

THE LEGAL METROLOGY ACT, 2009

[Act No. 1 of 2010, dt. 13-1-2010, w.e.f. 1-4-2011]

[As amended by the Jan Vishwas (Amendment of Provisions) Act, 2023 (18 of 2023), dt. 11-8-2023, w.e.f. 1-10-2023]

An Act to establish and enforce standards of weights and measures, regulate trade and commerce in weights, measures and other goods which are sold or distributed by weight, measure or number and for matters connected therewith or incidental thereto.

Be it enacted by Parliament in the Sixtieth Year of the Republic of India as follows:—

CHAPTER I PRELIMINARY

1. Short title, extent and commencement

- (1) This Act may be called the Legal Metrology Act, 2009.
- (2) It extends to the whole of India.
- (3) It shall come into force on such date¹ as the Central Government may, by notification in the Official Gazette, appoint and different dates may be appointed for different provisions of this Act.

COMMENTS

Through a Notification No S.O.210(E), dated January 31, 2011, the Legal Metrology Act will come into force with effect from First April, 2011.

2. Definitions

In this Act, unless the context otherwise requires,—

- (a) "Controller" means the Controller of Legal Metrology appointed under section 14;
- (b) "dealer", in relation to any weight or measure, means a person, who carries on, directly or otherwise, the business of buying, selling, supplying or distributing any such weight or measure, whether for cash or for deferred payment or for commission, remuneration or other valuable consideration, and includes a commission agent, an importer, a manufacturer, who sells, supplies, distributes or otherwise delivers any weight or measure manufactured by him to any person other than a dealer;
- (c) "Director" means the Director of Legal Metrology appointed under section 13;
- (d) "export" with its grammatical variations and cognate expressions, means taking out of India to a place outside India;
- (e) "import" with its grammatical variations and cognate expressions, means bringing into India from a place outside India;
- (f) "label" means any written, marked, stamped, printed or graphic matter affixed to, or appearing upon any pre-packaged commodity;

1 Enforced w.e.f. 1-4-2011 vide SO 210(E), dt. 31-1-2011.

- (g) "Legal Metrology" means that part of metrology which treats units of weightment and measurement, methods of weightment and measurement and weighing and measuring instruments, in relation to the mandatory technical and legal requirements which have the object of ensuring public guarantee from the point of view of security and accuracy of the weighments and measurements;

COMMENTS

Instead of above clumsy definition of "Legal Metrology", we may adopt OIML 2008 definition of Legal Metrology, which is as follows:—

The part of Metrology relating to activities which result from statutory requirements and concern measurement, units of measurement, measuring instruments and methods of measurement and which are performed by competent bodies. If Law Ministry feels then the word "Metrology" may also be defined prior to Legal Metrology.

- (h) "legal metrology officer" means Additional Director, Additional Controller, Joint Director, Joint Controller, Deputy Director, Deputy Controller, Assistant Director, Assistant Controller and Inspector appointed under sections 13 and 14;
- (i) "manufacturer" in relation to any weight or measure, means a person who,—
- (i) manufactures weight or measure,
 - (ii) manufactures one or more parts, and acquires other parts, of such weight or measure and, after assembling those parts, claims the end-product to be a weight or measure manufactured by himself or itself, as the case may be,
 - (iii) does not manufacture any part of such weight or measure but assembles parts thereof manufactured by others and claims the end-product to be a weight or measure manufactured by himself or itself, as the case may be,
 - (iv) puts, or causes to be put, his own mark on any complete weight or measure made or manufactured by any other person and claims such product to be a weight or measure made or manufactured by himself or itself, as the case may be;
- (j) "notification" means a notification published in the Official Gazette;
- (k) "protection" means the utilisation of reading obtained from any weight or measure, for the purpose of determining any step which is required to be taken to safeguard the well-being of any human being or animal, or to protect any commodity, vegetation or thing, whether individually or collectively;

COMMENTS

This definition is vague, to make it concrete words "established by statutory provisions". Otherwise a Metrology Officer may take any thing under protection even without having any statutory provision.

