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Canada Green Building Council
Every Building Greener



LEED Technical Bulletin

April 2013

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In this issue:

- [New communications will keep owners better informed](#)
- [Did you know that EQp1 is one of the most frequently audited prerequisites?](#)
- [CaGBC Conference and Expo 2013](#)

Additional free webinar April 30:

How changes to ENERGY STAR Portfolio Manager will impact LEED projects

New communications will keep owners better informed

In early May, the CaGBC will be launching new functionality that will notify owners and secondary contacts of the milestones achieved as each project proceeds through the process of certification. The automated emails will also indicate the next milestone to be achieved. LEED consultants will be copied on the emails, and recipients will be encouraged to contact their consultant if they require further information.

The new communications are designed to help improve awareness, engagement and understanding of the LEED certification process. The automated notifications will not include review reports or other details as to the status of the projects.

While there can only be one main contact and one owner contact for each project, project teams can have an unlimited number of secondary contacts. To become a secondary contact for a project, an individual who is already listed as a member of the project in the online database need only mark themselves as a secondary contact. You can view the list of projects to which you are associated by going to the [LEED / My Projects](#) page.

Individuals already listed as members of a project are able to add additional team members, provided the new members have a CaGBC website profile. That is, their email address must be linked to an existing CaGBC website profile. Contact info@cagbc.org if you have any questions about creating a profile.

[Back to table of contents »](#)

Did you know that EQp1 is one of the most

frequently audited prerequisites?

For LEED Canada-NC/CS 1.0 and LEED Canada-CI 1.0 projects, EQp1 Minimum IAQ Performance is becoming one of the most frequently audited prerequisites. CaGBC reviewers note that many projects are submitting incorrectly applied ASHRAE 62.1 Ventilation Rate Procedure (VRP) calculations for mechanically ventilated systems and thus are selecting EQp1 for audit or requesting clarifications during the review process. EQp1 is a prerequisite and projects cannot achieve LEED Canada certification without demonstrating compliance to this key requirement.

Share the knowledge!

Your mechanical engineer may or may not receive the LEED Technical Bulletin – they could miss this important news about EQp1, or other valuable information. We encourage you to share the bulletin with your team, and have them subscribe.

As the intent of this prerequisite is to provide buildings with the required minimum amount of outdoor air for the comfort and well-being of the occupants, it is vital that system designers properly calculate the outdoor airflow requirements using ASHRAE 62.1 VRP at the design stage, to minimize any potential impact on LEED Canada certification later.

The most common errors appear to relate to the incorrect use of calculation variables such as zone air distribution effectiveness (E_z) and system ventilation efficiency (E_v), the misapplication of short-term conditions, and not using multiple-zone systems calculations when they are required.

ASHRAE publishes a 62.1 User's Manual, which should be reviewed in order to properly complete VRP calculations for multiple-zone systems. The manual is available for purchase through the ASHRAE [website](#) and comes with an ASHRAE 62.1 calculation spreadsheet.

The USGBC also publishes a calculation spreadsheet, called "USGBC LEED 62MZCalc". It is available at no cost from their [website](#). Both the USGBC and the ASHRAE 62.1 calculation spreadsheets are accepted for EQp1 compliance documentation under all LEED Canada programs. Project teams are reminded that the project must demonstrate compliance to the version of ASHRAE 62.1 applicable to the LEED Canada Rating System pursued, along with all applicable Addenda to that standard.

[Back to table of contents »](#)

CaGBC Conference and Expo 2013

GET *TECHNICAL* AT THE CAGBC NATIONAL CONFERENCE

HAVE QUESTIONS? GET ANSWERS!

CaGBC's LEED technical staff will be on hand at the CaGBC booth on the Expo Floor:

- Sustainable Communities – Chani Joseph
- Homes – Chris Higgins
- EB:O&M – Cloelle Vernon
- Design and Construction:
 - Energy and Engineering – Cloelle Vernon and Charling Li
 - Materials – Jenie Yao
 - Sites/Water/Scope – Colleen Loader

SPECIAL UPDATES – AVAILABLE ONLY AT THE CONFERENCE!

- LEED version 4 – discussions with USGBC and CaGBC staff
- LEED Canada Program update with focus on EB:O&M re-certification and multiple building guidance
- Q&A panel with Steering Committee and TAG chairs

June 4-6, 2013 – Vancouver, B.C.

[Click here to register now](#)

[Back to table of contents »](#)

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