

## Draft EAC dry measures of capacity regulations, 2011

1. Dry measures of capacity shall be made of sheet iron or steel (with or without nickel plating), brass, bronze, copper, nickel, aluminium alloys, tin plate, galvanized iron or such other material as shall be approved by the Head of Legal Metrology.

**Material for construction of dry measures of capacity.**

2. (1) Dry measures of capacity shall be of cylindrical shape and the mean internal diameter shall not differ from the mean internal depth by more than five per cent.

**Mode of construction**

(2) Dry measures shall be provided with strengthening bands of suitable material placed around the rim thereof, and the denomination shall be marked on such band.

(3) Dry measures of 5 litres and above shall be provided with two straps of suitable material extending from the rim and crossing the bottom approximately at right angles, such strap being securely riveted to the body of the measure at not less than five points and one of the points being at the bottom crossing:

Provided that the provisions of this rule shall not apply to measures made of sheet iron of gauge 14 or other similarly strong material.

(4) Dry measures of capacity made of galvanized iron shall be of double folded seams.

(5) Dry measures of capacity shall be entirely free from corrugation.

3. Dry measures of capacity shall be tested either –

**Testing**

(a) by transferring water at ambient temperature from an appropriate working standard to the measure under test; or

(b) by measuring the internal diameter and height of the measure under test and then calculating its volume from the dimensions so obtained.

4. (1) The maximum permissible errors on verification of dry measures of capacity shall be as follows-

**Permissible errors for dry measures of capacity**

Denomination	Error in Excess Only
20 litres	200 ml
10 litres	100 ml
5 litres	50 ml
2 litres	20 ml
1 litre	10 ml
500 millilitres	7.5 ml
200 millilitres	5 ml
100 millilitres	3.5 ml

(2) The maximum permissible errors on re-verification or inspection shall be twice the errors on verification in excess or half in deficiency.

5. (1) Dry measures of capacity of 2 litres and under shall be stamped on a soft metal plug passing completely through the body of the measure and the strengthening band placed round the rim.

### **Stamping**

(2) Dry measures of capacity of 5 litres and over shall be stamped on both sides of two soft metal plugs passing completely through the body of the measure, the strengthening band placed round the rim and the opposite ends of any one strengthening strap.