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steinmüller engineering news

Mercury Removal | Revamping | Flue Gas Cleaning
& Consulting

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MERCURY REMOVAL - STEINMÜLLER ENGINEERING APPROACH

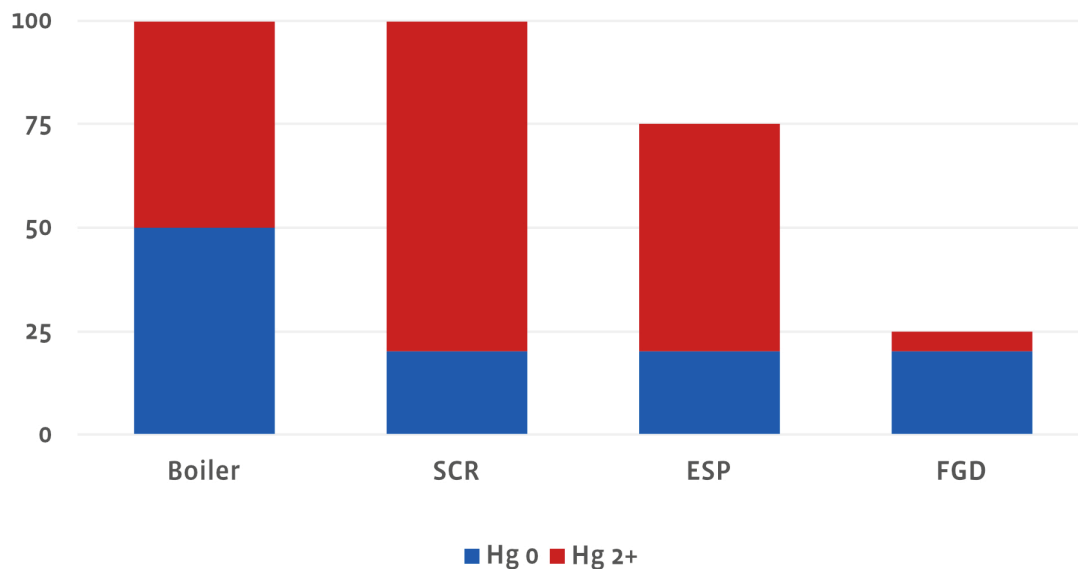
An integrated approach to meet your task

Environmentally friendly operation of power plants has become even more challenging after revision of best available techniques (BAT) for large combustion power plants. Besides NO_x, particulate matter and SO₂, power plant operators are now facing more stringent requirements related to the allowable emission limits for mercury (Hg).

The **mercury balance** of each and every power plant – e.g. the partitioning of elementary and oxidized Hg – needs to be measured and understood before a cost-benefit analysis of the available mercury removal technologies can be carried out.

	Boiler	SCR	ESP	FGD
Hg 0	50 %	20 %	20 %	20 %
Hg 2+	50 %	80 %	55 %	5 %

Hg partitioning in Flue Gas downstream of (total Hg after Boiler = 100%):



Graphic: Steinmüller Engineering GmbH

Steinmüller Engineering has recently performed several studies in this field. From the known catalogue of mercury reduction measures we are able to choose tailor made combinations of technologies in view of life-cycle costs. Further information on APC equipment can be taken from our website [Flue Gas Cleaning](#)

VDI CONFERENCE 26.-27.03.2019

We would like to point your attention to our paper "Unterschiede bei der standortspezifischen Quecksilberabscheidung im Rauchgasweg ausgewählter thermischer Kraftwerke" (or "Explaining Plant-to-Plant Differences in Mercury Removal") which will be presented at the upcoming 19th VDI-conference "Messung und Minderung von Quecksilber-Emis-

sionen", taking place on 26-27 March 2019 in Cologne/ Köln. [VDI Conference](#) Even though the conference will be held in German our paper / presentation will be accessible on our website in English.

„We know how to reach your targets.“

Dr. Axel Thielmann - Department Manager Proposals Flue Gas Cleaning

WHAT IS YOUR CHALLENGE?



*Dr. Axel Thielmann, Department Manager
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PLEASE CONTACT US!

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