

## BC2-5 LEVEL 2 EXAM 5 BCBC PART 9

### **SCOPE OF PRACTICE**

The Level 2 Building Official scope of practice includes inspection and plan check for all buildings of three storeys or less in building height, having a building area not exceeding 600 m<sup>2</sup> and used for major occupancies classified as Group C, D, E, and F; Divisions 2 and 3 within the scope of BCBC Part 9. This exam generally includes code provisions for which the Level 2 Building Official only has to go to Part 9 for, with awareness that some of these provisions may also point to or refer to Part 3.

### **EXAM CONTENT OUTLINE**

The exam is based on the job tasks performed by the Level 2 Building Official. The exam outline is derived from an analysis of the job tasks and is grouped into content areas. The Content Outline shows the number of questions included on the exam for each content area and job task. Questions are referenced to the 2018 BCBC.

<b>BC2-5 LEVEL 2 EXAM 5</b> 3 hours, 60 Items, Open book		# of Items in Each Task Area, 60 Total
<b>01</b>	<b>Design of Areas and Spaces, Glass, Doors, Windows, and Skylights (Content Area)</b>	<b>4</b>
0101	<u>Room Height and Doorway Size</u> (Task) Verify that rooms, including living rooms, kitchens, bedrooms, bathrooms, water-closet rooms, and hallways comply with minimum dimensions, area, and ceiling height. Verify conformance with code requirements for door location, size, type and installation	3
0102	<u>Glass</u> (Task) Verify compliance with code requirements for materials, structural sufficiency, and protection of glass.	1
<b>02</b>	<b>Means of Egress and Stairs, Ramps, Handrails, and Guards (Content Area)</b>	<b>17</b>
0201	<u>Stairs, Ramps, and Landings</u> (Task) Verify that private and public stairs have the required rise, run, and tread; ramps have required slope, and that landings are configured and dimensioned as required. Verify the required width and headroom dimensions for stairs, ramps, and landings.	5
0202	<u>Handrails and Guards</u> (Task) Verify that private and public handrails and guards are provided and have the proper dimensions and are installed as required by code.	4
0203	<u>Means of Egress</u> (Task) Verify that access to exit and exit paths, including doors have correct clear height and width and are fitted with proper hardware. Verify code requirements for egress from living areas, decks, and roof decks. Verify access to exits and exits have proper signage and lighting. Verify fire protection of means of egress. Verify obstructions are within permitted restrictions.	8
<b>03</b>	<b>Fire Protection (Content Area)</b>	<b>27</b>
0301	<u>Occupancy Classification and Occupancy Load</u> (Task) Verify occupancy classification and compliance with code requirements.	2
0302	<u>Ratings</u> (Task) Verify how fire-resistance, fire-protection, and flame-spread ratings for assemblies are derived. Verify fire exposure expectations for fire separations and assemblies with required fire-resistance ratings. Verify wall fire-resistance rating on each side.	3
0303	<u>Building Size Determination / Mezzanines</u> Verify that building size and mezzanines comply with code provisions.	2
0304	<u>Fire-Rated Assemblies</u> (Task) Verify penetrations permitted in wall and ceiling assemblies and fire separations between rooms and spaces within the building. Verify fire protection of openings.	4
0305	<u>Fire Block and Flame Spread</u> (Task) Verify proper fire block, and flame spread limits of materials.	2
0306	<u>Spatial Separations Between Buildings</u> (Task) Verify that the spatial separation between buildings meets code requirements.	4
0307	<u>Alarm and Detection Systems, Smoke Alarms, and Firefighting</u> (Task) Verify that alarm and detection systems and smoke alarms comply with code. Verify provisions for firefighting.	3

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0308	<u>Prevention of Fire Spread at Exterior Walls and Between Storeys (Task) Verify requirements for protection of soffits, exterior walls meeting at an angle.</u>	1
0309	<u>Doors and Dampers and Closures in Fire-separations (Task) Verify correct fire-protection ratings, size, type, hardware, and location of doors, dampers, and closures.</u>	2
0310	<u>Interconnected Floor Spaces Verify code compliance for interconnected floor spaces.</u>	2
0311	<u>Fire Walls Verify that fire walls meet code requirements</u>	2
04	<u>Masonry and Insulating Concrete Form Walls (Content Area)</u>	3
0401	<u>Above-Grade Masonry and Insulating Concrete Form Walls (Task) Verify that masonry units are of required dimensions and minimum thickness and that alignment of finished work, joint construction, mortar quality, bonding and tying, reinforcement, and lateral support, chases and recesses, and installation of cleanouts meet code requirements. Verify insulating concrete form walls are installed in accordance with code requirements.</u>	3
05	<u>Interior Finish (Content Area)</u>	3
0501	<u>Wall and Ceiling (Task) Verify that application and attachment of interior wall and ceiling finishes, meets code requirements.</u>	2
0502	<u>Flooring (Task) Verify that application and installations of flooring materials meet code requirements.</u>	1
06	<u>Exterior Finish</u>	3
0601	<u>Roofing (Task) Verify the proper use of roofing materials appropriate to the type of roof, eave protection, roof underlay, and the proper application of cedar and shake shingles. Verify that build-up roofs comply with code requirements.</u>	2
0602	<u>Exterior Wall (Task) Verify that the exterior cladding, application and attachment meet code requirements. Verify that exterior walls are designed according to code requirements. Verify that wall and roof flashings comply with code requirements.</u>	1
07	<u>Electrical Services (Content Area)</u>	1
0701	<u>Electrical and Lighting (Task) Verify that electrical installations and lighting levels are installed according to code provisions and that lighting outlets are provided as required.</u>	1
08	<u>Steel Framing (Content Area)</u>	2
0801	<u>Steel Framing Verify that wall and ceiling framing using steel framing members complies with code requirements.</u>	2