

## **NESS VOC-Remover for NALD250 / NALD250-i**

Emission control for light-ends removal systems

The VOC-Remover was specially developed to reliably comply with the legal limit values according to TA-Luft - especially for volatile organic compounds (VOC) such as benzene, toluene or ethylbenzene.



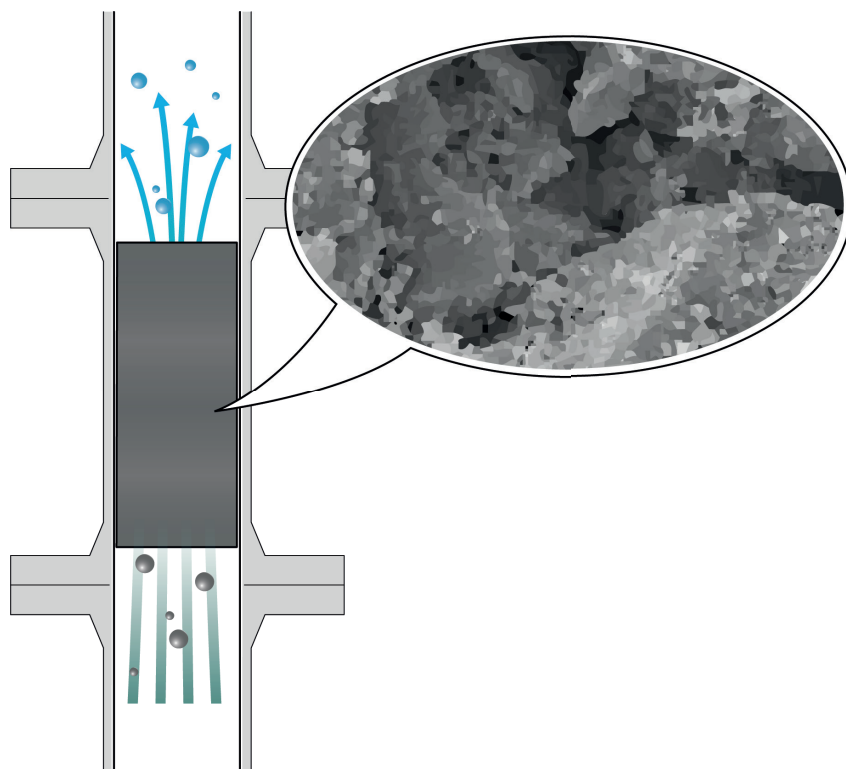
### **Your benefits at a glance**

- Safe compliance with legal limits
- Reduction of VOC emissions
- Simple retrofitting
- Sustainable replacement system



Thanks to the easy retrofitting and the uncomplicated cartridge system, your business remains legally compliant. Each cartridge has a service life of around three months and can be easily replaced. The filling level of the filter can be easily read off the NALD panel.

How the VOC-Remover works:



The VOC-Remover reliably complies with the TA-Luft limit values

**#1** Simple retrofitting in existing low-boiler removal systems

**#2** Porous and fine-grained filter material for binding VOC emissions

## Light-ends removal and VOC emissions

In systems with organic heat transfer fluids as heat transfer media, light boilers are produced over time through use, which must be removed from the system. Our NALD250 / NALD 250-i was developed for this purpose. However, some of these low-boilers are not condensable under ambient conditions and therefore inevitably escape into the atmosphere when removed.

This is particularly critical in the case of synthetic heat transfer media containing aromatic (cyclic) compounds. The emission of these components falls under the Federal Immission Control Act and is specifically regulated in the TA-Luft. The limits specified there for benzene, for example, can be quickly exceeded without further measures.

Fitting a filter - specially developed for light-ends removal - ensures that the limit values are safely adhered to. The filter can be easily retrofitted and a cartridge lasts around 3 months before it can simply be replaced.

