

FROM INVISIBLE CONTAMINATION TO VISIBLE COST:

The hidden reality of Particles, Gases, Microbial and Explosive Dust



Wednesday, 7 October 2026



8.30am - 5.00pm

(Registration & Light Refreshment starts at 8.30am)



UOW Malaysia, GF-LTR-06 Lecture Hall

SYNOPSIS

AAF Clean Air Solutions seminar is designed to provide participants with valuable insights into the growing importance of indoor air quality in modern environments. Led by industry professionals, the seminar highlights how AAF's advanced filtration technologies and global expertise support organisations create healthier, safer, and more sustainable spaces while improving operational efficiency, reducing maintenance costs, enhancing occupant well-being, and supporting long-term building performance.

KEY TAKEAWAYS

Gain a better understanding of indoor air quality and its impact on health, comfort, and productivity while learning how to identify common airborne contaminants and select effective filtration solutions. The session also explores energy-efficient HVAC and air filtration strategies to enhance operational performance, along with practical clean air applications for commercial, healthcare, industrial, and microelectronics environments.

TARGET INDUSTRY



Microelectronics



Healthcare



General Building



Pharmaceuticals



Food & Beverages



Refineries

ADMISSION

Complimentary limited to
100 SEATS ONLY

MBOT self claim
BEM applying
CIDB CCD10

**Terms and conditions applied*



Ref: CIDBSL/CIMS/2026/73064

AGENDA

TIME	AGENDA
8:30 - 9:00	Registration & Light Refreshment
9:00 - 9:20	Welcoming Speech - Ts. Dr. Goh Thing Thing, School of Engineering - Academic Department Head
9:20 - 9:40	Welcoming Speech - Ts. Lee Jian Aun, TAM Selangor Branch Chairman
9:40 - 10:00	Welcoming Speech - Mr. Tan Kiat Hong, General Manager AAFM
10:00 - 11:00	Understanding Airborne Molecular Contamination (AMC): Mechanisms, Gas Phase Filtration & Applications in Critical Environments - Mr. Desmond Ng Cher Rong
11:00 - 11:30	Tea Break
11:30 - 12:30	Understanding Airborne Molecular Contamination (AMC): Mechanisms, Gas Phase Filtration & Applications in Critical Environments - Dr. Magdeline Lai,
12:30 - 13:30	Group Photo & Lunch Session
13:30 - 14:15	Booth Visit
14:15 - 15:15	From Assessment to Assurance: Gas Phase Filtration Testing, Monitoring & Validation Services - Mr. Joel Yee Fek Zie
15:15 - 15:30	Noon Tea Break
15:30 - 16:30	Combustible Dust & Explosion Risk: Understanding Industrial Dust Filtration - Mr. Chong Hon Lim
16:30 - 17:00	Quiz & Prize ceremony and End of seminar

**TOTAL
CLEAN AIR
SOLUTION
PROVIDER**

FOR OVER **100** YEARS

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WHO SHOULD JOIN :

TARGET AUDIENCE

Built Environment Specialists. Healthcare & Institutional Representatives. Manufacturing & Industrial Decision Makers. Business Owners & Corporate Management. Sustainability & Compliance Stakeholders. Technology Partners & Industry Advisors, and many more.

SPEAKERS



Mr. Chong Hon Lim is a seasoned Senior Sales Manager (Power & Industrial, SEA) at AAF Manufacturing, bringing over 14 years of experience in the field of air pollution control and industrial filtration systems. He is responsible for driving sales growth and providing technical application solutions across Southeast Asia.



Dr. Magdeline Lai, PhD, ChM, is a Lead Chemist with over 8 years of experience in analytical method development, material qualification, and laboratory operations. She currently leads laboratory operations at American Air Filter Manufacturing Sdn. Bhd., specializing in air filtration and gas-phase media.



Mr. Ng Cher Rong is a Senior Engineer specializing in advanced gas-phase filtration and precision filtration solutions for cleanroom environments. His technical expertise encompasses AMC (Airborne Molecular Contaminants) filtration proposals, technical site assessments supported by ion chromatography (IC) and gas chromatography (GC), and troubleshooting of complex air-quality and filtration challenges. He is also experienced in business and application exploration across various industry segments.



Mr. Yee Fek Zie is a Senior Engineer specialising in gas-phase filtration and high-purity environmental solutions, with strong technical experience in evaluating and maintaining controlled environments where air quality and contamination control are critical. His expertise encompasses comprehensive environmental assessment and data-driven analysis, utilising advanced air sampling techniques, appropriate monitoring instruments, and recognised testing methodologies to accurately characterise environmental conditions across various segments and applications.



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