

Commercial Kitchen Exhaust Ventilation System Verification Report



Submit to Building Inspector &/or Plans Examiner prior to scheduling final building inspection.
 Inspection Questions: Inspections@cityofvancouver.us

Project Address: _____ **Permit #:** _____

2018 IMC Sections 507 and 508, IFGC 505 requirements	Yes	No
Was the exhaust air flow (CFM and FPM) verified to meet International Mechanical Code and City approved plan requirements?		
Was the makeup air flow (CFM) verified to meet International Mechanical Code and City approved plan requirements?		
Has the proper operation of exhaust and makeup system been verified?		
Is the mechanical makeup air system electrically interconnected to exhaust to ensure that makeup air is provided when exhaust system in in operation?		
<p>IMC 507.6.1 Capture and containment test: This test must be conducted with all appliances under the hood at operating temperatures. Verification by visual observation of smoke or steam produced by actual or simulated cooking is required (smoke candles, smoke puffs, etc.)</p> <p>Was the capture and containment performance verified to meet code and design requirement?</p>		
<p>IMC 507.1.1 Operation: Type I hood systems shall be designed and installed to automatically activate the exhaust fan whenever cooking operations occur. The activation of the exhaust fan shall occur through an interlock with the cooking appliances, by means of heat sensors or by means of other approved methods.</p> <p>IFGC 505.1.1 Commercial cooking appliances vented by exhaust hoods: Where commercial cooking appliances are vented by means of the Type I or II kitchen exhaust hood system that serves such appliances, the exhaust system shall be fan powered and the appliances shall be interlocked with the exhaust hood system to prevent appliance operation when the exhaust hood system is not operating. <u>Where a solenoid valve is installed in the gas piping as part of an interlock system, gas piping shall not be installed to bypass such valve.</u> Dampers shall not be installed in the exhaust system.</p> <p><u>Exception:</u> An interlock between the cooking appliance(s) and the exhaust hood system shall not be required where heat sensors or other approved methods automatically activate the exhaust hood system when cooking operations occur. A temp sensor may be used to interlock the appliance and the exhaust fan per IMC 507.1.1. Using the gas solenoid valve shall not cause the shut off of pilots when fans shut down.</p> <p>Does the system meet IMC 507.1.1 and IFGC 505.1.1?</p>		

Test Date: _____ **Test Conducted By:** _____

Project Mechanical Contractor: _____

License #: _____ **Contractor's Signature:** _____