

ANNEX X

MATERIAL MEASURES (MI-008)

CHAPTER II

Capacity serving measures

The relevant essential requirements of Annex I, and the specific requirements and the conformity assessment procedures listed in this chapter, apply to capacity serving measures defined below. However, the requirement for the supply of a copy of declarations of conformity may be interpreted as applying to a batch or consignment rather than each individual instrument. Also, the requirement for the instrument to bear information in respect of its accuracy shall not apply.

DEFINITIONS

| | |
|--------------------------|---|
| Capacity serving measure | A capacity measure (such as a drinking glass, jug or thimble measure) designed to determine a specified volume of a liquid (other than a pharmaceutical product) which is sold for immediate consumption. |
| Line measure | A capacity serving measure marked with a line to indicate nominal capacity. |
| Brim measure | A capacity serving measure for which the internal volume is equal to the nominal capacity. |
| Transfer measure | A capacity serving measure from which it is intended that the liquid is decanted prior to consumption. |
| Capacity | The capacity is the internal volume for brim measures or internal volume to a filling mark for line measures. |

SPECIFIC REQUIREMENTS

1. **Reference Conditions**
 - 1.1. Temperature: the reference temperature for measurement of capacity is 20 °C.
 - 1.2. Position for correct indication: free standing on a level surface.
2. **MPEs**

TABLE 1

| | Line | Brim |
|--------------------------|-------------|---------------|
| Transfer measures | | |
| < 100 ml | ± 2 ml | – 0 + 4 ml |

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| | | |
|-------------------------|-------------------------------|----------------------|
| ≥ 100 ml | ± 3 % | - 0 + 6 % |
| Serving measures | | |
| < 200 ml | ± 5 % | - 0 + 10 % |
| ≥ 200 ml | $\pm (5 \text{ ml} + 2,5 \%)$ | - 0 + 10 ml + 5 % |

3. **Materials**

Capacity serving measures shall be made of material which is sufficiently rigid and dimensionally stable to maintain capacity within the MPE.

4. **Shape**

- 4.1. Transfer measures shall be designed so that a change of contents equal to the MPE causes a change in level of at least 2 mm at the brim or filling mark.
- 4.2. Transfer measures shall be designed so that the complete discharge of the liquid being measured will not be impeded.

5. **Marking**

- 5.1. The nominal capacity declared shall be clearly and indelibly marked on the measure.
- 5.2. Capacity serving measures may also be marked with up to three clearly distinguishable capacities, none of which shall lead to confusion one to the other.
- 5.3. All filling marks shall be sufficiently clear and durable to ensure that MPEs are not exceeded in use.

CONFORMITY ASSESSMENT

The conformity assessment procedures referred to in Article 17 that the manufacturer can choose between are:

A2 or F1 or D1 or E1 or B + E or B + D or H.