

## Industrial, Commercial, Institutional, and Large Residential Design Checklist

**Mandatory Levels of Compliance:**

- ASHRAE 90.1 “Energy Standard for Buildings Except Low-Rise (Submit completed checklist, Residential” and OBC Supplementary Standard SB-10 available at front counter)
- CCBFC “Model National Energy Code for Buildings” and OBC Supplementary Standard SB-10

OR

**Choose a Level of LEED Canada–NC Certification:**

- Certified..... 26 points     Silver..... 33 points     Gold..... 39 points
- Platinum..... 52 points     Provide proof of registration (invoice or receipt from CaGBC)

Completion of this checklist is not mandatory, and will be used for informational purposes only.

| <b>Summary of Available LEED Canada – NC Points</b> |                        |   |                      |
|---|------------------------|---|----------------------|
| Category  | Credit No.             |   | Available Points =70 |
| <b>Sustainable Sites</b>                            | Prerequisite 1         | Erosion and Sedimentation Control                       | Required             |
|   | 1                      | Site Selection  | 1                    |
|   | 2                      | Development Density                                     | 1                    |
|   | 3                      | Redevelopment of Contaminated Sites                     | 1                    |
|   | 4                      | Alternative Transportation                              | 4                    |
|   | 5                      | Reduced Site Disturbance                                | 2                    |
|   | 6                      | Storm water Management                                  | 2                    |
|   | 7                      | Heat Island Effect                                      | 2                    |
| <b>Water Efficiency</b>                             | 8                      | Light Pollution Reduction                               | 1                    |
|   | 1                      | Water Efficient Landscaping                             | 2                    |
|   | 2                      | Innovative Waste Water Systems                          | 1                    |
| <b>Energy &amp; Atmosphere</b>                      | 3                      | Water Use Reduction                                     | 2                    |
|   | Prerequisite 1         | Fundamental Building Systems Commissioning              | Required             |
|   | Prerequisite 2         | Minimum Energy Performance                              | Required             |
|   | Prerequisite 3         | CFC Reduction in HVAC Equipment & Elimination of Halons | Required             |
|   | 1                      | Optimize Energy Performance                             | 1 to10               |
|   | 2                      | Renewable Energy  | 3                    |
|   | 3                      | Best Practice Commissioning                             | 1                    |
|   | 4                      | Ozone Protection  | 1                    |
| <b>Materials &amp; Resources</b>                    | 5                      | Measurement and Verification                            | 1                    |
|   | 6                      | Green Power   | 1                    |
|   | Prerequisite 1         | Storage and Collection of Recyclables                   | Required             |
|   | 1                      | Building Reuse  | 3                    |
|   | 2                      | Construction Waste Management                           | 2                    |
|   | 3                      | Resource Reuse  | 2                    |
|   | 4                      | Recycled Content  | 2                    |
|   | 5                      | Regional Materials                                      | 2                    |
| <b>Indoor Environmental Quality</b>                 | 6                      | Rapidly Renewable Materials                             | 1                    |
|   | 7                      | Certified Wood  | 1                    |
|   | 8                      | Durable Building  | 1                    |
|   | Prerequisite 1         | Minimum IAQ Performance                                 | Required             |
|   | Prerequisite 2         | Environmental Tobacco Smoke Control                     | Required             |
|   | 1                      | Carbon Dioxide Monitoring                               | 1                    |
|   | 2                      | Ventilation Effectiveness                               | 1                    |
|   | 3                      | Construction IAQ Management Plan                        | 2                    |
| <b>Innovation &amp; Design Process</b>              | 4                      | Low-Emitting Materials                                  | 4                    |
|   | 5                      | Indoor Chemical and Pollutant Source Control            | 1                    |
|   | 6                      | Controllability of Systems                              | 2                    |
|   | 7                      | Thermal Comfort   | 2                    |
|   | 8                      | Daylight and Views                                      | 2                    |
|   | 1                      | Innovation in Design                                    | 4                    |
|   | 2                      | LEED Accredited Professional                            | 1                    |
|   | <b>Total Credits =</b> |   |                      |