- (l) "pre-packaged commodity" means a commodity which without the purchaser being present is placed in a package of whatever nature, whether sealed or not, so that the product contained therein has a pre-determined quantity;

- (m) "person" includes,—
- (i) a Hindu undivided family,
 - (ii) every department or office,
 - (iii) every organisation established or constituted by Government,
 - (iv) every local authority within the territory of India,
 - (v) a company, firm and association of individuals,
 - (vi) trust constituted under an Act,
 - (vii) every co-operative society, constituted under an Act,
 - (viii) every other society registered under the Societies Registration Act, 1860 (21 of 1860);
- (n) "premises" includes—
- (i) a place where any business, industry, production or transaction is carried on by a person, whether by himself or through an agent, by whatever name called, including the person who carries on the business in such premises,
 - (ii) a warehouse, godown or other place where any weight or measure or other goods are stored or exhibited,
 - (iii) a place where any books of account or other documents pertaining to any trade or transaction are kept,
 - (iv) a dwelling house, if any part thereof is used for the purpose of carrying on any business, industry, production or trade,
 - (v) a vehicle or vessel or any other mobile device, with the help of which any transaction or business is carried on;
- (o) "prescribed" means prescribed by rules made under this Act;
- (p) "repairer" means a person who repairs a weight or measure and includes a person who adjusts, cleans, lubricates or paints any weight or measure or renders any other service to such weight or measure to ensure that such weight or measure conforms to the standards established by or under this Act;
- (q) "State Government", in relation to a Union territory, means the Administrator thereof;
- (r) "sale", with its grammatical variations and cognate expressions, means transfer of property in any weight, measure or other goods by one person to another for cash or for deferred payment or for any other valuable consideration and includes a transfer of any weight, measure or other goods on the hire-purchase system or any other system of payment by instalments, but does not include a mortgage or hypothecation of, or a charge or pledge on, such weight, measure or other goods;
- (s) "seal" means a device or process by which a stamp is made, and includes any wire or other accessory which is used for ensuring the integrity of any stamp;
- (t) "stamp" means a mark, made by impressing, casting, engraving, etching, branding, affixing pre-stressed paper seal or any other process in relation to, any weight or measure with a view to—

- (i) certifying that such weight or measure conforms to the standard specified by or under this Act, or
- (ii) indicating that any mark which was previously made thereon certifying that such weight or measure conforms to the standards specified by or under this Act, has been obliterated;
- (u) transaction" means,—
 - (i) any contract, whether for sale, purchase, exchange or any other purpose, or
 - (ii) any assessment of royalty, toll, duty or other dues, or
 - (iii) the assessment of any work done, wages due or services rendered;
- (v) "verification", with its grammatical variations and cognate expressions, includes, in relation to any weight or measure, the process of comparing, checking, testing or adjusting such weight or measure with a view to ensuring that such weight or measure conforms to the standards established by or under this Act and also includes re-verification and calibration;

COMMENTS

We can include the words "examination" and "stamping".

- (w) "weight or measure" means a weight or measure specified by or under this Act and includes a weighing or measuring instrument.

COMMENTS

For clarity () may be removed where these are parts of definition, otherwise (i) for 1th definition is confused with (i) first part in the definition.

3. Provisions of this Act to override provisions of any other law

The provisions of this Act shall have effect notwithstanding anything inconsistent therewith contained in any enactment other than this Act or in any instrument having effect by virtue of any enactment other than this Act.

CHAPTER II

STANDARD WEIGHTS AND MEASURES

4. Units of weights and measures to be based on metric system

Every unit of weight or measure shall be in accordance with the metric system based on the international system of units.

5. Base unit of weights and measures

(1) The base unit of—

- (i) length shall be the metre;
- (ii) mass shall be the kilogram;
- (iii) time shall be the second;
- (iv) electric current shall be the ampere;
- (v) thermodynamic temperature shall be the kelvin;
- (vi) luminous intensity shall be the candela; and
- (vii) amount of substance shall be the mole.

(2) The specifications of the base units mentioned in sub-section (1), derived units and other units shall be such as may be prescribed.

COMMENTS

As there is no separate class of supplementary units, the words "supplementary units" were deleted at author's advice from the Bill introduced in the Parliament.

6. Base unit of numeration

(1) The base unit of numeration shall be the unit of the international form of Indian numerals.

COMMENTS

International form of Indian numerals is given in Rule 2 of (Numeration) Legal Metrology Rules, 2011.

(2) Every numeration shall be made in accordance with the decimal system.

(3) The decimal multiples and sub-multiples of the numerals shall be of such denominations and be written in such manner as may be prescribed.

7. Standard units of weights and measures

(1) The base units of weights and measures specified in section 5 shall be the standard units of weights and measures.

(2) The base unit of numeration specified in section 6 shall be the standard unit of numeration.

(3) For the purpose of deriving the value of base, derived and other units mentioned in section 5, the Central Government shall prepare or cause to be prepared objects or equipments in such manner as may be prescribed.

(4) The physical characteristics, configuration, constructional details, materials, equipments, performance, tolerances, period of re-verification, methods or procedures of tests shall be such as may be prescribed.

8. Standard weight, measure or numeral

(1) Any weight or measure which conforms to the standard unit of such weight or measure and also conforms to such of the provisions of section 7 as are applicable to it shall be the standard weight or measure.

(2) Any numeral which conforms to the provisions of section 6 shall be the standard numeral.

