

**Latest news!**

## Scale inhibition in waste gas scrubbers

### Introduction

Waste Incineration Plants (WIPs) are an important part of modern waste management and serve besides the waste disposal as energy producers. The generated air pollutants are removed in waste gas scrubbers.

### Problem

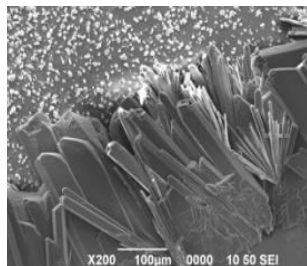
A frequently appearing problem in WIPs is scaling in the lines of the waste gas scrubbers. These are often caused by high amounts of  $\text{SO}_x$  and  $\text{CO}_2$  in the waste gas and the high concentrations of Ca in the washing water.

As a consequence deposits amongst others of calciumsulfate, calciumsulfite, calciumfluoride, calciumsilicate and calciumcarbonate occur.

The results of these deposits are lowered operation times and a high amount of work for the cleaning of the lines, leading to higher costs.



Scaling

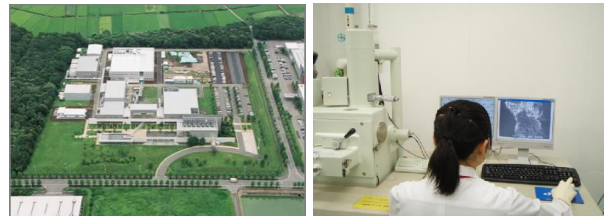


Microscope analysis

### Kurifloat-Technology

With the Kurifloat-technology scaling problems belong to the past. Especially for the waste gas scrubbers developed high performance products inhibit the described scaling.

The Kurifloat-technology has proven its performance worldwide in different WIPs and waste gas scrubbers.



Kurita research-and developing centre

Continuous improvements in our own research and development centre in Japan guarantee a highest possible technical standard.

### Your partner for water treatment

Get your benefit also from our know-how in the fields of boiler-, cooling- and waste water, antifoamers, heavy metal precipitation and reverse osmosis.

### Your advantages on one view

After analyzing your facility a custom made treatment concept for the conditions on-site will be created.

Therefore you have the following benefits:

- Custom made solution
- Start up supervising and service by Kurita-engineers
- Lower operating expenses
- Higher availability of you plant
- Reduction of operating costs

**Ensure your advantage!**

KURITA Europe GmbH  
Industriering 43  
41751 Viersen, Germany

Telefon: 0049-2162-9580 110  
email: [info@kurita.de](mailto:info@kurita.de)  
Internet: [www.kurita.de](http://www.kurita.de)