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Laboratory Ventilation Management Seminar Located at Micro-Clean, Inc. April 27, 2010

Using ASHRAE 110 Tracer Gas Analysis Performance Evaluation and Balancing of Laboratory Chemical Hoods For Safety, Engineering, Facilities, and Users Groups

During the past few years, it has become increasingly clear that the practice of simply placing a Laboratory Chemical hood (formerly called a "Chemical Fume Hood") into a room and adjusting the face velocity to a magical number is no longer adequate. We are commonly called on to look at laboratory ventilation in a much more responsible manner. Recent litigation has made it dangerous not to take our responsibilities seriously. The cornerstone of these programs is a good understanding of relevant industry standards and guidelines including; ASHRAE 110-1995, ANSI/AIHA Z9.5-2003, and SEFA 1-2006.

Micro-Clean is presenting a class at our facility in Bethlehem, PA. We anticipate representatives of the Safety, Engineering, and Maintenance departments will benefit from this class. Ideally, we would get representatives of multiple sites and organizations that use this equipment to attend. Interaction with your peer groups would help you form strategies to deal with the new challenges. Our training facility is well suited for this purpose.

We will include both hands-on demonstration and lectures covering overall strategy and industry standards. Class will begin at 9:00 a.m. Lunch will be served. We will conclude by 4:00 p.m. The following will be covered:



I.	Introduction	9:00	am
II.	Lecture	9:20	am
	– Evolution of the Laboratory Chemical Hood		
	– Specific Terms and Definitions		
	– Airflow Measuring Devices		
	– ASHRAE 110 Overview and Test Procedures		
III.	Labs	11:00	am
IV.	Lunch	12:30	pm
V.	Lecture	1:00	pm
	– CV vs. VAV		
	– Making It Work – Real World Issues		
	– Anemometer vs. Velgrid		
	– Standards		
VI.	Labs	2:00	pm
VII.	Laboratory Ventilation Management Plan	3:00	pm
VIII.	Energy Savings Seminar	3:15	pm
VII.	Wrap-up / Adjourn	4:00	pm

Please call or email Amber Cherry at 800-523-9852 x224 or ambercherry@microcln.com to confirm your interest in this class. Our intent is to limit the class to the first 20 respondents to keep the day as interactive as possible.

Terms and Conditions: Cancellations received up to five business days before the seminar are refundable, minus a \$25 registration service charge. After that, cancellations are subject to the entire seminar fee. Please note that if you do not cancel and do not attend, you are still responsible for payment. Substitutions may be made at any time.



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