



TECHNICAL FORUM AND ROUNDTABLE DISCUSSION

Indoor Air Quality in Schools: VOC Removal Technologies

August 30, 2011—9 a.m. to 4 p.m.

South Coast AQMD Headquarters Auditorium

21865 Copley Drive

Diamond Bar, CA 91765

South Coast Air Quality Management District will be hosting a technology forum *Indoor Air Quality in Schools: VOC Removal Technologies* to bring together researchers and policymakers to discuss air filtration programs in schools, VOC removal technologies, exposure measurement and testing issues, and next steps for these programs. The panel will offer presentations, followed by a roundtable discussion and a public question and answer period in the afternoon.

SCAQMD conducted a pilot study and testing program for air filtration technologies focused on PM removal, achieving average removal efficiencies up to 90% for ultrafine PM and black carbon. Average removal efficiencies for VOCs were inconclusive in the pilot study. A testing program in mid 2010 looked at 15 different air filtration technologies for PM, including high-performance filters, register systems, and stand-alone units. The results of the testing program conducted by University of California Riverside Center for Environmental Research and Technology (UCR CE-CERT) indicated that one high-performance panel filter and one stand-alone unit met the minimum performance specifications and conformed to other requirements for school environments such as the 45 dBA noise level for classrooms. SCAQMD aims to expand the current classroom PM filtration programs and consider VOC removal as well.

The SCAQMD encourages anyone interested in this topic to attend this free forum. Copies of the agenda will be posted on the SCAQMD's Technology Forum/Roundtable website at: <http://www.aqmd.gov/tao/ConferencesWorkshops/techforum.htm>. The forum will be videotaped and available for viewing following the event, along with the PowerPoint presentations.

If you have any questions, please contact Patricia Kwon at (909) 396-3065 or pkwon@aqmd.gov.