(3) No weight, measure or numeral, other than the standard weight, measure or numeral, shall be used as a standard weight, measure or numeral.

(4) No weight or measure, shall be manufactured or imported unless it conforms to the standards of weight or measure specified under section 8:

PROVIDED that provisions of this section shall not apply for manufacture done exclusively for export or for the purpose of any scientific investigation or research.

9. Reference, secondary and working standard

(1) The reference standards, secondary standards and working standards of weights and measures shall be such as may be prescribed.

(2) Every reference standard, secondary standard and working standard shall be verified and stamped in such manner and after payment of such fee as may be prescribed.

(3) Every reference standard, secondary standard and working standard which is not verified and stamped in accordance with the provisions of sub-section (2) shall not be deemed to be a valid standard.

10. Use of weight or measure for particular purposes

Any transaction, dealing or contract in respect of any goods, class of goods or undertakings shall be made by such weight, measure or number as may be prescribed.

11. Prohibition of quotation, etc., otherwise than in terms of standard units of weight, measure or numeration

(1) No person shall, in relation to any goods, things or service,—

- (a) quote, or make announcement of, whether by word of mouth or otherwise, any price or charge; or
- (b) issue or exhibit any price list, invoice, cash memo or other document; or
- (c) prepare or publish any advertisement, poster or other document; or
- (d) indicate the net quantity of a pre-packaged commodity; or
- (e) express in relation to any transaction or protection, any quantity or dimension, otherwise than in accordance with the standard unit of weight, measure or numeration.

(2) The provisions of sub-section (1) shall not be applicable for export of any goods, things or service.

COMMENTS

“things” should be replaced by “thing”.

12. Any custom, usage, etc., contrary to standard weight, measure or numeration to be void

Any custom, usage, practice or method of whatever nature which permits a person to demand, receive or cause to be demanded or received, any quantity of article, thing or service in excess of or less than, the quantity specified by weight, measure or number in the contract or other agreement in relation to the said article, thing or service, shall be void.

CHAPTER III**APPOINTMENT AND POWERS OF DIRECTOR, CONTROLLER
AND LEGAL METROLOGY OFFICERS****13. Appointment of Director, legal metrology officers and other employees**

(1) The Central Government may, by notification, appoint a Director of legal metrology, Additional Director, Joint Director, Deputy Director, Assistant Director and other employees for exercising the powers and discharging the duties conferred or imposed on them by or under this Act in relation to inter-State trade and commerce.

(2) The qualifications of the Director and legal metrology officers appointed under sub-section (1) shall be such as may be prescribed.

(3) The Director and every legal metrology officer, appointed under sub-section (1), shall exercise such powers and discharge such functions in respect of such local limits as the Central Government may, by notification, specify.

(4) Every legal metrology officer appointed under sub-section (1) shall exercise powers and discharge duties under the general superintendence, direction and control of the Director.

(5) The Director, the Controller and every legal metrology officer authorised to perform any duty by or under this Act shall be deemed to be a public servant within the meaning of section 21 of the Indian Penal Code (45 of 1860).

(6) No suit, prosecution or other legal proceeding shall lie against the Director, the Controller and legal metrology officer authorised to perform any duty by or under this Act in respect of anything which is in good faith done or intended to be done under this Act or any rule or order made thereunder.

(7) The Central Government may, with the consent of the State Government and subject to such conditions, limitations and restrictions as it may specify in this behalf, delegate such of the powers of the Director under this Act as it may think fit to the Controller of legal metrology in the State, and such Controller may, if he is of opinion that it is necessary or expedient in the public interest so to do, delegate such of the powers delegated to him as he may think fit to any legal metrology officer and where any such delegation of powers is made by such Controller, the person to whom such powers are delegated shall exercise those powers in the same manner and with the same effect as if they had been conferred on him directly by this Act and not by way of delegation.

(8) Where any delegation of powers is made under sub-section (7), the powers so delegated shall be exercised under the general superintendence, direction and guidance of the Director.

COMMENT

The Central Government, with the consent of the State Government, hereby delegates all the powers exercisable by the Director in relation to inter-State trade and commerce relating to the provisions of sections 18, 27, 28, 29, 30, 33, 34, 35 and 36 of the said Act and rule 32 of the Legal Metrology (Packaged Commodities) Rules, 2011 to the Controller in the States of Jharkhand, Punjab and Uttarakhand subject to the condition that a quarterly report of the action taken under the said provisions, including the number of cases booked, compounded, prosecuted and convicted, shall be sent to the Director.

14. Appointment of Controller, legal metrology officers and other employees

(1) The State Government may, by notification, appoint a Controller of legal metrology, Additional Controller, Joint Controller, Deputy Controller, Assistant Controller, Inspector and other employees for the State for exercising the powers and discharging the duties conferred or imposed on them by or under this Act in relation to intra-State trade and commerce.

