



# Stafford County Fire and Rescue Department Office of the Fire Marshal

1225 Courthouse Road, PO BOX 339, Stafford, VA 22555  
(540) 658-8648 · [www.staffordfirerescue.com/fm](http://www.staffordfirerescue.com/fm)



Acceptance Testing/Inspection Checklist for:

## Kitchen Hood Suppression System Test (862)

### Applicable Codes and Standards:

VCC – Virginia Construction Code (2018)

VSFPC – Virginia Statewide Fire Prevention Code (2018)

NFPA 17A – NFPA Standard for the Installation of Wet Chemical Fire Protection Systems (2017)

### Inspection Basics:

Yes	No	Item	Code Section
		Building address posted and visible from the street?	VCC 110.5
		Applicable construction permit posted?	VCC 110.5
		Approved plans on site?	VCC 109.5

If any of these are “No”, the inspection may be failed immediately.

### Key Information:

Yes	No	Item	Code Section
		Is the suppression system AND COKKING EQUIPMENT the same type/style identified on the approved plans?	VCC 904.11
		Does the suppression system include a gauge or other signal to illustrate that the system has operated?	NFPA 17A, 5.2.1.8
		Is there a manual pull station located along the path of egress, about 4 feet from the floor, properly labeled and clear of any obstructions?	VCC 904.11.1
		Is there a type-K fire extinguisher along the path of egress within 30 feet of the kitchen equipment?	VSFPC 904.11.5
		Is the suppression system controller, containers and expellant gas assemblies located in an environmentally safe location free from damage, high temperatures, and clearly accessible?	NFPA 17A, 5.4
		Are the discharge nozzles the type specified in the plans and include a protective cap or other suitable device to prevent the entrance of grease vapors or moisture?	NFPA 17A, 4.3.1.5
		If the suppression system protects more than one hood or multiple hoods have a common duct, does it comply with NFPA 17A, 5.6 (simultaneous operations)?	NFPA 17A, 5.6
		Is there at least one UL listed fusible link or heat detector provided above each cooking appliance (or group of appliance protected by a single nozzle)?	NFPA 17A, 5.6.1.6
		Is all the piping non-combustible and all conduit penetrations of the hood properly sealed?	NFPA 17A, 5.6.1.7
		If the building is equipped with a fire alarm system, is the suppression system tied into the building for alarm and trouble signals? PRIOR to testing any alarms, ensure that the fire alarm monitoring company and Stafford County ECC have been notified.	VSFPC 901.7
		Ensure that the contractor is set up to do a proper discharge test from all nozzles per the manufacturers requirements/instructions. Activate the system via the manual pull station. Did every nozzle appear to flow evenly and appropriately?	NFPA 17A, 6.4.2



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	Reset the system and test an “automatic” activation by testing the LAST (most remote) fusible link or detector. Ensure that all equipment under the hood is on and power/gas is being supplied. Did the system activate and “discharge” appropriately again?	NFPA 17A, 5.2
	Did the activation of the system on both tests activate at least one local notification device/bell and activate an alarm signal (clearly illustrating the type and location of alarm) at the fire alarm panel if equipped?	VCC 904.3.5
	Did the activation of the system shut down power and fuel supply to ALL equipment protected under the hood? Does it have to be manually reset after system activation?	VCC 904.11.2
	Did the activation of the system turn on or keep on the exhaust fan and did they continue to operate during and after then system discharge?	NFPA 17A, 4.4.3.5
	Is the system fully functional, wiring completed and appear to be compliant with the IMC and NFPA 17A? Are grease filters in place and stamped “listed grease filter” on the side? Is the duct work and exhaust fan completed and per the approved plans?	VCC 904.11
	Has the NFPA 17A “Test Certificate” been completely filled out and a copy provided to the AHJ? (Required for approval as this is typically the “final” inspection for this system)	NFPA 17A, 6.4.1