



5TH TANK & TERMINAL TECH ASIA CONFERENCE 2024

1 OCTOBER 2024 • KUALA LUMPUR, MALAYSIA

SAFETY, SECURITY, AND INTEGRITY OF TANKS IN THE AGE OF AI AND SUSTAINABILITY

CONFERENCE PROGRAMME

08:30 – 09:00	Registration and Networking Breakfast
	Welcome Address
09:05 – 09:10	Safety Briefing
09:10 – 9:25	Conference Opening Ir. Alzakri Bin Ekhwan, Group Technical Authority and Custodian Static Unfired, PETRONAS and Chairman of Tank & Terminal Tech Asia Conference
09:25 – 09:40	Keynote Address Mr. Ahmad Farid Bin Yaacob, Managing Director /Chief Executive Officer, Malaysian Refining Company Sdn. Bhd. (MRCSB)
09:40 – 10:40	Panel Session on Digitalization and AI Use Cases in Industry, Government and Academia
	Moderator: Sharul A Rashid, Specialist Technical Excellence, TDEX, GTS, PD&T, PETRONAS
	Panellists: Ir. Johnson Tan MInstMC CEng PEPC ACPE, Head of Sales, Vice President of Digital Industries, Siemens Malaysia Sdn. Bhd. Mr. Nur Misuari A Rahman, Hexagon Ms. Khoo Choon Chew, Project Lead (NC-Asset Excellence), PETRONAS Dr Azizul Azizan, Universiti Teknologi Malaysia (UTM) Representative From Government Agency (Tentative) Representative From EPCC Tanks/terminals (Tentative)
10:40 – 11:10	Morning Tea / Coffee Break
	SESSION 1 – Utilizing Digital Twins for Assessing Asset Health and Performance
	Moderator: Mr. Eric Ho, VP (Standards), GSS Asia
11:10 – 11:30	Integrity Assessment of Aboveground Storage Tank Using the Modern Inspection Technologies Mr. Thanunkorn Tarsaku, PTT Global Chemical Public Company Limited
11:30 – 11:50	Unleashing The Power Of Drones: A New Era Of Safe And Efficient Tank Inspections Ms. Annina Bt Ramli, Senior Manager, Petroliaam Nasional Berhad (Petronas) Mr. Muhammad Danail Dhamiri Bin Rahiman, Executive, Petroliaam Nasional Berhad (Petronas)
11:50 – 12:10	Facilitating Drones for Inspection ASME
12:10 – 12:20	Question & Answer
12:20 – 13:20	Lunch Break
	SESSION 2 – Trusting Technology: Enhancing Asset Integrity and Performance through Advanced Inspection Techniques
	Moderator: Ms. Najah Mohd Jamal, Principal Engineer, Malaysian Refining Company Sdn. Bhd
13:20 – 13:40	Digital Asset Condition Monitoring Mr. Thomas Schouten, CEO, Falcker
13:40 – 14:00	Wireless Tank Gauging System Integration at a Lube Base Oil Plant Ir. Dr. M Zurix Mohamed, Custodian Engineer (Instrumentation & Control), Malaysian Refining Company Sdn Bhd (MRCSB) Ts. Zulkarnain B Mokhtar, Staff Engineer (Measurement), Malaysian Refining Company Sdn Bhd (MRCSB) Mr. Azmi Hashim, CEng, Principal Engineer (Instrumentation & Control), Malaysian Refining Company Sdn Bhd (MRCSB)
14:00 – 14:20	Improving Overfill Safety for Existing tanks with 2in1 Radar Mr. Shivam Misra, Product Manager - Inventory Management System, Emerson Automation Solutions



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14:20 – 14:40	Ammonia Tanks Perlite Settlements, It's Effect to Tanks' Integrity, and Perlite Top-up by Directional Shooting Method Mr. Mohd Norhisyam Awang, TP Principal Static Unfired, Petroliam Nasional Berhad (PETRONAS) Ts. Nur Athirah Ishar, TP Staff Static Unfired, Petronas Chemicals Fertiliser Kedah Sdn Bhd. (PCFKSB)
14:40 – 15:00	Question & Answer
15:00 – 15:30	Afternoon Tea / Coffee Break
	SESSION 3 - Assurance Through Maintenance
	Moderator: Mr. Thomas Schouten, CEO, Falcker
15:30 – 15:50	Non-man-entry Tank Cleaning Mr. Arthur Jacobs, Group Technical Sales Manager – Tank Cleaning Services CR3 Group, CR3
15:50 – 16:10	Ensuring Longevity in the Digital World: The Critical Role of Comprehensive Inspection and Maintenance Strategies for Aging Tanks Mr. Muhammad Aizat Bin Rasli, Petronas
16:10 – 16:30	Safety and integrity in the age of sustainability Mr. Ricky Gouthaman, Group Managing Director, Ezra & Macquarie Group
16:30 – 16:50	Preventive Maintenance Detector Tool for Independent High-Level Tank Gauging Systems Ir. Dr. M Zurix Mohamed, Custodian Engineer (Instrumentation & Control), Malaysian Refining Company Sdn Bhd (MRCSB) Ts. Zulkarnain B Mokhtar, Staff Engineer (Measurement), Malaysian Refining Company Sdn Bhd (MRCSB) Mr. Azmi Hashim, CEng, Principal Engineer (Instrumentation & Control), Malaysian Refining Company Sdn Bhd (MRCSB)
16:50 – 17:10	Question & Answer
17:10	Live Feedback and Vote of Thanks