(2) The qualifications of the Controller and legal metrology officers appointed under sub-section (1) shall be such as may be prescribed.

(3) The Controller and every legal metrology officer, appointed under sub-section (1), shall exercise such powers and discharge such functions in respect of such local limits as the State Government may, by notification, specify.

(4) Every legal metrology officer appointed under sub-section (1) shall exercise and discharge the duties under the general superintendence, direction and control of the Controller.

15. Power of inspection, seizure, etc.

(1) The Director, Controller or any legal metrology officer may, if he has any reason to believe, whether from any information given to him by any person and taken down in writing or from personal knowledge or otherwise, that any weight or measure or other goods in relation to which any trade and commerce has taken place or is intended to take place and in respect of which an offence punishable under this Act appears to have been, or is likely to be, committed are either kept or concealed in any premises or are in the course of transportation,—

- (a) enter at any reasonable time into any such premises and search for and inspect any weight, measure or other goods in relation to which trade and commerce has taken place, or is intended to take place and any record, register or other document relating thereto;
- (b) seize any weight, measure or other goods and any record, register or other document or article which he has reason to believe may furnish evidence indicating that an offence punishable under this Act has been, or is likely to be, committed in the course of, or in relation to, any trade and commerce.

(2) The Director, Controller or any legal metrology officer may also require the production of every document or other record relating to the weight or measure referred to in sub-section (1) and the person having the custody of such weight or measure shall comply with such requisition.

(3) Where any goods seized under sub-section (1) are subject to speedy or natural decay, the Director, Controller or legal metrology officer may dispose of such goods in such manner as may be prescribed.

(4) Every search or seizure made under this section shall be carried out in accordance with the provisions of the Code of Criminal Procedure, 1973 (2 of 1974), relating to searches and seizures.

16. Forfeiture

(1) Every non-standard or unverified weight or measure, and every package made in contravention of section 18, used in the course of, or in relation to, any trade and commerce and seized under section 15, shall be liable to be forfeited to the State Government:

PROVIDED that such unverified weight or measure shall not be forfeited to the State Government if the person from whom such weight or measure was seized gets the same verified and stamped within such time as may be prescribed.

(2) Every weight, measure or other goods seized under section 15 but not forfeited under sub-section (1), shall be disposed of by such authority and in such manner as may be prescribed.

17. Manufacturers, etc., to maintain records and registers

(1) Every manufacturer, repairer or dealer of weight or measure shall maintain such records and registers as may be prescribed.

(2) The records and registers maintained under sub-section (1) shall be produced at the time of inspection to the persons authorised for the said purpose under sub-section (1) of section 15.

18. Declarations on pre-packaged commodities

(1) No person shall manufacture, pack, sell, import, distribute, deliver, offer, expose or possess for sale any pre-packaged commodity unless such package is in such standard quantities or number and bears thereon such declarations and particulars in such manner as may be prescribed.

(2) Any advertisement mentioning the retail sale price of a pre-packaged commodity shall contain a declaration as to the net quantity or number of the commodity contained in the package in such form and manner as may be prescribed.

19. Registration for importer of weight or measure

No person shall import any weight or measure unless he is registered with the Director in such manner and on payment of such fees, as may be prescribed.

20. Non-standard weights and measures not to be imported

No weight or measure, whether singly or as a part or component of any machine shall be imported unless it conforms to the standards of weight or measure established by or under this Act.

COMMENTS

The prohibition of import of non-standard weight or measure used as components in heavy machinery may cause problem to the industry.

21. Training in Legal Metrology

(1) For imparting training in Legal Metrology and other allied branches of knowledge the "Indian Institute of Legal Metrology" (hereinafter referred to as the "Institute") established under the provisions of the Standards of Weights and Measures Act, 1976 (60 of 1976), shall be deemed to have been established under the corresponding provisions of this Act.

(2) The management and control of the Institute, the teaching staff and other employees, the courses and curricula for training thereat, the qualifications, which a person shall possess in order to be eligible for admission thereto shall be such as may be prescribed.

22. Approval of Model

Every person, before manufacturing or importing any weight or measure shall seek the approval of model of such weight or measure in such manner, on payment of such fee and from such authority as may be prescribed:

PROVIDED that such approval of model may not be required in respect of any cast iron, brass, bullion, or carat weight or any beam scale, length measures (not being measuring tapes) which are ordinarily used in retail trade for measuring textiles or timber, capacity measures, not exceeding twenty litres in capacity, which are ordinarily used in retail trade for measuring kerosene, milk or potable liquors:

PROVIDED FURTHER that the prescribed authority may, if he is satisfied that the model of any weight or measure which has been approved in a country outside India conforms to the standards established by or under this Act, approve such model without any test or after such test as he may deem fit.

