



**Building Regulation Bylaw No. 7230,  
Amendment Bylaw No. 10467  
(2023 Step Code Requirements for New Buildings)**

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 deleting Section 10.1.1 and replacing it with the following:

“10.1.1 Part 3 and Part 9 **buildings** and **structures** must be designed and **constructed** in compliance with the applicable step of the **energy step code** and the applicable GHG emission level of the **zero carbon step code** as set out in the schedule below:

<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	Building permit application filed on or after October 31, 2023
Townhomes and apartments	Step 3	Step 3 OR Step 2	Step 5 OR Step 4 (using <b>absolute metrics</b> for the <b>building envelope performance requirement</b> )	Step 5 and EL-2 OR Step 4 (using <b>absolute metrics</b> for the <b>building envelope performance requirement</b> ) and EL-3
Single family, duplex and other dwelling units	Step 1	and a <b>low carbon building energy system</b>	OR Step 3 (using <b>absolute metrics</b> for the <b>building envelope performance requirement</b> ) and EL-3	OR Step 3 (using <b>absolute metrics</b> for the <b>building envelope performance requirement</b> ) and EL-4

<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	Building permit application filed on or after October 31, 2023
<b>Hotels and Motels</b>	n.a.	Step 3 OR Step 2 and a <b>low carbon building energy system</b>	Step 3 OR Step 2 and a <b>low carbon building energy system</b>	Step 4 and EL-1 OR Step 3 and EL-2 OR Step 2 and EL-3
<b>Other Group C Residential occupancies greater than 6 stories or non-combustible construction</b> (not including hotel and motel occupancies)	Step 3 OR Step 2 and a <b>low carbon building energy system</b>		Step 3 OR Step 2 and a <b>low carbon building energy system</b>	Step 3 and EL-1 OR Step 2 and EL-2
<b>Other Group C Residential occupancies 6 stories or less and combustible construction</b> (not including hotel and motel occupancies)	Step 3		Step 4 OR Step 3 and a <b>low carbon building energy system</b>	Step 4 and EL-1 OR Step 3 and EL-2
<b>Group D Business and personal services occupancies or Group E mercantile occupancies</b>	Step 2		Step 3 OR Step 2 and a <b>low carbon building energy system</b>	Step 3 and EL-1 OR Step 2 and EL-2

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

**“EL-1** means the requirements of GHG emission level EL-1, as set out in the **Zero Carbon Step Code**.

**EL-2** means the requirements of GHG emission level EL-2, as set out in the **Zero Carbon Step Code**.

**EL-3** means the requirements of GHG emission level EL-3, as set out in the **Zero Carbon Step Code**.

**EL-4** means the requirements of GHG emission level EL-4, as set out in the **Zero Carbon Step Code**.

**ZERO CARBON STEP CODE** means the requirements set out in Sections 9.37 and 10.3 of the **building code** and includes GHG emission level EL-1, EL-2, EL-3 and EL-4.”

3. *Building Regulation Bylaw No. 7230*, as amended, is further amended at Section 16.1 by deleting b) of the definition of “Low Carbon Building Energy System” and replacing it with the following:

“b) for **buildings** subject to Part 9 of the **building code**, modelled annual GHG emissions from **building** energy use of:

- i) no more than 1200 kg CO<sub>2</sub>e per dwelling unit per year; or
- ii) no more than 6 kg CO<sub>2</sub>e per square meter of conditioned floor space per year;”

- 4. This Bylaw may be cited as “**Building Regulation Bylaw No. 7230, Amendment Bylaw No. 10467**”.

FIRST READING

SECOND READING

THIRD READING

ADOPTED

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MAYOR

SEP 25 2023

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CORPORATE OFFICER

CITY OF RICHMOND
APPROVED by

APPROVED by Manager or Solicitor
BRB