

steinmüller engineering news

Consulting | Flue Gas Cleaning | Steam Generation

Edition 7 | September 2017

COME TOGETHER – TECHNICAL CONFERENCE

As an engineering partner and consulting service provider we are highly interested in new developments and solutions in our business fields. Therefore it is crucial for us to discuss with our clients, partners and other experts the latest developments. One of these opportunities, where a lot of people with operation, research and industry background meet to discuss the last year and the upcoming trends, is the German-speaking event “Kraftwerkstechnisches Kolloquium” in Dresden.

Don't miss to join the conference.

TOPICS

Steinmüller Engineering participates with three different presentations of recent projects. Therewith we are able to cover a wide range of topics like flue gas cleaning, steam generation and consulting.

- During the flue gas cleaning session our colleagues present the possibilities for a reagent switch from unhydrated lime to limestone and the required modifications for existing plants. Unhydrated lime is often used in older or smaller plants due to the higher reactivity; however, unhydrated lime is an expensive operating resource and limits the operation time of the scrubber which makes a switch to limestone interesting
- The colleagues of the steam generation department present a project which focuses the omnipresent challenge to adjust a decade old boiler to the actual operation conditions. It started as a design for the replacement of a heating surface but ended up in the economical optimized exchange of multiple heating surfaces due to favorable thermodynamic operation potential.
- The last project is the complete engineering of a boiler replacement. The existing boiler pressure part including the auxiliary structures will be completely replaced; however the existing boiler main steel structure as well as the boiler house itself will be kept. The process parameters of the substitute boiler will be the same as the original ones, however several details of the 40 years old design will be changed to a state of art technology. Additionally the installation of the new boiler has to be executed without impact to the operation of the five other units on site. Our goal is the safe and proper execution in time, so our engineering is following these special construction demands. A first impression of our services capability in consulting and engineering has been shown by the preparation of the technical documents for a procurement and construction contract as owners engineer for and together with our client in record time.

„In order to meet changing market conditions and to ensure the competitiveness of our customers, Steinmüller Engineering GmbH is continuing to develop new engineering technologies.“

Lutz Brandau

- Head of Marketing & Proposals -

WHAT IS YOUR CHALLENGE?

Contact us for more details.

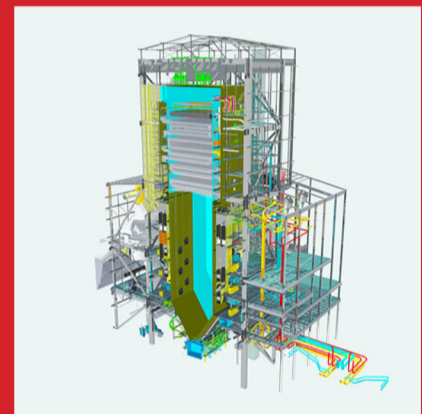
TITLE OF SPEECHES

"Reduction of operating costs and technical optimization of a FGD by replacing lime by limestone"

"Techno-economic optimization of replacement of 2nd RH area at the PS Schkopau"

"Rehabilitation of a coal-fired steam generator of a 600 MWe power station unit"

For further information, please visit www.kraftwerkskolloquium.de



Typical Boiler Sketch.



Sabine Wurth-Goller, Marketing Manager

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