



SOUND TRANSMISSION DESIGN DECLARATION

THIS FORM IS TO BE COMPLETED BY THE PERSON TAKING RESPONSIBILITY FOR THE SOUND TRANSMISSION DESIGN OF THE PROPOSED BUILDING

Project Address:

For use by Principal Authority

Building / Block No. (if applicable):

Permit #:

Buildings containing more than one dwelling unit require the dwelling units to be constructed to control airborne noise. Select the sound transmission design strategy below that is proposed to be used for the subject building.

Minimum STC rating of 50 demonstrated through,

- the construction of separating assemblies conforming to Table 1 or 2 of MMAH Supplementary Standard SB-3 and adjoining (flanking) construction conforming to 9.11.1.4., and / or
- the construction of separating assemblies tested in accordance with ASTM E90 and adjoining (flanking) construction conforming to 9.11.1.4.

Provide detailed wall and floor schedule with the permit submission. Each assembly shall specify the STC and the testing source (i.e. the SB-3 assembly number (i.e. F13c), or if using assemblies tested to ASTM E90, reference and provide the applicable test literature).

WHERE THIS METHOD OF COMPLIANCE IS SELECTED, YOU CONFIRM THAT YOU ARE AWARE AND KNOWLEDGEABLE OF FLANKING ASSEMBLIES AND DETAILS AS DESCRIBED IN THE OBC, AND THAT THE PROPOSED DESIGN AND CONSTRUCTION WILL BE IN GENERAL ACCORDANCE WITH THOSE REQUIREMENTS.

Minimum ASTC rating of 47 for separating assemblies and adjoining construction using the results from measurements carried out on site during construction in accordance with ASTM E336 as per OBC Div. B, 5.8.1.2.(2)(a).

Testing to be carried out on site and provide acoustic engineer stamped report confirming compliance with ASTC to the building inspector prior to occupancy inspection.

Minimum ASTC rating of 47 calculated in accordance with the detailed method described in OBC Div. B, 5.8.1.4. derived through NRC soundPATHS or equivalent sources.

Provide detailed wall and floor schedule with the permit submission. Each assembly shall specify the STC, the STC source (i.e. soundPATHS) and include a copy of each with the permit submission.

Minimum ASTC rating of 47 calculated in accordance with the detailed method or the simplified method described in OBC Div. B, 5.8.1.4. / 5.8.1.5.

Provide acoustic engineer stamped report with the permit submission.

Declaration of Designer:

I _____ declare that:

(Print Name)

1. The information contained in this form and related documentation is true to the best of my knowledge.
2. I have reviewed and take responsibility for the design work relating to sound transmission for the referenced building.
3. The information provided and sound transmission design meets the Ontario Building Code.

Date

BCIN (if applicable)

Signature of Design Professional