

Proficiency Test for VOC Emissions in the Automotive Industry - 2022



Announcement and invitation to participate

Again after 2006, 2010 and 2017, Olfasense GmbH is organizing a VOC proficiency test in 2022.

Global provider of proficiency tests



Again after 2006, 2010 and 2017, Olfasense GmbH is organizing a VOC proficiency test. Initiator is the VDA (Verband der Automobilindustrie e.V.). Olfasense is responsible for planning, execution and data evaluation.

We cordially invite you to participate in this proficiency test. Registration is done online via [this link](#). Alternatively, please send an email to qaqc@olfasense.com.

Concept

- The proficiency test is organized in a decentralised way. That means that the test is carried out in the laboratory of the participant.
- 1 type of material has to be investigated.
- The publication of results will be made anonymous.
 - » 2 participation options are available. Registration can be made for one or both options:
 - a) VDA 278 - Thermal Desorption Analysis of Organic Emissions for the Characterization of Non-Metallic Materials for Automobiles: May 2016
 - b) ISO 12219-3 Interior air of road vehicles – Part 3: Screening method for the determination of the emissions of volatile organic compounds from vehicle interior parts and materials – Micro-scale chamber method: Dec 2013

In addition to the mentioned methods, there might be some specific instructions available. That information will be shown in the instruction for use for the proficiency test.

Aim of the proficiency test

Assessment of the performance of the participating laboratory

Data evaluation

In principle, in the context of the evaluation, the z-score method according to ISO 17043 is applied. Based on the values of qualified laboratories, the relevant robust mean will be calculated and is base of the performance evaluation (z-score calculation).

Details and focus of the data evaluation for the different methods:

VDA 278

- sum value of VOC and Fog value
- concentration of 3 single components (list of components will be published beforehand)

ISO 12219-3 - Microchamber

- TVOC-MS
- concentration of 3 single components (list of components will be published beforehand)

Schedule

- Registration period until: 3 January 2022
- Shipment of samples on: 5 January 2022
- Execution of the proficiency test (tests in laboratory) in the period between: 24 January to 4 February 2022
- Results from participants to organiser until: 18 February 2022
- Report delivery until: 6 April 2022

Costs

Options of participation	Costs (net)
a) VDA 278	600.00 EUR
b) ISO 12219-3	600.00 EUR

In addition:

- VAT (currently 19%) will be charged to participants within Germany and those EU participants who do not provide a valid Value Added Tax registration number.
- Participants from EU member countries who provide a valid value added tax ID number will be VAT exempt from this tax (VAT 0%).
- For participants outside Europe additional transport costs and an additional processing fee of 120.00 EUR will be incurred.

Olfasense GmbH will provide the following services:

- Design, organisation and planning.
- Shipment of the samples (1 type of material per option) including instruction of use.
- Data processing and reporting of the measuring results. The report will also include an overview table and a graph chart of anonymous results of all participants.
- A certificate of participation including individual results.
- All documentation in English language.

Registration

Please confirm your participation before 3 January 2022 at the latest. Please submit your application using the following link:

[VOC Proficiency Test Registration Form](#)

Alternatively, use the following email address:

qaqc@olfasense.com

or send your order as hardcopy or fax to:

Olfasense GmbH
Dr.-Ing. Laura Brosig
Schauenburgerstr. 116
D- 24118 Kiel
Fax: +49 431 2201217

Olfasense will confirm your registration with an order confirmation.

We would be delighted with your participation and are looking forward to receiving your confirmation of participation.

Sincerely yours,
Dr.-Ing. Laura Brosig & Björn Maxeiner



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