



9.10.25 (Thursday)

8.30 a.m.- 5.00 p.m.

The Ship Campus
Batu Kawan**Admission**FREE (120 pax ONLY) &
Lucky Draw**BEM** CPD applying**MBOT** CPD applying

Indoor Air Quality Workshop From Industrial to Life: Overcoming Productivity Challenges & Human Comfort by Elevate Air Quality with JAF innovative solutions

Synopsis

The Indoor Air Quality Workshop : From Industrial to Life: Overcoming Productivity Challenges and Human Comfort by Elevating Air Quality with JAF Innovative Solutions brings together industry experts to explore the latest advancements in air filtration and clean air technologies. Covering principles of air filtration, filter selection guidance, and regulatory standards, the workshop highlights innovative solutions tailored for diverse market segments such as clean rooms, healthcare facilities, microelectronics, automotive, commercial buildings, and large-scale kitchens. With practical insights into emission control, odour management, and next-generation solutions like the V-Guard Series, the program equips participants with the knowledge to enhance both productivity and human well-being through improved indoor air quality.

Key Takeaways

- Learn about filter media, testing methods, and selection criteria in line with international standards and regulations.
- Explore innovative solutions for clean rooms, healthcare, automotive, and commercial applications.
- Understand the role of filtration in clean room ventilation, kitchen emission control, and odour management.
- See how advanced systems like FFUs, control systems, and electrostatic/UV filters support high-performance air quality management.
- Learn how JAF's technologies reduce fire hazards, ensure health and safety compliance, and contribute to sustainable building operations.
- Engage with specialists in HVAC and air quality for knowledge-sharing and collaboration.

Target Industry

Manufacturing & Industrial Facilities • factories, production plants, and warehouses, Commercial Buildings – offices, malls, hotels, and mixed-use developments | Healthcare & Laboratories • hospitals, clinics, research centers, Education & Academia – universities, schools, training centers | Real Estate & Building Management • property developers, facility managers, and green building consultants, Government & Regulatory Bodies – agencies setting occupational health and safety standards.

Target Person

Industry Professionals • engineers, facility managers, safety officers, and building operators | Academicians & Researchers • focusing on environmental science, occupational health, architecture, and engineering | Policy Makers & Regulators • shaping IAQ guidelines and sustainability policies | Corporate Leaders & HR Professionals • integrating IAQ into workplace wellness and productivity initiatives | Technology Providers & Consultants • offering smart solutions for environmental monitoring and control.

Collaborators

Agenda

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08.30 a.m- 08.45 a.m	Registration
08.45 a.m- 09.00 a.m	Welcoming Speech by Ts Tung Chee Kuan Chief Executive of Peninsula College
09.00 a.m- 09.15 a.m	Opening Remarks by Ts Soon Penang Branch Chairman (TAM)
09.15 a.m- 10.30 a.m	Principles of Air Filtration and Filter Selection Guidance
10.30 a.m- 10.45 a.m	Tea Break
10.45 a.m- 12.30 p.m	Innovative Solutions by Market Segment
12.30 p.m- 01.30 p.m	Lunch Break
01.30 p.m- 02.30 p.m	Air Filters and its Application in Clean room Ventilation System.
02.30 p.m- 03.30 p.m	Kitchen Emission Control
03.30 p.m- 03.45 p.m	Tea Break
03.45 p.m- 04.30 p.m	Odour Control Solutions : From Principles to Commercial Applications
04.30 p.m- 05.00 p.m	Q & A, Lucky Draw

Speaker



Emily Yee

Emily Yee, General Manager of Sales at Japan Air Filter (Shinwa Asia Sdn. Bhd.), holds a Bachelor's degree in Chemical Industry from Universiti Putra Malaysia and brings over 20 years of experience in air filtration systems, industrial engineering products, and product safety testing. She actively contributes to the industry as Assistant Honorary Secretary of MACRA, and as a member of both ISO and DSM Technical Committees. Notably, she led the 1:1 Cleanroom LIVE Showcase at Engineer & MARVEX 2024, showcasing her expertise and commitment to advancing innovative clean air solutions across multiple industries.

Charlene Khoo Cheng Yean is an experienced professional with over 10 years in air filtration, HVAC systems, cleanroom design, and project management, alongside expertise in sales and customer solutions across industrial, automotive, pharmaceutical, and commercial sectors. Currently serving as Sales Manager (Northern Region) at Shinwa Asia Sdn. Bhd. (Japan Air Filter Group), she has successfully led multimillion-ringgit clean room projects and developed key customer relationships while driving sustainable growth. A graduate of University Malaysia Terengganu with a Bachelor of Science in Biological Sciences, Charlene is also an active member of ASHRAE Penang Section and the Technological Association Malaysia (TAM).



Charlene



Shirley Chong

Ms. Shirley Chong Shih Chyan, Senior Business Development Manager at Japan Air Filter Asia Sdn. Bhd., brings over 20 years of experience in air filtration, sales, and strategic business development. She has successfully led numerous air purification and odour control projects, delivering innovative solutions for diverse applications such as retail environments, supermarkets, veterinary clinics, F&B outlets, smoking lounges, laboratories, post-renovation sites, and production floors. Known for her ability to connect market needs with practical strategies, Shirley has built a strong reputation for delivering effective, scalable, and sustainable clean air solutions. She has helped organizations enhance their indoor environments through targeted and results-driven approaches. She is currently the Electronic Communication Chair within the Committee of ASHRAE Malaysia Chapter, actively supporting industry engagement and knowledge sharing.