

RE: Building Code Change – Integration Coordinator and report requirements for Fire Protection and Life Safety Systems.

As of January 1, 2020, the 2012 Ontario Building Code (OBC) introduced the following amendments as they are related to the integration testing for fire and life safety systems. These new requirements are found in Building Code Articles; Div. B, 3.2.10.1. and Div. B, 9.10.18.10. OBC.

Both these Articles refer to a new standard, CAN/ULC-S1001-11-REV1, “*Integrated Systems Testing of Fire Protection and Life Safety Systems*”. The purpose of the CAN/ULC-S1001-11-Rev1 standard is “for verifying and documenting that all interconnections between systems provided for fire protection and life safety functions are installed and operating in conformance with their design criteria.” The requirement for this standard shall apply when a combination of two or more fire protection and life safety systems, which may or may not be physically connected with one another but are designed to operate together to achieve an overall fire protection and life safety objective, are installed.

In order to enforce Articles 3.2.10.1. and 9.10.18.10. OBC, for permit applications where two or more fire protection and life safety systems will be installed, the Building and By-law department shall require the following to be provided with permit applications received after January 1st, 2020:

Required for building permit submissions:

1. The name of the INTEGRATED TESTING COORDINATOR. The Integrated Testing Coordinator is the person, firm, corporation, or organization responsible for the development and implementation of the integrated testing plan. Where a firm, corporation, or organization is responsible for integrated fire protection and life safety systems testing, a representative of that firm, corporation, or organization shall be designated as the integrated testing coordinator. Qualifications required for this position is a professional engineer licensed in the Province of Ontario.
2. INTEGRATED TESTING PLAN – A written project specific document, prepared by the integrated testing coordinator, outlining the required tests and necessary functional results to conduct integrated fire protection and life safety systems testing. (See CAN/ULC S1001-11, Appendix C)

To close permits or issue occupancy permits, submit the following:

3. INTEGRATED TESTING REPORT – A written project specific document, prepared by the integrated testing coordinator, documenting the implementation of the integrated testing plan.
4. The Integrated Testing Report will have to have a final statement indicating that the fire protection and life safety systems have been installed and tested as per CAN/ULC-S1001-11 standard and they meet the objective of Article 3.2.10.1. or 9.10.18.1. OBC.

[For any questions, please forward them to john.kewell@burlington.ca](mailto:john.kewell@burlington.ca)