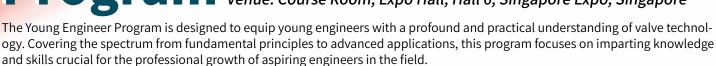
(2025 · VW Southeast Asia Edition) Engineer Date: September 24, 2025 (on the same day as the first day of the Conference) Venue: Course Room, Expo Hall, Hall 6, Singapore Expo, Singapore



Target Audience

This program is tailored for young engineers who are at the early stages of their careers, typically within 0-5 years post-graduation with an engineering degree. It is also suitable for those with up to 3 years of cross-industry experience, such as transitioning from field operations to engineering roles. The program is ideal for individuals in entry-level positions, including Junior Engineers and Field Technicians.

TIMETABLE

Opening Icebreaker

9:30-10:00

Course Moderator - David Yakos, Co-founder and Chief Innovation Officer of MagDrive Technologies & All Trainees

Session 1 **Valve Fundamentals** 10:00-10:30

Valves 101: Foundations, Functions, and Future Innovations - David Yakos, Co-founder and Chief Innovation Officer of MagDrive Technologies

Session 2 Safety Critical Valves 10:30-11:30

Introduction to Pressure Relief Valves: From Fundamentals to Risk-based Maintenance -Emiel Lechevallier, Lead SME Hydrogen and CNC, Ventil

Session 3 I **Sealing & Fugitive Emissions** 11:30-12:15

Mastering Gasket Installation & Emission Optimization: Techniques for Peak Program Efficiency - Vivek Dharmalingam, Technical Sales Manager, Klinger India

12:15-13:15

Session 3 II **Sealing & Fugitive Emissions** 13:15-14:00

East Meets West for the Environment - Bronson Pate, Vice President of Operations, MagDrive **Technologies**

Session 4 **Valve Selection & Procurement** 14:00-15:00

How to specify valves for purchasing - Mrinal Das, Senior Vice President, Projects & Engineering Purchase, Dorf Ketal Chemicals India Limited

Session 5 Oil & Gas Valve Maintenance 15:00-16:00

Valve Maintenance in Oil & Gas: Reliability, Risk & Best Practices - Richard Bonardo Napitupulu, Project QA/QC and Commissioning Lead, PT Pertamina Hulu Energi ONWJ

Session 6 Standards, Testing & Valve Technology 16:00-17:00

The Evolution of Fugitive Emission Test Standards and the First Fugitive Emission Test Laboratory for Valves and Seals - Matt Wasielewski, Founder, Yarmouth Research and Technology

Study Tour: Stand Visit on Expo Floor led by different lecturers 17:00-17:45

The guided tour, led by instructors, will take participants to visit designated booths for indepth learning and interactive communication

Attendees will also receive:

- Certificate of Completion
- Lunch Free
- Subscription
- Unlimited access to expo

The class schedule may be adjusted according to actual circumstances, and the on-site arrangement shall prevail.

Notably, the Young Engineers Course is now qualified for 6 PDUs by the Professional Engineers Board