

Emission measuring

Performance tests

Emission measuring

Emission declarations

Functional tests

Hazardous substance measuring

Air quality measuring

Dispersion calculation

Noise prognosis

Traffic and noise

Machine noise & vibrations

Building acoustics

Wind prognosis

Emission monitoring of air pollutants and odours

Operators of plants requiring official approval according to §§ 26, 28 of the Federal Immission Control Act (BImSchG) are obliged to implement emission monitoring measures. Due to our authorization as a test institute as per § 26 BImSchG, we are permitted to perform these legally required measurements for you. Of course we also offer in-house measurements.

With our many years of experience, we can analyse your processes and identify optimization potential.

- Which filters do you need?
- What regulations apply to your exhaust gas disposal?
- How high should your chimney be?

TÜV Rheinland has been a reliable partner for decades. We are in constant contact with regional regulatory bodies and have established ourselves as trustworthy partners.

Authorised test institute as per § 26 BImSchG

As an approved test institute, we perform emission monitoring for a variety of components for a large range of customers throughout Germany. We come to your plant and carry out the measurements which we then analyse in our laboratory. We provide you with a report that you can present to the authorities.



We never compromise on quality. TÜV Rheinland is certified for quality management (ISO 9001), environmental management (ISO 14001) and is an accredited test institute according to ISO/IEC 17025.

Our focus, your plant:

- Plants according to 13th BImSchV
- Plants according to 17th BImSchV
- Plants according to 27th BImSchV
- Plants according to 31st BImSchV
- Plants according to TA Luft

We measure for you:

- Traditional combustion exhaust gases: carbon monoxide, nitrogen oxide, total carbon, oxygen and carbon dioxide
- Anorganic gases: hydrogen chloride, hydrogen fluoride, sulphur dioxide, sulphur trioxide, ammonium, hydrogen cyanide, hydrogen sulphide, nitrous gas
- Total dust and fine dust (PM10 and PM2.5)
- Mineral fibre dusts and asbestos
- Heavy metals: mercury, thallium, lead, cobalt, nickel, selenium, tellurium, antimony, chrome, copper, manganese, vanadium, tin, cadmium, arsenic ...
- Slowly degradable, highly accumulative and highly toxic organic substances: dioxins and furans
- Organic gases: total carbon, formaldehyde, benzene, toluene, xylene, ethylbenzene, phenol, aldehyde and ketone, benzopyrene, polycyclic aromatic hydrocarbons (PAH), polychlorinated biphenyl (PCB)
- All other important substances

We always use the best procedure for each measurement and discuss planning with you.



Always a good sign.



This mark stands for all the information about products, services and systems that are tested, certified or inspected by TÜV Rheinland.

Transparent, available anytime worldwide – powerful and unique. The TÜV Rheinland test mark.

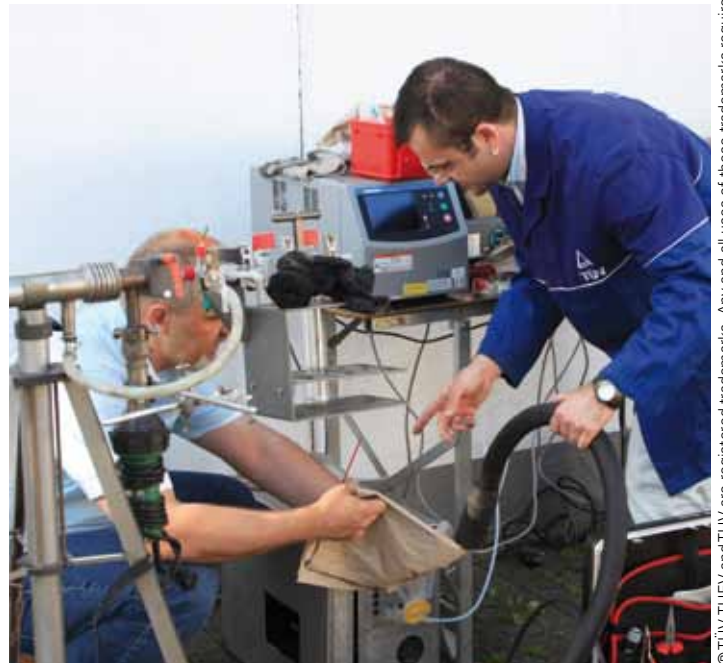
Odour

Unpleasant odours are created in a lot of production processes. Many companies often have to deal with a lot of complaints and negative press. Furthermore, odorous environments can have a negative effect on employees' motivation and abilities.

- To comply with regulations,
- To avoid complaints,
- To improve public opinion,
- To improve working conditions,
- To identify areas of optimisation.

We measure for you:

- Odour threshold- When do odours begin?
- Odour intensity – How strong is the odour?
- Odour perception – Odour or aroma?



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