

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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Resolutions of the first meeting of CEN/TC264 WG2 ODOURS, Amsterdam, December 1991.

1. The working group agrees on the following scope of work:

The draft European Standard will specify a dynamic olfactometric method to measure the odour threshold.

The following subjects will be included:

- (a) terms and definitions
- (b) field of application
- (c) sampling strategy (if time permits)
- (d) sampling at point sources (and surface and fugitive sources if time permits)
- (e) treatment of samples
- (f) description of dilution instrumentation
- (g) panel selection
- (h) data processing (calculation and reporting)
- (i) calculation of emission rate by concentration
- (j) key elements of traceability

The following subjects will not be included:

- (a) measurement of supra odour threshold
- (b) dispersion models
- (c) field measurements
- (d) static olfactometry measurements

2. The working group agrees to form an editing committee, that consists of the following members:

- native French speaker: Ms. Perrin
- native German speaker: Ms. Paduch
- native English speaker: Mr. Clarkson

with the task to either translate documents or to check externally translated documents.

3. The working group agrees on the formation of a subgroup to formulate the terms and definitions to be used in the draft standard. A complete list of terms and definitions will be prepared for the next meeting of CEN/TC264 WG2 ODOURS.

The following members will take on this task:

- Ms. Perrin
- Ms. Paduch
- Mr. Harssema

ALL DELEGATES are invited to supply definitions to this subgroup (term - definition - source).

4. The working group agrees to carry out a survey by questionnaire that is to provide an inventory of current practice in laboratories within CEN-countries.

The convenor (VAN HARREVELD) will initiate this survey.

5. The working group agrees to take the following approach to carry out its task:

- (a) To analyze existing national standards to identify areas of agreements and divergence. (VAN HARREVELD/ WALPOT)
- (b) To identify the scientific material that investigates the areas and parameters that are relevant to the performance of olfactometry, and to evaluate this material (VAN HARREVELD/ WALPOT). All DELEGATES are invited to supply relevant data and literature.

A bibliography will be compiled and sent to the DELEGATES, who are invited to complete this listing.

- (c) To formulate the minimum requirements for the methodology and equipment. The working group will *not* choose an existing standard method.
- (d) To formulate performance standards based on evaluation using reference materials.

- i. The working group will try to define 'real' odour thresholds for reference materials. If necessary these reference thresholds will be confirmed by initiating an international interlaboratory test.
- ii. A survey will be held with the aim to collect data on measurements on pure substances, that could be considered as reference materials, followed by an analysis of the merits of these data. This survey will be carried out by HARSSEMA.
- iii. All key elements to ensure traceability will be defined.

To this end a survey will be held with the aim to obtain an inventory of available (inter-)national structures for certification. This survey will be held by the Netherlands Normalisation Institute, VAN DEN BERG.

6. The working group agrees that it is feasible to draft a standard by March 1993, although this is will be not easy. A requirement to achieve this aim is to convene 3-4 meetings a year. Also sufficient resources, in terms of time and finance will be needed to keep within this time frame.

7. The working group agrees to have its next meeting on:
May 11th (starting at 1330 hours) and May 12th 1992

Location: The Netherlands (Delft or Amsterdam), exact location will be specified at a later date.