


BC BUILDING CODE INTERPRETATION COMMITTEE

A joint committee with members representing
AIBC, EGBC, BOABC

File No: 18-0279

INTERPRETATION

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Interpretation Date:	October 17, 2023
Building Code Edition:	BC Building Code 2018, Book II: Plumbing Systems (BCPC) and BC Building Code Book I: General
Subject:	Use of 90° Elbow to Join Two Soil-or-Waste Pipes
Keywords:	90° Elbow, Soil-or-Waste Pipe
Building Code Reference(s):	2.2.4.3.(1), 2.2.4.3.(2) of BCPC
Question:	<ol style="list-style-type: none">1. Can a 90° elbow which is 1.5" in size, whose centre-line radius is equal to or greater than 1.5", be used to join two soil-or-waste pipes in the fixture outlet pipe serving a kitchen sink?2. Can a 90° elbow which is 1.5" in size, whose centre-line radius is less than 1.5", be used to join two soil-or-waste pipes in the fixture outlet pipe serving a kitchen sink?
Interpretation:	<ol style="list-style-type: none">1. Yes. Sentence 2.2.4.3.(1) permits 90° elbows that are 4" size or less that have a centre-line radius which is equal to or greater than the size of the pipe to join two soil-or-waste pipes anywhere in a drainage system. These are sometimes referred to as long sweep elbows.2. No. Sentence 2.2.4.3.(2) limits the use of 90° elbows that are 4" size or less that have a centre-line radius which is less than the size of the pipe to those specific locations described in this Sentence. These are sometimes referred to as short sweep or vent elbows. <p>This Interpretation is consistent with Interpretation 06-0017.</p> <p> _____ Patrick Shek, P.Eng., CP, FEC, Committee Chair</p>

The views expressed are the consensus of the joint committee with members representing AIBC, EGBC and BOABC, which form the BC Building Code Interpretation Committee. The Building and Safety Standards Branch, Province of BC and the City of Vancouver participate in the committee's proceedings with respect to interpretations of the BC Building Code. The purpose of the committee is to encourage uniform province wide interpretation of the BC Building Code. These views should not be considered as the official interpretation of legislated requirements based on the BC Building Code, as final responsibility for an interpretation rests with the local *Authority Having Jurisdiction*. The views of the joint committee should not be construed as legal advice.