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Committee E18 Sensory Evaluation

More than meets the eye

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210

Professionals in the food, personal care, household care and environmental industries, as well as attorneys, professors, consultants, and researchers, comprise Committee E18

11

Subcommittees oversee E18 sensory evaluation standards

High Standards for Perception

Since 1960, ASTM Committee E18 on Sensory Evaluation has been promoting knowledge, stimulating research, and developing principles and standards for sensory evaluation. There is such a diverse range of industries that require sensory analysis, which emphasizes the demand for professionals and field experts involved in the science of perception.



Market Relevance

ASTM standards have met the technical demands of commerce for more than a century by providing modern guides for research, design, marketing and manufacturing. Our standards are accepted and used in research and development, product testing, quality systems and commercial transactions around the globe. ASTM's market relevance extends beyond its 100 sectors and dedicated members in more than 140 nations.

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Sensory Standards



From car horns to cantaloupe and makeup to markers, the five senses are important for everything manufactured, sold, purchased and enjoyed by the public. To help sensory professionals provide consumers with products that delight the senses, ASTM Committee E18 has published 37 standards to define methods that are used to measure sensory responses, including:

- E253** — Standard Terminology Relating to Sensory Evaluation of Materials and Products
- E460** — Standard Practice for Determining the Effect of Packaging on Food and Beverage Products During Storage
- E679** — Standard Practice for Determination of Odor and Taste Thresholds by a Forced Choice Ascending Concentration Series Method of Limits
- E1490** — Standard Practice for Two Sensory Descriptive Analysis Approaches for Skin Creams and Lotions
- E1871** — Standard Guide for Serving Protocol for Sensory Evaluation of Foods and Beverages
- E1885** — Standard Guide for Sensory Analysis-Triangle Test
- E1958** — Standard Guide for Sensory Claim Substantiation
- E2299** — Standard Guide for Sensory Evaluation of Products by Children
- E2454** — Standard Guide for Sensory Evaluation Methods to Determine the Sensory Shelf Life of Consumer Products
- E2943** — Standard Guide for Two-Sample Acceptance and Preference Testing with Consumers

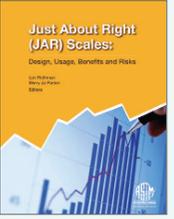
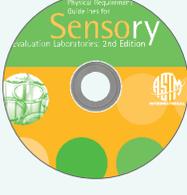
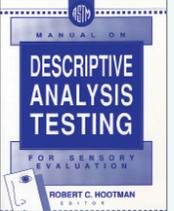
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37

E18 standards define methods that are used to measure sensory responses

<p>DS72 Lexicon for Sensory Evaluation: Aroma, Flavor, Texture and Appearance</p>		<p>MNL63 Just About Right (JAR) Scales: Design, Usage, Benefits and Risks</p>	
<p>MNL60-2ND Physical Requirement Guidelines for Sensory Evaluation Laboratories 2nd Edition</p>		<p>MNL26-2ND Sensory Testing Methods 2nd Edition</p>	
<p>STP758-EB Guidelines for the Selection and Training of Sensory Panel Members</p>		<p>MNL13-EB Manual on Descriptive Analysis Testing for Sensory Evaluation</p>	

Publications

In addition to standards, Committee E18 publishes many volumes to educate and inform industry professionals. Some of the most recent editions available are featured above.

A young girl with blonde hair is shown in profile, holding a green apple to her nose and smelling it. The background is a soft-focus green field.

ASTM International welcomes all technical experts with a desire to work toward further development of sensory standardization. As a member, you will be on the cutting edge of the world's most advanced standards development infrastructure. Through an online network built on speed and efficiency, you can join global efforts in the creation of standards that affect the industry of touch, scent, taste, sight and sound.

As a member of ASTM, you will have the opportunity to:

- Network with sensory professionals worldwide
- Participate in informational webinars
- Receive a free volume of the *Annual Book of ASTM Standards* (print, CD, or virtual volume)
- Enjoy discounts on all ASTM publications
- Receives free subscriptions to *ASTM Standardization News* and *ASTM eNews*
- Benefit from reduced attendance fees at ASTM symposia and technical workshops

A close-up of a hand holding a small bouquet of white and yellow flowers. The nose and mouth of a person are visible on the right side of the frame, suggesting they are smelling the flowers.

Cater to Your Career Sense

Networking

Nearly 100 members come together for three days of Committee E18 meetings, technical workshops and presentations twice a year. These meetings emphasize the current market trends and how standardization must evolve in order to accommodate consumers' changing desires.

For more information
www.astm.org/COMMITTEE/E18



ASTM INTERNATIONAL
Helping our world work better

Over 12,000 ASTM standards operate globally. Defined and set by us, they improve the lives of millions every day.

Combined with our innovative business services, they enhance performance and help everyone have confidence in the things they buy and use – from the toy in a child’s hand to the aircraft overhead.

Working across borders, disciplines and industries we harness the expertise of over 30,000 members to create consensus and improve performance in manufacturing and materials, products and processes, systems and services.

Understanding commercial needs and consumer priorities, we touch every part of everyday life: helping our world work better.

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