

On-line Course in Corrosion and Water Chemistry

Repeated



SIAPWS Water Chemistry Network Courses

SIAPWS continues the series of courses held in relation to the SIAPWS Water Chemistry Network. The first course was announced with a short dead-line for registration leading to relatively few attendants. However, the feedback was very positive, so we repeat it in the fall because we think there is a wider interest. A workshop focused on instrumentation and monitoring of flue gas condensate treatment plants is planned for primo December. You attend these courses from your pc via Skype, but still with the possibility to ask questions and discuss with the other attendants and the lecturer.

Corrosion types

The first lecture gives an overview of the different corrosion types that may appear in a power plant. This covers both the water-steam side and the flue gas side of the plant. The goal is to present the preconditions for the different types of corrosion and give examples of the appearance so that they may be identified by non-experts.

Key words:

- Uniform and pitting corrosion
- Stress corrosion cracking and corrosion fatigue
- Erosion corrosion, flow accelerated corrosion
- Crevice corrosion
- Galvanic corrosion
- Hydrogen corrosion
- Microbial corrosion
- High temperature corrosion

Feedback:

"Mycket bra og relevant information"

Corrosion and water chemistry

The second lecture goes through the corrosion types that may appear in the water-steam circuit. The focus is on the components of the circuit and the corrosion types that they are susceptible for, and how the corrosion may be minimised by optimising water chemistry and preservation.

Key words:

- Water chemistry and iron oxides
- Uniform corrosion versus pitting corrosion
- Erosion corrosion
- Components versus corrosion
- Salts in the water-steam circuit
- Preservation

Feedback:

"Super godt at koble korrosionstyper og komponenter"

Format and registration

The course is held as a Skype meeting lasting 2 x 1½ h approximately. When you register, you will receive an invitation to each lecture with a link to joining. If you don't have Skype for Business installed, the session opens in a browser window, so no specific software is required.

Date and time: 1st lecture: Wednesday, November 1st, 13:00
2nd lecture: Thursday, November 2nd, 13:00

Price: **1800 DKK** (registration through IDA course website)
2700 SEK (registration through Matarvattensektionen)

Scandinavian branch of the International Association for the Properties of Water and Steam

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If you have questions regarding SIAPWS or the SIAPWS Water Chemistry Network, please feel free to contact the SIAPWS Committee:

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Registration and credit card payment at IDA Course Website:

[IDA course website](#)

If you want to pay by bill, register at Matarvattensektionen's webpage (extra fee for billing):

[Matarvattensektionen](#)

Dead-line for registration:

October, 25th 2017

