



LEED Tech Bulletin

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Streamlined Two-Stage Review Process now available

Projects can now take advantage of the Streamlined Two-Stage Certification Review Process Option for LEED Canada NC 1.0 and LEED Canada CS 1.0. This new submittal option provides a faster review process. Here is how it works:

- By providing more information as part of the initial submittal, the requirement for audits is removed, eliminating one round of review.
- The result is that certification is completed in two reviews, instead of three.
- The process is comparable to that already used by LEED Canada NC and CS 2009 projects.

“We have experience with the 2-stage certification process, which is already being applied with the 2009 rating systems, and we are eager to apply it on some of our older projects,” commented Rebecca Holt, Sustainable Building Advisor, and CaGBC Review Team Leader at Perkins+Will. “Documentation requirements are clearly detailed to facilitate complete, but streamlined submittals, eliminating the need for the formal audit process. This will greatly reduce the level of effort required to facilitate the certification process overall, improving certification time greatly.”

The exact requirements for the information that must be provided at submission are provided in a guidance document entitled *LEED Canada NC 1.0 Submittal Direction for the Streamlined Two-Stage Review Process*, available to CaGBC members [here](#). This Excel file includes full instructions on the process, provides an alternate declaration form, and notes the required submittals by category.

Project teams pursuing streamlined certification may use the current LEED Letter Templates, so those working on current projects should find adjusting to this new option simple and straightforward.

Please note that the streamlined two-stage review process is not available to LEED Canada NC or CS 1.0 projects that are not adopting the addendum to LEED Canada NC 1.0 Rating System (2007).

If you have any questions on this new certification option, please do not hesitate to contact us by [email](#), or toll-free phone at 866-941-1184. | [Back to top...](#)

Projects now able to take advantage of new Design and Construction Split Review option

LEED Canada NC and CS 2009 projects are now able to take advantage of the eagerly anticipated Design and Construction Split Review Option, which entails undergoing a two-stage review of the design-stage prerequisites and credits immediately following design. Upon completion of the project, a two-stage review of the construction-stage credits and prerequisites is undertaken.

Many LEED consultants know the difficulties that can arise in tracking down design team members and seeking their support during the normal certification process. By opting for this split review option, which allows design prerequisites and credits to be reviewed immediately following design, project teams are able to address issues while the design team is still actively working with the larger project team - thus greatly simplifying the certification process. Project teams also benefit from the ability to make adjustments as a result of the design-stage review, helping to ensure a positive outcome.

It should be noted that there are important issues to consider when contemplating a split review certification, such as the risk of design revisions during construction.

Project teams pursuing a split review certification may use the standard LEED Letter Templates, which were updated in July 2012 to accommodate split reviews, as well as to incorporate improvements and corrections. Instructions for the use of the LEED Letter Templates on projects using the split review option have been incorporated as well. A general overview of the new certification option can also be found in the updated [Certification Process](#) document.

If you have any questions on this new Split Review option for Design and Construction, please do not hesitate to contact us by [email](#), or toll-free phone at 866-941-1184. | [Back to top...](#)

Changes to LEED certification and registration fees

With over 57 million square meters of LEED projects, the Canadian green building market is rapidly expanding across Canada. To keep pace with market demand and support the expansion of the LEED program in Canada, the CaGBC is introducing a registration and certification fee adjustment.

Registration and certification fees contribute to advancing LEED in Canada, and allow for continued program investment. The new registration fees will take effect September 1, 2012, while the new certification fees will take effect October 1, 2012. To view a detailed price list, please click [here](#).

The CaGBC is a not-for-profit, non-governmental organization that leads the Canadian industry in advancing green building and sustainable community development practices through education/training, building certification, performance benchmarking and reporting, advocacy and information sharing. The CaGBC is able to provide these self-sustaining programs and services by recovering costs through service fees, and the immeasurable support of hundreds of volunteers within the green building community.

We thank you for your continued environmental commitment through the adoption of LEED Canada and other CaGBC programs and services, as we all work together to make every building greener.

