

PPCHEM SEMINAR

Monitoring and Avoidance of Chemical Issues in Water-Steam Cycles

- Regardless of the size or the type of power plant, or whether it is an industrial power plant or a pure power generation plant, the chemistry in the water-steam cycle plays an important role.
- Correct and precise control of the chemistry in the various process cycles and systems is therefore of crucial importance.
- Contamination and deviations from the recommended chemical operating values must be detected and addressed without delay.
- How important is the chemistry in the water-steam cycle of any power plant (power generation, process steam supply, industrial power plant, etc.)? Is this just a minor issue, or can it have expensive and critical consequences?
- Which parameters should be measured and where and how and why?
- How do I use the chemical data to operate "my" plant safely and economically?
- What can happen if chemical parameters become out of specification, and what is the best way to respond?
- How can damage be prevented with good instrumentation?



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PPCHEM SEMINAR Philippines 2025



**Seda Vertis North Hotel
Quezon City, Philippines**



November 18 – 19, 2025

Save the Date!



**Conference language
English**



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Agenda

Tuesday, November 18, 2025

- 09:30** Welcome and Introduction of the Speakers
- 09:40** *Michael Rziha, PPCHEM AG*
Case Studies on Damage and Impairment Caused by Chemistry and the Associated Economic Effects
- 11:00** Coffee and Tea
- 11:30** *Michael Rziha, PPCHEM AG*
Typical and Frequent Chemical Issues in Cycling Plants
- 12:30** Q&A
- 12:45** Lunch
- 13:45** *Michael Rziha, PPCHEM AG*
Selection of the Chemical Operating Regime and its Optimization
- 15:00** Coffee and Tea
- 15:30** VGB-Standard VGB S-006 (Sampling and Sample Conditioning / SWAS) and Best Practices for Sample Conditioning and Sampling Systems
- 16:15** Case Study
- 17:00** *Michael Rziha, PPCHEM AG*
Evaluation of Operating Data (Data Management)
- 17:45** Q&A
- 19:00** Dinner

Wednesday, November 19, 2025

- 09:00** *Michael Rziha, PPCHEM AG*
Chemical Issues and Requirements in Plants with Steam Extraction and Process Steam Condensate Return
- 09:30** Sampling and Monitoring in Cooling Water Systems
- 10:30** Coffee and Tea
- 11:00** The Advantages of Degassed Conductivity and AMI CACE in Cycling Plants
- 11:30** *Michael Rziha, PPCHEM AG*
Dissolved Hydrogen as a Sensitive Indicator of Active Corrosion and for the Optimization of the Applied Chemical Operation
- 12:00** Turbidity Measurement – The Perfect Tool to Follow Total-Iron in Cycling Plants
- 12:45** Lunch
- 14:00** *Michael Rziha, PPCHEM AG*
The Issues with TOC in Water-Steam Cycles
- 14:45** *Michael Rziha, PPCHEM AG*
Plant Preservation in Cycling Plants – A Challenging but Important Task
- 15:30** Concluding Discussion/Q&A

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Venue

The seminar will take place at the Seda Vertis North Hotel, Quezon City, Philippines.

Seda Vertis North Hotel

Sola corner Lux Drives

Vertis North, Quezon City

1105 Philippines

<https://www.sedahotels.com>

The hotel room is **not** included in the participation fee; **participants are responsible for booking their own accommodations.**

Registration

Seminar registration will open soon.

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For more information about the event, please visit:

www.ppchem.com/event/ppchem-seminar-philippines-2025/

For questions about seminar **registration**, please contact the registration office.

For questions regarding **sponsorship**, please contact the conference office.

Conference Office

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Registration Office

Seminar registration will open soon.

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