



# THE WEIGHTS AND MEASURES (INTERNATIONAL SYSTEM) ACT, 1967



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**THE FIRST SCHEDULE**  
**THE SECOND SCHEDULE**

# THE WEIGHTS AND MEASURES (INTERNATIONAL SYSTEM) ACT, 1967

<sup>1</sup>Act No. V of 1967

[10th June, 1967]

## An Act to establish standards of weights and measures based on the <sup>2</sup>[International] system.

WHEREAS it is expedient to establish standards of weights and measures based on the <sup>3</sup>[International] system and to provide for matters connected therewith;

It is hereby enacted as follows:—

**1. Short title, extent and commencement.**— This Act may be called the Weights and Measures <sup>3</sup>[International] system] Act, 1967.

(2) It extends to the whole of Pakistan.

(3) It shall come into force on such date as the <sup>4</sup>[Federal Government] may, by notification in the official Gazette, appoint and different dates may be appointed in respect of different provisions of this Act, or for different areas or for different classes of goods or classes of undertakings.

**2. Definitions.**— In this Act, unless there is anything repugnant in the subject or context,—

- (1) “ampere” means that constant current which, flowing in two parallel straight conductors of infinite length, of negligible circular cross section and placed at a distance of one meter from each other in vacuum, produces a force of  $2 \times 10^{-7}$  newtons per meter length between the conductors;
- (2) “Assistant Controller” means an Assistant Controller of Weights and Measures appointed under section 14;
- (3) “candela” means one-sixtieth part of luminous intensity normally emitted by one centimeter square of integral radiator (black body) at the temperature of solidification of platinum;

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<sup>1</sup>For Statement of Objects and Reasons, see Gaz. of P. 1966, Ext. (Dacca), p.213.

The Act has been brought into force with effect from the 1st day of July, 1974, in respect of certain undertaking specified in S.R.O. 893 (I)/74, see, Gaz. of P., 974, Ext.pt. II, pp. 1070-1071.

For such Notifin.enforcing the Act in respect of certain undertaking see Gaz. of p., 1974, Ext.pt. II, pp. 1070-1071 and 1782; *ibid.*, (Islamabad), p.1922; *ibid.*, 1975, Ext. Pt.III., p. 18, *ibid.*, p.841.

<sup>2</sup>Subs. by the Weights and Measures (Metric System) (Amdt.) Act, 1974 (29 of 1974), s.2, for “Metric”.

<sup>3</sup>Subs. *ibid.*, for “Metric”.

<sup>4</sup>Subs. *ibid.*, for “Central Government”.

- (4) “commercial weight or measure” means a weight or measure used or intended to be used in any transactions of trade or commerce;
- (5) “Controller” means the Controller of Weights and Measures appointed under section 14 and includes a Deputy Controller of Weights and Measures and an Assistant Controller of Weights and Measures;
- (6) “Deputy Controller” means a Deputy Controller of Weights and Measures appointed under section 14;
- (7) “First General Conference of Weights and Measures” means the Conference General *des poids et mesures* held at Paris in 1889;
- (8) “Inspector” means an Inspector of Weights and Measures appointed under section 14 and includes an Assistant Inspector of Weights and Measures;
- (9) “International Bureau of Weights and Measures” means the Bureau International des poids et mesures *et Sevres* in France;
- (10) “kilogram” means the mass of the Platinum-irridium cylinder deposited at the International Bureau of Weights and Measures and declared international prototype of the kilogram by the First General Conference of Weights and Measures;
- (11) “liter” is the volume occupied by the mass of one kilogram of pure air free water at the temperature of its maximum density and under normal atmospheric pressure;
- (12) “measuring instrument” includes any instrument for measuring length, area, volume or capacity but does not include a weighing instrument;
- (13) “meter” means the length equal to 1,650,763.73 wave-lengths, in vacuum, of the radiation corresponding to the transition between the 2p and 5d levels of has Krypton atom of mass 86;
- <sup>1</sup>[(13a) “mole” means the amount of substance of a system which contains as many elementary entities as there are atoms in 0.012 Kilograms of carbon 12 ;]
- (14) “normal atmospheric pressure” means the pressure exercised by 1,01, 325 newtons per square meter, a newton being the force which imparts to a mass of one kilogram an acceleration of one meter per second per second;

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<sup>1</sup>Ins. by the Weights and Measures (Metric System) (Amdt.) Act, 1974 (29 of 1974), s.3.

- (15) “prescribed” means prescribed by rules;
- (16) “reference standards” means the sets of weights and measures prepared under section 10;
- (17) “rules” means rules made under this Act;
- <sup>1</sup>[(18) “second” means the duration of 9,192, 631, 770 periods of the radiation corresponding to the transition between the two hyperfine levels of the ground state of the cesium-133 atom;]
- (19) “secondary standard” means the sets of weights and measures prepared under Section 11;
- (20) “stamping” means marking in such manner as to be, so far as practicable, indelible and includes casting, engraving, etching and branding;
- <sup>2</sup>[(20-A) “standard instrument” means the set of weighing instruments and measuring instruments prepared under section 13;]
- (21) “standard measure” means such a standard of measure specified in sub-section (1) of section 8, as does not relate to mass;
- (22) “standard weight” means such a standard of measure specified in sub-section (1) of section 8 as relates to mass;
- (23) “trade”, with its grammatical variations, means any sale, bargain, transaction, dealing or contract and includes collection of tolls and duties;
- (24) “verify”, with its grammatical variations, means verify or reverify in accordance with the provisions of this Act and the rules;
- (25) “weighing instrument” means any instrument for measuring weight and includes scales, with the weights belonging thereto, scalebeams, balances, spring balances, steelyards and other weighing machines;
- <sup>2</sup>[(25A) “working instrument” means the set of weighing instruments and measuring instruments prepared under section 13A;]

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<sup>1</sup>*Subs. by the Weights and Measures (Metric System) (Amdt.) Act, 1974 (29 of 1974), s.3, for cl.18.*

<sup>2</sup>*Ins. by the Weights and Measures (International Systems) (Amdt.) Ordinance, 1978 (16 of 1978), s.2.*