

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



**Conference language
English**



[www.ppchem.com/event/
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PPCHEM AG
Power & Plant Chemistry

 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** *Zoltan Farkas, Swan Systeme AG*
VGB-Standard VGB S-006 (Sampling and Sample Conditioning / SWAS) and Best Practices for Sample Conditioning and Sampling Systems
- 16:15** *Michael Rziha, PPCHEM AG*
Case Study – Extreme Steam Turbine Damage of a 700 MW ST
- 17:00** *Michael Rziha, PPCHEM AG*
Evaluation of Operating Data (Data Management)
- 17:45** Q&A
- 19:00** Dinner

 Responsible for the Seminar Program

Michael Rziha, PPCHEM AG

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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** *Zoltan Farkas, Swan Systeme AG*
Geothermal SWAS – Considerations on Design and Safe Operation
- 10:30** Coffee and Tea
- 11:00** *Kar Leong Ong, Swan Analytical Singapore Pte Ltd*
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** *Morris Teo, Swan Analytical Singapore Pte Ltd*
Turbidity Measurement – The Perfect Tool to Follow Total-Iron in Cycling Plants
- 12:45** Lunch
- 14:00** *Michael Rziha, PPCHEM AG*
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



Swan Analytical Instruments
Studbachstrasse 13, 8340 Hinwil
Switzerland
www.swaninstruments.ch



 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>

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

 Registration

- **Early Bird Registration Fee** **Peso 7000**
(Registrations made before October 4, 2025)
- **Regular Registration Fee** **Peso 8000**

Included in the registration fee are:

- all presentations as a digital file (pdf)
- further literature in digital form (pdf)
- a free E-Paper subscription to the PPCHEM® journal for a year
- certificate of participation
- two lunch buffets, one dinner, and coffee breaks between sessions

VAT is not included in these prices. All payments must be made before November 14, 2025.

The registration fee does **not** include a hotel room.

The [general terms and conditions](#) of PPCHEM AG apply.

 Sign-up

Given Name: _____

Company: _____

Address: _____

Postal Code: _____

Phone: _____

Family Name: _____

Department: _____

City: _____

Country: _____

E-mail: _____

To **register**, please send an e-mail with the completed form to the registration office.

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

 Registration Office

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For more information about the event, please visit:
www.ppchem.com/event/ppchem-seminar-philippines-2025/

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