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?











Agenda

Wednesday, November 12, 2025

09:30 Welcome and Introduction of the Speakers

09:40 Case Studies on Damage and Impairment Caused by Chemistry and the Associated **Economic Effects**

11:00 Coffee and Tea

11:30 Typical and Frequent Chemical Issues in Cycling Plants

12:30 Q&A

12:45 Lunch

13:45 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 Importance of Design and Selection of Pressure Parts of Sampling Systems

17:00 Evaluation of Operating Data (Data Management)

17:45 Q&A

19:00 Dinner

Responsible for the Seminar Program

Michael Rziha, PPCHEM AG Phone: +41 79 521 02 22

E-mail: michael.rziha@ppchem.com



Supported by



PT Forbes Marshall Indonesia Millennium Centennial Center, 6th Floor Unit G.

JL. Jendral Sudirman Kav25. Kuningan, Karet, Kec. Setiabudi, Jakarta, Indonesia - 12920 www.forbesmarshall.com



09:00 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 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 Issues with TOC in Water-Steam Cycles

14:45 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 JW Marriott Hotel, Jakarta, Indonesia.

JW Marriott Hotel

Jalan DR Ide Anak Agung Gde Agung Kav E.1.2 No 1&2, Kawasan Mega Kuningan Jakarta, Indonesia, 12950

https://www.marriott.com

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



Registration

- Early Bird Registration Fee 700000 IDR (Registrations made before September 27, 2025)
- Regular Registration Fee

900000 IDR

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 7, 2025.

The registration fee does not include a hotel room.

The general terms and conditions of PPCHEM AG apply.

_	ĸ
$\overline{}$	`>
~/	/
//	
\sim)

Sign-up

Given Name:	Family Name:
Company:	Department:
Address:	City:
Postal Code:	Country:
Phone:	E-mail:

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

| | Registration Office

Pratik Gadkari, PT Forbes Marshall Indonesia

Phone: +62 812 94 48 10 57

E-mail: pgadkari@forbesmarshall.com

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



Conference Office

Tapio Werder, PPCHEM AG Phone: +41 79 244 34 92

E-mail: tapio.werder@ppchem.com

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







