRED: Appropriate Personal Protective Equipment, common tools and equipment

CONDITIONS: Given a prepared fire scene or skills teaching prop the candidate shall:

NO.	TASK STEPS	FIRST TEST		RETEST	
		Pass	Fail	Pass	Fail
1.	**Verbalize confirmation that the system is no longer charged with fuel gas.**				
2.	Correctly document the condition of the panel in a visual representation to include:				
	A. Diagram the system layout including components and devices from the meter into the building				
	B. Collect information on devices including make, model and other labeling or identifying marks				
	C. Photograph all components and devices from the meter into the building				
	D. Document any damage that is observed				
	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**