

## **Suppression System Plan Review Submittal Requirements**

The following is a list of requirements for all plan submittals. Any information that is not provided may result in the plans being rejected and returned without review.

### **Application**

1. Completed Application Form with all fields filled-in.
2. PDF containing all drawings, calculations, and specifications emailed to [firemarshal@cityoftahlequah.com](mailto:firemarshal@cityoftahlequah.com)

### **50% Walkthrough (if applicable) or 100% Walkthrough**

3. One set of reviewed plans with the colorized stamps on it is required to be on site before the walkthrough.
4. One set of reviewed submittal brochure with the colorized stamps on it is required to be on site before the walkthrough.
5. Verify the hood extends past the cooking appliance(s)
6. Verify the proper backsplash is installed
7. Verify all piping is properly secured
8. Verify a fusible link is properly located
9. Verify there is enough tension on the cable in order for the pull station to work properly
10. Shut off valves for gas piping shall be prohibited in all non-accessible concealed locations and shut off valves shall be plainly marked, and visible from the floor, with an identification tag by the installer. (IMC 1307)
11. Verify all appliances are in place. If the appliance is on wheels/rollers then a lanyard is required to be connected to the appliance and wall/floor. The flooring must either be permanently marked identifying the exact location of all individual appliances or a device that will secure the legs/wheels of the individual appliance in place in order for the suppression nozzle to operate properly.
12. Verify all nozzles are correctly placed in relation to the appliance
13. Verify nozzles are installed to protect the hood horizontally and vertically
14. Verify the gas is operational
15. Verify the electric is operational
16. Verify the hood is operational
17. Verify the pull station to each system is located between 10' and 20' of the appliance(s)
18. If multiple hoods are installed, verify each system is properly labeled on the hood system and near the pull station
19. Verify a Type K extinguisher is installed within 30' of the appliances towards the exit
20. Perform two tests: (1) cut a test link, (2) pull the pull station. At least one test shall involve the blowing up of the balloons on all the nozzles
21. Once the tests have been performed, verify the nozzles are taken off and checked for debris
22. If a fire alarm system is installed verify it is tied to the fire alarm system
23. If there is not a fire alarm system installed, provide a horn/strobe in the area where it can be seen throughout
24. Verify the appropriate tag is placed on the riser with the correct information (if applicable)
25. Verify a green tag is placed on the fire alarm control panel