If you have any questions, please do not hesitate to contact us by [email](#), or toll-free phone at 866-941-1184. | [Back to top...](#)

New Minimum Program Requirements help clarify project scope issues

In an effort to provide greater clarity for LEED projects, the CaGBC is pleased to announce that the [Minimum Program Requirements \(MPRs\) for LEED® Canada Rating Systems](#) are now available to all LEED Canada rating systems, with the exception of LEED Canada for Homes. Although this beneficial tool for determining project scope is a requirement only on projects registered on or after

Did you know?

Guidance is now available for applying both LEED Canada NC 2009 and the Toronto

September 1, 2012, all projects are welcome to use the guidance provided.

Green Standard on a project – see our [website](#)

“People continue to want to do the right thing when applying LEED but that is not always easy to determine when it comes to establishing the right scope,” says Alex Zimmerman, Co-Chair of the LEED Canada Steering Committee, and President and CEO at Applied Green Consulting. “A majority of our committee discussion time has focused on complicated scope issues from project teams. The MPRs address many of these common scope questions and we’re very happy to be able to provide so much clarity in this one document.”

Key highlights of the document include:

- Clarification on attached buildings – see MPR #2
- Clarification on LEED project site boundaries – see MPR #3
- Reduced occupancy allowance for LEED Canada EB:O&M – see MPR #5
 - In conjunction with this, the CaGBC has released [Reduced Occupancy Guidance for LEED Canada EB:O&M](#), June 2012
- New allowances for non-contiguous Commercial Interior projects and for where the space is not a complete interior space under one occupant company – see MPR #2
 - In conjunction with this, the CaGBC has released [Multiple Space Guidance for LEED Canada for Commercial Interiors v1.0](#), July 2012
- Clear guidance on parking garages – see MPR #2

Note that the new MPRs supersede those that were outlined in the Introduction to the *LEED Canada Reference Guide for Green Building Design and Construction 2009*.

The MPR document and associated material can be found on the applicable rating systems pages on [CaGBC's website](#). | [Back to top...](#)

Updated Portland Cement Reduction Calculator now available

The Canada Green Building Council has released a new version of the [Portland Cement Reduction Calculator](#) for use by *LEED Canada for New Construction and Major Renovations* and *LEED Canada for Core and Shell Development* projects that are pursuing MR credit 4: Recycled Content.

Working with the Ready Mixed Concrete Association of Ontario (RMCAO), the CaGBC has updated the calculated relationship between concrete compressive strength and cement contents. The previous calculator assumed a linear relationship, which resulted in compressive strengths of less than 30 MPa trending towards low base Portland cement content that cannot be achieved in practice. The Base Portland Cement calculation (column E in the calculator) has been revised for a more accurate representation following technical information found in the Cement Association of Canada's *Design and Control of Concrete Mixtures 8th Edition*.

As with the previous version, this calculator is to be completed by the supplier/contractor, using the actual mix proportions and raw material costs. Due to the confidential and proprietary nature of concrete mix designs, the concrete producer need not submit the calculator to anyone outside the company. Instead, a letter on company letterhead noting the resulting Recycled Content Value of the Cementitious Materials dollar value (Cell M38) should be provided to the LEED consultant for the certification submission material.

For more details, please see the instructions and notes listed in the calculator. The Ready Mixed Concrete Association of Ontario (RMCAO) has also published a Technical Bulletin on the proper use of the calculator. The bulletin includes a link to a sample letter for concrete suppliers/contractors, and can be downloaded from the [RMCAO website](#).

The CaGBC wishes to thank the Ready Mixed Concrete Association of Ontario for their collaborative efforts in this revision. | [Back to top...](#)

Update to Experienced Modellers List coming

The Canadian market has again showed its depth and interest in transforming the market, as reflected in the number of individuals who applied earlier in the year to be on the *CaGBC's Experienced Modellers List*. A

committee of subject matter experts has been formed to evaluate the applications, and the first round of evaluations is currently being finalized. The [CaGBC's Experienced Modellers List](#) will be periodically updated as successful applicants formally accept to be added to the *List*. | [Back to top...](#)

A great response to Regional Priority survey!

We asked LEED APs for their help determining the issues that are of greatest importance for urban and rural regions across Canada, both for new construction and for existing buildings. Our LEED APs came through, providing over 750 surveys! The results of the survey will be announced in the coming weeks following analysis and review by the LEED Canada Steering Committee. We will also be announcing the two lucky draw winners! | [Back to top...](#)

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