


BC BUILDING CODE INTERPRETATION COMMITTEE

A joint committee with members representing
AIBC, EGBC, BOABC

File No: 24-0107

INTERPRETATION

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Interpretation Date:	September 16, 2025
Building Code Edition:	BC Building Code 2024, Book II: Plumbing Systems (BCPC) and BC Building Code Book I: General
Subject:	Emergency Roof Overflows
Keywords:	Roof Drains, Emergency Roof Overflows, Scuppers
Building Code Reference(s):	BCPC 2.4.10.4.(2), 2.4.10.4.(4), BCBC 4.1.6.4.(4)
Question: 1. Does Clause 2.4.10.4.(2)(c) apply to both flow control and conventional roof drains? 2. Do Clauses 2.4.10.4.(2)(d) & (e) apply only to flow control roof drains?	
Interpretation: 1. Yes. Sentence 2.4.10.4.(2) states that when flow control drains are installed, scuppers conforming to Clause 2.4.10.4.(2)(c) are required. Sentence 2.4.10.4.(4) states that where the height of the parapet is more than 150 mm or exceeds the height of the adjacent wall flashing, scuppers conforming to Clause 2.4.10.4.(2)(c) are required and there shall be a minimum of 2 roof drains. Hence, Clause 2.4.10.4.(2)(c) including Subclauses (i) and (ii) apply to all required scuppers with either flow control or conventional roof drains. 2. Yes. For flow control roof drains, they shall be installed in conformance with the entire Sentence 2.4.10.4.(2) including Clauses (a) to (e). Clauses (d) and (e) regulate the location of the flow control roof drains, not the scuppers. They also do not apply to conventional roof drains. For conventional roof drains, Sentence 2.4.10.4.(4) only references Clause 2.4.10.4.(2)(c) for the design of scuppers. Further explanation can be found in Interpretation 18-0221. Refer to Part 4, Sentence 4.1.6.4.(4) for the requirements regarding the structural design of the roof provided with scuppers.  <hr/> Patrick Shek, P.Eng., CP, FEC, Committee Chair	

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