



**Building Regulation Bylaw No. 7230,  
Amendment Bylaw No. 10365  
(Energy Step Code requirements)**

The Council of the City of Richmond, in open meeting assembled, enacts as follows:

1. *Building Regulation Bylaw No. 7230*, as amended, is further amended by replacing the table in Section 10.1.1 with the following table:

<i>Buildings subject to Part 9 of the Building Code</i>			
Building Type	Building permit application filed on or after September 1, 2018	Building permit application filed on or after December 15, 2020	Building permit application filed on or after July 1, 2022
<b>Townhomes and apartments</b>	Step 3	Step 3 OR Step 2 for <b>buildings</b> that implement a <b>low carbon building energy system</b> .	Step 5 OR Step 4 for <b>buildings</b> that comply with the <b>building envelope performance requirement</b> using <b>absolute metrics</b>  OR Step 3 for buildings that comply with the <b>building envelope performance requirement</b> using <b>absolute metrics</b> , and that implement a <b>low carbon building energy system</b> .
<b>Single family, duplex and other dwelling units</b>	Step 1		

<i>Buildings subject to Part 3 of the Building Code</i>			
Building Type	Building permit application filed on or after September 1, 2018	Building permit application filed on or after December 15, 2020	Building permit application filed on or after July 1, 2022
<b>Hotels and Motels</b>	n.a.	Step 3 OR Step 2 for <b>buildings</b> that implement a <b>low carbon building energy system.</b>	Step 3 OR Step 2 for <b>buildings</b> that implement a <b>low carbon building energy system.</b>
<b>Other Group C Residential occupancies</b> greater than 6 stories or <b>non-combustible construction</b> (not including hotel and motel occupancies)	Step 3 OR Step 2 for <b>buildings</b> that implement a <b>low carbon building energy system.</b>		Step 3 OR Step 2 for <b>buildings</b> that implement a <b>low carbon building energy system.</b>
<b>Other Group C Residential occupancies</b> 6 stories or less and <b>combustible construction</b> (not including hotel and motel occupancies)	Step 3		Step 4 OR Step 3 for <b>buildings</b> that implement a <b>low carbon building energy system.</b>
<b>Group D Business and personal services occupancies</b> or <b>Group E mercantile occupancies</b>	Step 2		Step 3 OR Step 2 for <b>buildings</b> that implement a <b>low carbon building energy system.</b>

2. *Building Regulation Bylaw No. 7230*, as amended, is further amended at Section 16.1 by adding the following definitions in alphabetical order:

**ABSOLUTE METRICS**

means:

- a) the thermal energy demand intensity listed under the "Performance Requirement of Building Envelope" column of Table 9.36.6.3.A in the British Columbia Building Code, or
- b) the thermal energy demand intensity requirement calculated using the formula in Sentence 4 of Section 9.36.6.3 in the British Columbia Building Code.

**BUILDING ENERGY USE**

means the total modelled annual energy requirements of an occupied building, including space heating, cooling, hot water heating, ventilation, appliances and electrical plug loads.

**BUILDING ENVELOPE  
PERFORMANCE REQUIREMENT**

means the requirements listed under the "Performance Requirement of Building Envelope" column of Table 9.36.6.3.A in the British Columbia Building Code.

3. *Building Regulation Bylaw No. 7230*, as amended, is further amended at Section 16.1 by removing the definition of "Low Carbon Building Energy System" and replacing it with: