

# News Alert



## **BASF introduces new tail gas treatment technology**

- Reducing sulfur emissions, increasing plant efficiency
- First public presentation GASTECH 2017 in Japan
- **GASTECH 2017: Booth 12-170 in Hall 4, Makuhari Messe International Convention Complex Chiba, Tokyo, from April 4-7, 2017**

Hong Kong and Tokyo, Japan – March 20, 2017 – BASF developed a new technology for tail gas treatment and will present it at GASTECH in Japan, for the first time in public. This latest addition to BASF's gas treatment portfolio, marketed under the brand OASE® yellow T, can boost the performance of the overall sulfur removal unit (SRU) in refineries. OASE yellow T significantly decreases the sulfur emissions from tail gas treatment units and lowers operational expenditure due to the reduced amine circulation rates and reboiler duties. This new technology allows an increase in the overall throughput and, therefore, the capacity of the SRU system in place. OASE yellow T can be implemented into a running tail gas treatment unit, and does not require any change of existing equipment.

The tail gas treatment process converts sulfur dioxide contained in the tail gas from the Claus process into hydrogen sulfide, which will be absorbed by the amine solution, and returns it to the Claus process, thereby achieving a high rate of sulfur recovery.

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### **About OASE Gas Treating Excellence**

With almost 50 years of experience, BASF offers its customers efficient solutions for the treatment of various gases such as natural gas, synthesis gas, and biogas. Worldwide, these solutions have been proven and demonstrated in over 400 reference plants. BASF markets its range of technologies, gas treatment agents and complete technical services under the brand OASE – Gas Treating Excellence by BASF.

### **About BASF**

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. The approximately 114,000 employees in the BASF Group work on contributing to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio is organized into five segments: Chemicals, Performance Products, Functional Materials & Solutions, Agricultural Solutions and Oil & Gas. BASF generated sales of about €58 billion in 2016. BASF shares are traded on the stock exchanges in Frankfurt (BAS), London (BFA) and Zurich (BAS). Further information at [www.basf.com](http://www.basf.com).