

# Monitoring VOC Contamination in the Exhaust Gas from an Industrial WTP

## APPLICATION

Monitoring exhaust gas from an industrial water treatment plant. The exhaust gas is specially treated, and the effectiveness of the treatment process is controlled by the VOC measurement.

## CUSTOMER

Refinery for coal tar products, Germany

## PROBLEM

The exhaust gas is treated with activated carbon filters. The contaminated carbon filters are reconditioned by desorbing contaminants using a stream of hot air. This air is now contaminated with VOCs which in turn is exposed to UV light. The UV light oxidises the organic compounds removing them from the gas stream. If the VOC concentration in the gas falls below a certain value, the UV process can be stopped to save energy.

## PRODUCT

MS1200-01-SYS – Touch version, 4-20 mA without sampling tank. The VOC gas is taken directly from the line which is one metre away.

## WHY MULTISENSOR?

The customer needed a system to monitor VOC



A picture of the unit installed in the cabinet for further weather protection

*Learn more on the new VOC Gas Analyser  
by clicking on the image*

