



CASE STUDY

| Site description | Detergents production plant |
|------------------------------|--|
| Treatment location | Air exit from the scrubber (gas washer) |
| Location description | <ul style="list-style-type: none">- Chimney length: 10 m- Scrubber exit pipe diameter: 300 – 400 mm- Airflow at the scrubber entry: 6,000 m³/h- Airflow at the scrubber exit: 15 – 23 m/s- Wash buffer flow: 15 m³/h |
| Characteristic smells | H ₂ S |
| Active agent used | 36 plates: Gelactiv® AFG (70%) + Gelactiv® C (30%) Exair® AD (dilution rate from 0.3-0.5% calculated on the fresh water volume used) |
| Diffusion technology applied | Smellmeister® G36 + diffusion pipe |
| Treatment renewal rate | 9 plates every month (25%) |

Note: both diffusion ramps were installed at the scrubber exit. In order to treat peaks in concentration, some ExAir® AD (liquid) was added to the the washer to increase the scrubber's efficiency.

Scrubber:





BIOTHYSTM
OLFACTIVE SILENCE

Installation:

