

Technical Seminar on Indoor Air Quality (IAQ) Procedure in ASHRAE 62.1 and its Application

12 May 2015 (Tuesday)

Session 1

Moving Closer to Net Zero Buildings with the IAQ Procedure of ASHRAE Standard 62.1-2013

Being able to achieve IAQ goals while reducing energy consumption is one of the more valuable aspects of using ASHRAE Standard 62.1-2013: "Ventilation for Acceptable Indoor Air Quality". By meeting the requirements of the IAQ Procedure, one is allowed to take credit for the application of validated air cleaning technologies and reduce the amount of ventilation air that has to be heated and/or cooled.

Revisions to Standard 62.1 have caused some confusion in its use and the application of energy conservation measures. This presentation will discuss the current status of the Indoor Air Quality Procedure, review the applicable provisions of the Standard, discuss indoor air quality models in use, and provide examples where the IAQ Procedure has been successfully employed as part of an energy conservation program. There will also be a discussion of current activities to make it easier to validate the IAQ Procedure and make it more useful to the engineering community when designing "net zero" energy buildings.

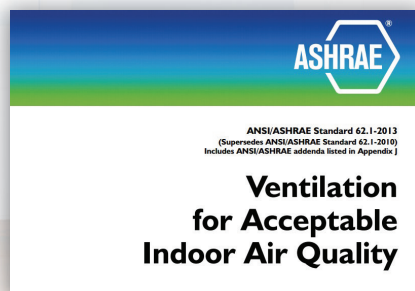


Image from Standard 62.1-2013 -- Ventilation for Acceptable Indoor Air Quality Guideline

Session 2

Practical Application of Energy Conservation with ASHRAE Standard 62.1

In times when energy conservation is at the forefront of many peoples' minds, the Indoor Air Quality (IAQ) Procedure described in ASHRAE Standard 62.1 is an alternative and often neglected method for complying with the ventilation requirements of the standard while at the same time offering a considerable opportunity for energy conservation. Practical applications of the IAQ Procedure will be presented to show that recirculation used along with enhanced air cleaning can effectively provide acceptable air quality, reduce outdoor air requirements, and reduce energy costs. Examples will be presented that illustrate capital, HVAC equipment, and system renovation savings as well as energy savings possible by employing the IAQ Procedure.



Speaker

Mr. Christopher O. Muller

Chris Muller is the Technical Director and Global Mission Critical Technology Manager at Purafil, Inc. (Doraville, Georgia USA) and is responsible for Purafil's data center business development program as well as for technical support services and various research and development functions.

He has written and spoken extensively on the subject of environmental air quality and the application and use of gas-phase air filtration, corrosion control and monitoring, electronic equipment reliability, and RoHS and counts over 120 articles and peer-reviewed papers, more than 100 seminars, and 7 handbooks to his credit.

He is one of only a handful of ASHRAE members named as a Distinguished Lecturer and is a frequent speaker at ASHRAE Chapter and Regional meetings.

He is a voting member of Standing Standard Project Committee 62.1 – Ventilation for Acceptable Indoor Air Quality, serves on the Education subcommittee, and is a co-author of the Standard 62.1 User's Manual.



Rundown

2:00pm	Registration
2:30pm	Session 1 Moving Closer to Net Zero Buildings with the IAQ Procedure of ASHRAE Standard 62.1-2013
3:45pm	Break
4:00pm	Session 2 Practical Application of Energy Conservation with ASHRAE Standard 62.1
5:15pm	Q&A
5:30pm	End of Programme

Application Deadline: 08 May 2015

[Click HERE for Registration](#)

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Fee:	HK\$600 (ASHRAE Members, BEAM Pro, BEAM Affiliate & BSL Members) HK\$750 (Members of Supporting Organisations) HK\$900 (Standard)
Venue:	Function Room, 1/F, HKPC Building, 78 Tat Chee Avenue, Kowloon, HK
Language:	English

Supporting Organisations:

