

Resumen nº 1

Abstract of Lhoist Company Paper; Qualicer 08 Congress, Castellón (Spain)

Content: Block C2. Environment, Best available techniques and equipments

Title: „Flue gas treatment in the ceramic industry.“

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Rheinkalk is a Member of the Lhoist Group. Lhoist is an international worldwide operating company producing Lime for all different purposes including Flue Gas Treatment. We would like to present the paper as Lhoist Company

Key words: Flue Gas Treatment, Emission Control, Acid Gas removal, Environmental Protection.

Resume:

Various flue gas cleaning processes are used in the ceramic industry. In most cases dry sorption systems are used due to low invest and maintainance costs and a high performance in operation. These processes run with lime based sorbent materials.

In the ceramic industry emissions of fluorides (HF), sulfuroxides ($\text{SO}_2 / \text{SO}_3$) and Hydrogen oxide (HCl) must be removed. Most important processes are the fixed bed filter and dry sorption with fabric filter. In this presentation processes, sorbents and performances of existing plants are presented.

The paper describes the various Processes and its performance by practical examples.