

Drop-in Anchors

The purpose of this bulletin is to clarify the requirements of using drop-in anchors for anchorage or seismic restraint.

"This information is provided for convenience only and is not in substitution of applicable City Bylaws or Provincial or Federal Codes or laws. You must satisfy yourself that any existing or proposed construction or other works complies with such Bylaws, Codes or other laws."

Effective immediately, power-actuated fasteners and drop-in anchors, (such as the one shown below), should not be used for the purpose of providing anchorage or seismic restraint. This will apply to ALL permits that are issued on or after 2014 October 09.

Clause 4.1.8.18.(8)(d) of the BC Building Code prohibits the use of power-actuated fasteners and drop-in anchors for tension loads.

The BC Building Code Interpretation Committee has provided an interpretation [12-0020](#) stating that power-actuated fasteners and drop-in anchors cannot be used if they are subject to cyclic tensile loading imposed by seismic response.

Registered Professionals (of all disciplines) who sign the Schedules B and C for structural capacity, including anchorage and seismic restraint and contractors, must ensure that proper fasteners and anchors are being used and that they comply with Part 4 of the BC Building Code.

If you have any questions, please contact the Building Department at 604-294-7130.

