



Required Occupancy Documentation and Inspections Part 3 Buildings

Architectural

1. Submit a final general review report signed and sealed by the architect.
2. The installation of the fire shutter must be in conformance with NFPA80 "Standard for Fire Doors and Other Opening Devices". Submit the report from the required "drop test" to confirm proper operation to the standard.

Structural

3. Submit a final general review report signed and sealed by the structural engineer.

Mechanical

4. Submit a final general review report signed and sealed by the mechanical engineer (HVAC, Plumbing, Sprinkler, Standpipe, Site Services and Sewage Systems)
5. The construction of the fire protection systems must be inspected and tested in conformance with NFPA 25 "Standard for the Inspection Testing and Maintenance of Water-Based Fire Protection Systems".
 - (a) Submit the contractor's material and test certificate for aboveground piping for the installation of the automatic sprinkler system and/or standpipe and hose system.
 - (b) Submit the contractor's material and test certificate for underground piping for the installation of fire service mains and hydrants.
 - (c) Submit confirmation that the fire pump is operational tested and inspected.
6. The construction of the Kitchen Hood Fan system needs to be tested in conformance with NFPA96 "Ventilation Control and Fire Protection of



Commercial Cooking Operations”. Arrange for an inspection to witness the required “balloon test” to confirm proper operation to the standard.

7. The installation of smoke dampers must be in conformance with NFPA105 “Standard for Smoke Door Assemblies and Other Opening Protectives”. Provide confirmation that these smoke dampers have been installed in conformance to the standard.
8. The installation of the backflow prevention devices must be in conformance with CSA-B64.10 “Selection and Installation of Backflow Preventors”. Submit all testing certificates to confirm compliance with this standard.
9. The plumbing system requires a final test as required in Div B, 7.3.6.1.(2). Arrange for an inspection to witness this test as required.

Electrical

10. Submit a final general review report from the electrical engineer.
11. Submit a Final Inspection Certificate from the Electrical Safety Authority.
12. Installation of the emergency lighting needs to be in conformance with Div B, 3.2.7. of the Ontario Building Code. Call for an inspection to witness the operation of the Emergency Lighting System.
13. The fire alarm system shall be in compliance with CAN/ULC-S524-M "Standard for the installation of fire alarm systems." and CAN/ULC-S537-M, "Standard for the verification of fire alarm system installations". Complete the required testing and submit Appendix C - Fire Alarm System Verification Report. The report must include audibility tests for the fire alarm signaling devices, confirming sound levels meet the required provisions of the Ontario Building Code.
14. The fire alarm system requires notification to the fire department by way of signals to a central station in conformance with CAN/ULC-S561 “Installation and Services for Fire Signal Receiving Centres and Systems”. Submit a ULC fire protective signaling service certificate to confirm compliance to this standard.
15. The life safety and fire protection systems that are integrated with each other need to be tested to ensure they act as a whole in accordance with CAN/ULC-



Renfrew

S1001 “Integrated Systems Testing of Fire Protection and Life Safety Systems”.
Submit the “Integrated Testing Report” as described in the standard to confirm compliance.

Should you require further information, please do not hesitate to contact me at 613-432-4848, or via email twebster@renfrew.ca.

Sincerely,

Tom Webster
Chief Building Official
Department of Development, Environment and Infrastructure