23. Prohibition on manufacture, repair or sale of weight or measure without licence

(1) No person shall manufacture, repair or sell, or offer, expose or possess for repair or sale, any weight or measure unless he holds a licence issued by the Controller under sub-section (2):

PROVIDED that no licence to repair shall be required by a manufacturer for repair of his own weight or measure in a State other than the State of manufacture of the same.

(2) For the purpose of sub-section (1), the Controller shall issue a licence in such form and manner, on such conditions, for such period and such area of jurisdiction and on payment of such fee as may be prescribed.

CHAPTER IV

VERIFICATION AND STAMPING OF WEIGHT OR MEASURE

24. Verification and stamping of weight or measure

- (1) Every person having any weight or measure in his possession, custody or control in circumstances indicating that such weight or measure is being, or is intended or is likely to be, used by him in any transaction or for protection, shall, before putting such weight or measure into such use, have such weight or measure verified at such place and during such hours as the Controller may, by general or special order, specify in this behalf, on payment of such fees as may be prescribed.
- (2) The Central Government may prescribe the kinds of weights and measures for which the verification is to be done through the Government approved Test Centre.
- (3) The Government approved Test Centre shall be notified by the Central Government or the State Government, as the case may be, in such manner, on such terms and conditions and on payment of such fee as may be prescribed.
- (4) The Government approved Test Centre shall appoint or engage persons having such qualifications and experience and collect such fee on such terms and conditions for the verification of weights and measures specified under sub-section (2) as may be prescribed.

COMMENTS

1. India being a Republic, the subject of weights and measures was divided into two parts. Establishment of standards of weight and measure has been the responsibility of the Central Government and enforcement of laws on weights and measures was a State subject. Since the date of introduction of metric system in India (December, 1956), the Officers of Legal Metrology Departments of every State are carrying the verification of certain weights and measures like weights, capacity measures, beam scales, weigh-bridges up to certain capacity, petrol dispensing pumps and host of other items used in trade and commerce. No safeguard has been kept in section 24 to ensure that the Central Government will not be able to include the existing weights and measures being verified by the State Departments of Legal Metrology in the list of weights and measures to be verified by the approved centres. This apprehension is not purely imaginary. It is a well known fact that the Departments of Legal Metrology of each State is revenue earning, i.e. total amount of fee realised through verification is more than the expenditure incurred on the department. This shows that verification of weight or measure is really a profitable business which every body will like to undertake. Many people will become interested to become government approved centre.

2. Each State has been verifying the commercial weights and measures for the last 54 years. This arrangement should continue in future also, which is necessary to keep the federal structure of our country.

3. The power of selecting the kind of weight or measure, which the State is going to get verified through its Legal Metrology Department and which through a Government approved Centre should be vested with the States.

The State Governments are in better position—

- I. To decide as to which new weight or measure should be selected on priority for verification and which is not, and
- II. To know as to which particular private organisation is able to do the job better.

So the power of selecting the new weight or measure to be taken for verification and the private agency should do the job should be vested with the State Government.

In sub-section (4), the power of prescribing and collecting the fee from the government approved centres is of the Central Government which again is in contravention of the spirit of the Constitution of India. Hence, prescribing and collection of the fee should be left to the State Governments.

All such private test centres should be under complete control of the respective State Governments.

By doing so the Central Government is not being isolated from the process of selection of new weight or measure or the private agency, as an excellent arrangement already exists where the Central Government can advise the States in such matter in an effective manner. The name of the platform is yearly Controllers Conference. Every year a Conference of Controllers is held by the Central Government, which is presided by the Secretary in charge of the Department under which the Directorate of Legal Metrology is working.

There the Centre may suggest—

- I about the new weight or measure, which should be taken for verification
- II the names of private organisations which can do the job.
- III the fees on such weight and measure to be collected by the government approved centres.
- IV the fee to be levied for recognising these centres or any other matter which the Central Government may think necessary.

This decision will be a collective decision and binding to all State Governments. This goes very well with the spirit of our Constitution.

Moreover, the Central Government should then help the State to—

- I formulate the specification of new weight or measure,
- II identify the equipment needed,
- III impart the proper training and
- IV arrange finances needed for the purpose.

CHAPTER V

OFFENCES AND PENALTIES

25. Penalty for use of non-standard weight or measure

Whoever uses or keeps for use any weight or measure or makes use of any numeration otherwise than in accordance with the standards of weight or measure or the standard of numeration, as the case may be, specified by or under this Act, shall be punished with fine which may extend to ¹[one lakh rupees and for the second offence with fine which may extend to two lakh rupees and for the third and subsequent offence, with fine which may extend to five lakh rupees].

