



**DILO  
CERTIFIED GAS**



**Overview of DILO SF<sub>6</sub> gas**

- Selling of reconditioned SF<sub>6</sub> gas in a quality that is better than new gas, of which is seen as an ecological and economical alternative to that of new gas.
- Reconditioning of used SF<sub>6</sub> gas and return shipment (instead of disposal)
- Return of used SF<sub>6</sub> gas

**The benefits of gas reconditioning**

- Gas reconditioning as service instead of
  - Disposal of used SF<sub>6</sub> gas (no waste)
  - Purchase and production of new SF<sub>6</sub> gas
- Compliance with the KrWG (Closed Substance Cycle Waste Management Act)
- Quick processing times attributed to optimised processes
- All gases are supplied with a DILO certificate
- The perfect solution from an economic and ecological viewpoint

**Analytical services DILO laboratory**

The DILO Lab offers a wide range of gas chromatographic and FT-IR spectroscopic analyses in the field of SF<sub>6</sub>. Each batch of reconditioned SF<sub>6</sub> gas is analysed in the in-house DILO laboratory for compliance with the purity criteria.

**DILO is a certified waste management company**

DILO is a specialist in waste management certified by TÜV SÜD in accordance with the German Waste Management Ordinance (Efbv) for SF<sub>6</sub> gas and alternative insulating gases. The measured values meet the criteria regarding the purity of the following standards:

- IEC 60376 (guideline for new SF<sub>6</sub> gas of technical quality)
- the ASTM D2472-15 guideline
- The GB/T 12022/2014 (Chinese standard for new SF<sub>6</sub> gas)

Substance	DILO quality "Certified Gas"	EC 60376:2018* (New gas)	ASTM D2472-15
SF <sub>6</sub>	> 99.9 vol.-% (> 99.99 wt%)	> 98.5 vol.-%	≥ 99.8 weight.-%
H <sub>2</sub> S	8 µl/l	< 200 µl/l	≤ 8 ul/l
Frost point (100 kPa)	-62 °C	-36 °C	-62 °C
Total acidity (HF equivalent)	< 0.1 µl/l	< 7 µl/l	≤ 0.3 ppm <sub>w</sub>
Air	< 500 µl/l	< 10.000 µl/l	≤ 500 ppm <sub>w</sub> (2500 µl/l)
CF <sub>4</sub>	< 500 µl/l	< 4,000 µl/l	≤ 500 ppm <sub>w</sub> (830 µl/l)
Oil mist	< 1 mg/kg	< 10 mg/kg	–
SO <sub>2</sub>	< 0.1 µl/l	–	–

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