

Fire Chief  
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Rio Rancho, NM 87124



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## Rio Rancho Fire Rescue HOOD SUPPRESSION SYSTEM CHECKLIST

<b>Project Information</b>		<b>Revised 04/26/2023</b>
Project Name	Address and/Legal Description	Building Permit Number

#	Pass	Fail	N/A	Requirement	Code Ref.
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>REVIEW AND CERTIFICATION:</b> The installer shall provide certification to the AHJ that the installation complies with the terms of listing and the manufacturer's instructions and/or approved design.	NFPA 17A 6.2 & IFC 904.1.1
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>PROJECT INFORMATION:</b> Name and address to include quadrant and zip code.	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>BUILDING PERMIT NUMBER:</b>	
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>COMPANY INFORMATION:</b> Name and Address of designer and installer	NFPA 17a 6.3.2
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>NEW OR EXISTING SYSTEM (MODIFICATION)</b>	NFPA 17A 6.3.2 & NFPA 96 10.2.7
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>FIRE ALARM MONITORING:</b> Where a building fire alarm system is installed, automatic fire extinguishing systems shall be monitored by the fire alarm system in accordance with NFPA 72	IFC 904.3.5
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>MAKE AND MODEL OF TANK ASSEMBLY</b>	NFPA 17A 6.3.2
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>FLOW POINT CAPACITY OF TANK</b>	NFPA 96 10.9
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>DIMENSIONS OF COOKING APPLIANCES</b>	NFPA 96 10.9
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>DESCRIPTION AND LOCATION OF NOZZLES</b>	NFPA 96 10.9
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>TOTAL NUMBER OF FLOW POINTS</b>	NFPA 17A 6.3.3
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>SIZE, LENGTH, AND ARRANGEMENT OF CONNECTED PIPING</b>	NFPA 17a 6.3.1 & NFPA 96 10.9
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>FUSIBLE LINK/HEAT DETECTOR LOCATIONS AND TEMPERATURE RATING</b>	NFPA 17A 6.3.4 & 5.6.1.6
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>MANUAL SYSTEM OPERATION:</b> Pull Station(s) are provided not less than 10ft and not more than 20 ft from kitchen exhaust system. Pull Station(s) shall be installed not more than 48 inches, nor less than 42 inches above the floor.	IFC 904.12.1
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>SYSTEM INTERCONNECTION:</b> The actuation of the fire extinguishing system shall automatically shut down the fuel or electrical power supply to the cooking equipment. Including lights under the Type 12 hood	NFPA 17A 4.7 & IFC 904.12.2
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>MAKEUP AIR:</b> When the fire-extinguishing system activates, makeup air supplied internally to a hood shall be shut off	NFPA 96 8.3.2
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>EXHAUST FAN OPERATION:</b> A hood exhaust fan(s) shall continue to operate after the extinguishing system has been activated	NFPA 96 8.2.3.1
18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<b>FIRE EXTINGUISHERS FOR COMMERCIAL COOKING EQUIPMENT:</b> Class K rated extinguisher shall be provided within a 30 ft distance of travel from commercial-type cooking equipment	IFC 904.12.5