26. Penalty for alteration of weight and measure

Whoever tampers with, or alters in any way, any reference standard, secondary standard or working standard or increases or decreases or alters any weight or measure with a view to deceiving any person or knowing or having reason to believe that any person is likely to be deceived thereby, except where such alteration is made for the correction of any error noticed therein on verification, shall be punished with fine which may extend to fifty thousand rupees and for the second and subsequent offence with imprisonment for a term which shall not be less than six months but which may extend to one year or with fine or with both.

27. Penalty for manufacture or sale of non-standard weight or measure

Every person who manufactures or causes to be manufactured or sells or offers, exposes or possesses for sale, any weight or measure which,—

- (a) does not conform to the standards of weight or measure specified by or under this Act; or
- (b) which bears thereon any inscription of weight, measure or number which does not conform to the standards of weight, measure or numeration specified by or under this Act,

1. Substituted for "twenty-five thousand rupees and for the second or subsequent offence, with imprisonment for a term which may extend to six months and also with fine" by the Jan Vishwas (Amendment of Provisions) Act, 2023 (18 of 2023), dt. 11-8-2023, w.e.f. 1-10-2023.

except where he is permitted to do so under this Act, shall be punished with a fine which may extend to ¹[one lakh rupees and for the second offence with fine which may extend to two lakh rupees and for the third and subsequent offence, with fine which may extend to four lakh rupees]

28. Penalty for making any transaction, deal or contract in contravention of the prescribed standards

Whoever makes any transaction, deal or contract in contravention of the standards of weights and measures specified under section 10 shall be punished with fine which may extend to ²[fifty thousand rupees and for the second offence with fine which may extend to one lakh rupees and for the third and subsequent offence with fine which may extend to two lakh rupees].

29. Penalty for quoting or publishing, etc., of non-standard units

Whoever violates section 11 shall be punished with fine which may extend to ²[fifty thousand rupees for the second offence with fine which may extend to one lakh rupees and for the third and subsequent offence with a fine which may extend to two lakh rupees].

30. Penalty for transactions in contravention of standard weight or measure

Whoever—

- (a) in selling any article or thing by weight, measure or number, delivers or causes to be delivered to the purchaser any quantity or number of that article or thing less than the quantity or number contracted for or paid for; or
- (b) in rendering any service by weight, measure or number, renders that service less than the service contracted for or paid for; or
- (c) in buying any article or thing by weight, measure or number, fraudulently receives, or causes to be received any quantity or number of that article or thing in excess of the quantity or number contracted for or paid for; or
- (d) in obtaining any service by weight, measure or number, obtains that service in excess of the service contracted for or paid for,

shall be punished with fine which may extend to ten thousand rupees, and, for the second or subsequent offence, with imprisonment for a term which may extend to one year, or with fine, or with both.

31. Penalty for non-production of documents, etc.

Whoever, being required by or under this Act or the rules made thereunder to submit returns, maintain any record or register, or being required by the Director or the Controller or any legal metrology officer to produce before him for inspection any weight or measure or any document, register or other record relating thereto, omits or fails without any reasonable excuse, so to do, shall be punished with fine which may extend to ³[twenty-five thousand rupees and for the second offence with fine which may extend to fifty thousand rupees and for the third and subsequent offence, with fine which may extend to one lakh rupees].

1. Substituted for "twenty thousand rupees and for the second or subsequent offence with imprisonment for a term which may extend to three years or with fine or with both" by the Jan Vishwas (Amendment of Provisions) Act, 2023 (18 of 2023), dt. 11-8-2023, w.e.f. 1-10-2023.
2. Substituted for "ten thousand rupees and for the second or subsequent offence, with imprisonment for a term which may extend to one year, or with fine, or with both", *ibid*
3. Substituted for "five thousand rupees and for the second or subsequent offence, with imprisonment for a term which may extend to one year and also with fine", *ibid*.

32. Penalty for failure to get model approved

Whoever fails or omits to submit model of any weight or measure for approval, shall be punished with fine which may extend to twenty thousand rupees and for the second or subsequent offence, with imprisonment for a term which may extend to one year and also with fine.

33. Penalty for use of unverified weight or measure

Whoever, sells, distributes, delivers or otherwise transfers or uses any unverified weight or measure shall be punished with fine which shall not be less than two thousand rupees but which may extend to ten thousand rupees and, for the second or subsequent offence, with imprisonment for a term which may extend to one year and also with fine.

34. Penalty for sale or delivery of commodities, etc., by non-standard weight or measure

Whoever sells, or causes to be sold, delivers, or causes to be delivered, any commodity, article or thing by any means other than the standard weight or measure or number, shall be punished with ¹[fine which may extend to twenty-five thousand rupees and for the second offence with fine which may extend to fifty thousand rupees and for the third and subsequent offence, with fine which may extend to one lakh rupees].

