

Hood Suppression Acceptance Testing Procedures

1. Verify that the approved drawing is on-site.	
2. Verify that you received the installation certification for the installing technician/company.	
3. Locate the manual pull station and ensure that it is easily accessible in the path of egress.	Verify that it is located within 10-20' from the hood and mounted between 42-48" AFF.
4. Verify that pipe size and configuration complies with the approved plans.	
5. Verify piping and nozzles are secured.	
6. Verify nozzle types match the appliance hazard and type of use as shown on the plans. Nozzle placement complies with the approved plans.	This is a great time to measure each appliance to ensure they are installed properly.
7. Locate the fuel and/or power shut down device.	This must be manually reset.
8. Verify nozzle blow off caps are in place.	
9. Verify the plenum and duct areas are protected in accordance with approved plans.	
10. The chemical container is accessible and installed in accordance with NFPA 17A 5.4.1.	
11. Pressure gauges are in the operable range.	
12. Ensure listed grease filters are in place.	
13. Ensure that all penetrations in the hood are properly sealed.	
14. Ensure that the class K extinguisher is mounted, located within 30' of the cooking equipment, and the accompanying placard is mounted above it.	
15. Ensure that the system is tagged by the installing contractor. Also, make sure you receive the record of completion from the installing contractor.	
Nitrogen Blow-Off Test:	
16. Ensure that the manual pull station activates the system (Nitrogen blow-off test).	**Balloons shall be positioned on all nozzles.**
17. Operation of a detection device activates the system (Nitrogen blow-off test).	This is typically accomplished utilizing a test link. **Balloons shall be positioned on all nozzles.**

18. Building fire alarm (if available) shall sound upon system activation.	
19. Locate the fuel and/or power shut down device(s).	Ensure that these trip OFF when the system is activated.
20. Make sure that all balloons are filled with air upon activation.	
21. Make-up air shall cease operation upon activation of the suppression system and the exhaust fan shall continue operation.	
Conclude Testing	

***Note: This may not be an inclusive list, but can serve as a great guide when completing a hood suppression acceptance test. ***