### SANTA ROSA FIRE DEPARTMENT
#### FIRE PREVENTION BUREAU
#### INSPECTION CHECKLIST

**FIXED EXTINGUISHING SYSTEMS (HOOD SYSTEM)**

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<td>Inspector:</td>
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A-Approved, R-Re-inspection Required

This Checklist outlines general requirements. Information contained herein applies to typical instances and may not address all circumstances.

### CODE REFERENCES

- 2007 California Fire Code (CFC), Chapter 9 Section 905
- National Fire Protection Association (NFPA) 17 and 96
- International Mechanical Code (IMC)

### REQUIRED INSPECTIONS

1. System function test.
2. Fire Alarm test if applicable.

### FILE REVIEW

#### General

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### FIELD INSPECTION

#### General

1.  |  | Verify suppression system installation is consistent with approved plans. |
2.  |  | Verify nozzle locations match what is depicted on approved plans. |
3.  |  | Verify all appliances are protected with approved nozzles. CFC 904.11 |
4. ☐ ☐ Verify the kitchen hood must extend at least 6" from all appliances.

5. ☐ ☐ Verify a 9" splash guard or a 16" separation must be present on a fryer if it sits next to an open-flamed, gas-fired appliance.

6. ☐ ☐ Verify balloons are in place on all nozzles (plenum, duct shaft, and over all appliances).

7. ☐ ☐ Industry Standard - Verify Inert (nitrogen or CO2) gas supply hooked up to system for test.

8. ☐ ☐ Verify system functionality by both manual pull station, and a test link located in the plenum chamber.

9. ☐ ☐ Verify system actuate immediately upon the pull station activation or cutting the test link.

10. ☐ ☐ Verify gas appliances shut off - CFC 904.3.3.

11. ☐ ☐ Verify electrical equipment shut off. The exhaust fan shall continue to operate - CFC 904.3.3.

12. ☐ ☐ Verify the building fire alarm system activate (if required) - CFC 904.3.5.

13. ☐ ☐ Manufacture Standard Method - Verify balloons inflated properly (depending upon flow points) to show correct nozzle flow.

14. ☐ ☐ Verify system by second means of activation. Pull station or Test Link (Circle one) - CFC 904.11.1

15. ☐ ☐ Verify all penetrations of the hood are protected by UL approved grease-seals - CFC 904.11.

16. ☐ ☐ Industry Standard - Verify all pipe threads are Teflon-taped per manufacture listing or industry standard.

17. ☐ ☐ Verify nozzles are correct for appliances and aimed correctly - CFC 904.4.1.

18. ☐ ☐ Verify Class K fire extinguisher is mounted, tagged and sealed.

19. ☐ ☐ Post required signage for Class K extinguisher - CFC 904.11.5.2.

20. ☐ ☐ Verify nozzle caps have been installed after acceptance test.

21. ☐ ☐ Verify system has been tagged with proper State Fire Marshal’s certification tag – Title 19 CCR.