35. Penalty for rendering services by non-standard weight, measure or number

Whoever renders or causes to be rendered, any service through means other than the weight or measure or numeration or in terms of any weight, measure or number other than the standard weight or measure, shall be punished with ²[fine which may extend to twenty-five thousand rupees and for the second offence with fine which may extend to fifty thousand rupees and for the third and subsequent offence, with fine which may extend to one lakh rupees].

36. Penalty for selling, etc., of non-standard packages

(1) Whoever manufactures, packs, imports, sells, distributes, delivers or otherwise transfers, offers, exposes or possesses for sale, or causes to be sold, distributed, delivered or otherwise transferred, offered, exposed for sale any pre-packaged commodity which does not conform to the declarations on the package as provided in this Act, shall be punished with fine which may extend to twenty-five thousand rupees, for the second offence, with fine which may extend to fifty thousand rupees and for the subsequent offence, with fine which shall not be less than fifty thousand rupees but which may extend to one lakh rupees or with imprisonment for a term which may extend to one year or with both.

(2) Whoever manufactures or packs or imports or causes to be manufactured or packed or imported, any pre-packaged commodity, with error in net quantity as may be prescribed shall be punished with fine which shall not be less than ten thousand rupees but which may extend to fifty thousand rupees and for the second and subsequent offence, with fine which may extend to one lakh rupees or with imprisonment for a term which may extend to one year or with both.

1 Substituted for "fine which shall not be less than two thousand rupees but which may extend to five thousand rupees and, for the second or subsequent offence, with imprisonment for a term which shall not be less than three months but which may extend to one year, or with fine, or with both" by the Jan Vishwas (Amendment of Provisions) Act, 2023 (18 of 2023), dt. 11-8-2023, w.e.f. 1-10-2023.

2 Substituted for "fine which shall not be less than two thousand rupees but which may extend to five thousand rupees and for the second or subsequent offence, with imprisonment for a term which shall not be less than three months but which may extend to one year, or with fine, or with both", *ibid*.

37. Penalty for contravention by Government approved Test Centre

(1) Where any Government approved Test Centre contravenes any of the provisions of this Act or the rules made thereunder, or the conditions of the licence, it shall be punished with fine which may extend to one lakh rupees.

(2) Where any owner or employee of a Government Approved Test Centre performing duties in accordance with the provisions of this Act or the rules made thereunder, wilfully verifies or stamps any weight or measure in contravention of the provisions of this Act or the rules made thereunder, he shall, for every such contravention, be punishable with imprisonment for a term which may extend to one year or with fine which may extend to ten thousand rupees or with both.

38. Penalty for non-registration by importer of weight or measure

Whoever imports any weight or measure without being registered under this Act shall be punished with fine which may extend to twenty-five thousand rupees and for the second or subsequent offence, with imprisonment for a term which may extend to six months, or with fine, or with both.

39. Penalty for import of non-standard weight or measure

Whoever imports any non-standard weight or measure shall be punished with fine, which may extend to fifty thousand rupees and for the second or subsequent offence, with imprisonment for a term which may extend to one year and also with fine.

40. Penalty for obstructing Director, Controller or legal metrology officer

Whoever obstructs the Director, the Controller or any legal metrology officer with intent to prevent or deter the Director or the Controller or any legal metrology officer from exercising his powers or discharging his functions, or in consequence of anything done or attempted to be done by the Director or the Controller or any legal metrology officer in the lawful exercise of his powers or discharge of his functions as such, or whoever obstructs the entry of the Director or the Controller or any legal metrology officer into any premises for inspection and verification of any weight or measure or any document or record relating thereto or the net contents of any packaged commodity or for any other purpose shall be punished with imprisonment for a term which may extend to two years and for the second or subsequent offence, with imprisonment for a term which may extend to five years.

41. Penalty for giving false information or false return

(1) Whoever gives any information to the Director, the Controller or any legal metrology officer, which he may require or ask for in the course of his duty, and which such person either knows or has reason to believe to be false, shall be punished with fine which may extend to five thousand rupees and for the second or subsequent offence with imprisonment for a term which may extend to six months and also with fine.

(2) Whoever, being required by or under this Act so to do, submits a return or maintains any record or register which is false in material particulars, shall be punished with fine which may extend to five thousand rupees and for the second or subsequent offence, with imprisonment for a term which may extend to one year and also with fine.

42. Vexatious search

The Director, the Controller or any legal metrology officer, exercising powers under this Act or any rule made thereunder, who knows that there are no reasonable grounds for so doing, and yet—

- (a) searches, or causes to be searched, any house, conveyance or place; or
- (b) searches any person; or
- (c) seizes any weight, measure or other movable property,

shall, for every such offence, be punished with imprisonment for a term which may extend to one year, or with fine which may extend to ten thousand rupees or with both.

