

# **BCIT**

## **TECHNICAL STANDARDS**

### **Mechanical & Electrical Updates**

**NOVEMBER, 2016**

**SECTION 00 01 10  
TABLE OF CONTENTS**

<b>DIVISION 0</b>	<b>PROCUREMENT REQUIREMENTS</b>
00 01 10	Table of Contents
<b>DIVISION 1</b>	<b>GENERAL REQUIREMENTS</b>
01 33 29	Sustainable Design Reporting
01 78 39	Project Record Documents
<b>DIVISION 3</b>	<b>CONCRETE</b>
03 30 00	Cast-in-Place Concrete
03 35 43	Polished Concrete Finishing (Interior floor finishing)
<b>DIVISION 5</b>	<b>METALS</b>
05 41 00	Structural Metal Stud Framing
05 50 00	Metal Fabrications (Handrails)
<b>DIVISION 6</b>	<b>WOOD AND PLASTICS (INTERIOR FINISHES)</b>
06 20 00	Finish Carpentry
06 40 00	Architectural Woodwork
<b>DIVISION 7</b>	<b>THERMAL AND MOISTURE PROTECTION (BUILDING ENVELOPE)</b>
07 14 16	Cold Fluid-Applied Waterproofing
07 16 16	Crystalline Waterproofing
07 21 00	Building Insulation
07 25 00	Weather Barriers
07 52 16	SBS Membrane Roofing
07 62 00	Sheet Metal Flashing and Trim
07 84 00	Firestopping and Smoke Seals
07 92 00	Joint Sealing
<b>DIVISION 8</b>	<b>OPENINGS</b>
08 71 00	Door Hardware
08 71 13	Automatic Door Operators
08 81 00	Glass Glazing
<b>DIVISION 9</b>	<b>FINISHES (INTERIOR FINISHES)</b>
09 06 90	Colour Schedules and Colour Finishes
09 21 16	Gypsum Board Assemblies
09 22 16	Non-Structural Metal Framing
09 30 00	Tiling
09 51 00	Acoustical Ceilings
09 65 00	Resilient Flooring
09 68 00	Sheet Carpeting
09 68 13	Tile Carpeting
09 91 00	Painting and Coating - Exterior
09 92 00	Painting and Coating - Interior
<b>DIVISION 10</b>	<b>SPECIALTIES</b>
10 14 00	Signage

**DIVISION 14 CONVEYING EQUIPMENT**

- 14 21 00 Electric Traction Elevators
- 14 24 00 Hydraulic Elevators

**DIVISION 21 FIRE**

- 21 05 53 Identification for Fire-Suppression Piping and Equipment (Labeling)

**DIVISION 22 PLUMBING**

- 22 05 00 Common Work Results for Plumbing
- 22 05 53 Identification for Plumbing Piping and Equipment (Labeling)
- 22 08 00 Commissioning of Plumbing Systems
- 22 10 00 Plumbing Piping
- 22 13 00 Facility Sanitary Sewerage
- 22 14 00 Facility Storm Drainage
- 22 34 00 Fuel-Fired Domestic Water Heaters
- 22 40 00 Plumbing Fixtures

**DIVISION 23 HEATING, VENTILATING, AND AIR CONDITIONING**

- 23 05 00 Common Work Results for HVAC
- 23 05 93 Testing, Adjusting and Balancing for HVAC
- 23 08 00 Commissioning of HVAC
- 23 09 00 Instrumentation and Control Devices for HVAC
- 23 31 00 HVAC Ductwork and Casings
- 23 33 00 Air Duct Accessories
- 23 74 13 Packaged Outdoor, Central-Station Air-Handling Units
- 23 81 00 Decentralized Unitary HVAC Equipment

**DIVISION 25 INTEGRATED AUTOMATION**

- 25 00 00 Integrated Automation
- 25 05 00 Common Work Results for Integrated Automation
- 25 08 00 Commissioning of Integrated Automation

**DIVISION 26 ELECTRICAL**

- 26 05 00 Common Work Results for Electrical Equipment
- 26 05 21 Wires and Cables
- 26 05 53 Identification for Electrical Systems (Labeling)
- 26 09 43 Network Lighting Controls
- 26 24 13 Switchboards
- 26 24 16.01 Panel Boards Breaker Type
- 26 27 00 Power Distribution
- 26 27 26 Wiring Devices
- 26 28 16.02 Moulded Case Circuit Breakers
- 26 30 00 Facility Electrical Power Generating & Storing Equipment
- 26 51 00 Lighting Interior
  - 26 51 01 Appendix A Luminaires Interior
  - 26 52 01 Appendix B Luminaires Emergency Lighting
  - 26 53 01 Appendix C Luminaires Exit Signs
- 26 56 00 Lighting Exterior
  - 26 56 01 Appendix D Luminaires Exterior
- 26 27 00 Power Distribution Units
- 26 30 00 Facility Electrical Power Generating & Storing Equipment

**DIVISION 28 ELECTRONIC SAFETY AND SECURITY**

- 28 31 00 Fire Alarm Systems

**DIVISION 32 EXTERIOR IMPROVEMENTS**

31 13 13	Concrete Paving
32 14 00	Unit Paving
32 15 00	Aggregate Surfacing
32 31 16	Welded-Wire Fences and Gates
32 84 00	Planting Irrigation
32 91 13	Soil Preparation
32 92 19	Seeding
32 93 00	Plants and Planting
32 94 00	Planting Accessories

**APPENDIX**

Janitor Room Requirements

**END OF TABLE OF CONTENTS**