43. Penalty for verification in contravention of Act and rules

Where the Controller or any legal metrology officer exercising powers under this Act or any rule made thereunder, wilfully verifies or stamps any weight or measure, in contravention of the provisions of this Act or of any rule made thereunder, he shall, for every such offence, be punished with imprisonment for a term which may extend to one year, or with fine which may extend to ten thousand rupees or with both.

44. Penalty for counterfeiting of seals, etc.

(1) Whoever—

- (i) counterfeits any seal specified by or under this Act or the rules made thereunder; or
- (ii) sells or otherwise disposes of any counterfeit seal; or
- (iii) possesses any counterfeit seal; or
- (iv) counterfeits or removes or tampers with any stamp, specified by or under this Act or rules made thereunder; or
- (v) affixes the stamp so removed on, or inserts the same into, any other weight or measure,

shall be punished with imprisonment for a term which shall not be less than six months but which may extend to one year and for the second or subsequent offence, with imprisonment for a term which shall not be less than six months but which may extend to five years.

Explanation : In this sub-section, "counterfeit" shall have the meaning assigned to it in section 28 of the Indian Penal Code (45 of 1860).

(2) Whoever obtains, by unlawful means, any seal specified by or under this Act or the rules made thereunder and uses, or causes to be used, any such seal for making any stamp on any weight or measure with a view to representing that the stamp made by such seal is authorised by or under this Act or the rules made thereunder shall be punished with imprisonment for a term which shall not be less than six months but which may extend to one year and for the second or subsequent offence, with imprisonment for a term which shall not be less than six months but which may extend to five years.

(3) Whoever, being in lawful possession of a seal specified by or under this Act or the rules made thereunder, uses, or causes to be used, such seal without any lawful authority for such use, shall be punished with imprisonment for a term which shall not be less than six months but which may extend to one year and for the second or subsequent offence, with imprisonment for a term which shall not be less than six months but which may extend to five years.

(4) Whoever sells or offers or exposes for sale or otherwise disposes of any weight or measure which, he knows or has reason to believe, bears thereon a counterfeit stamp, shall be punished with imprisonment for a term which shall not be less than six months but which may extend to one year and for the second or subsequent offence, with

imprisonment for a term which shall not be less than six months but which may extend to five years.

45. Penalty for manufacture of weight and measure without licence

Whoever, being required to obtain a licence under this Act or the rules made thereunder, manufactures, without being in possession of a valid licence, any weight or measure, shall be punished with fine which may extend to twenty thousand rupees and for the second or subsequent offence, with imprisonment for a term which may extend to one year, or with fine, or with both.

46. Penalty for repair, sale, etc., of weight and measure without licence

Whoever, being required to obtain a licence under this Act or the rules made thereunder repairs or sells or offers, exposes or possesses for repair or sale, any weight or measure, without being in possession of a valid licence, shall be punished with fine which may extend to five thousand rupees and for the second or subsequent offence, with imprisonment for a term which may extend to one year, or with fine, or with both.

47. Penalty for tampering with licence

Whoever alters or otherwise tampers, with any licence issued or renewed under this Act or rules made thereunder, otherwise than in accordance with any authorisation made by the Controller in this behalf, shall be punished with fine which may extend to twenty thousand rupees, or with imprisonment for a term which may extend to one year or with both.

48. Compounding of offences

(1) Any offence punishable under section 25, ¹[sections 27 to 39, section 41,] sections 45 to 47, or any rule made under sub-section (3) of section 52 may, either before or after the institution of the prosecution, be compounded, on payment for credit to the Government of such sum as may be prescribed.

(2) The Director or legal metrology officer as may be specially authorised by him in this behalf, may compound offences punishable under section 25, ¹[sections 27 to 39, section 41], or any rule made under sub-section (3) of section 52.

(3) The Controller or legal metrology officer specially authorised by him, may compound offences punishable under section 25, sections 27 to 31, sections 33 to 37, ²[section 41,] sections 45 to 47, and any rule made under sub-section (3) of section 52:

PROVIDED that such sum shall not, in any case, exceed the maximum amount of the fine, which may be imposed under this Act for the offence so compounded.

(4) Nothing in sub-section (1) shall apply to person who commits the same or similar offence, within a period of three years from the date on which the first offence, committed by him, was compounded.

Explanation : For the purposes of this sub-section, any second or subsequent offence committed after the expiry of a period of three years from the date on which the offence was previously compounded, shall be deemed to be a first offence.

(5) Where an offence has been compounded under sub-section (1), no proceeding or further proceeding, as the case may be, shall be taken against the offender in respect of the offence so compounded.

1 Substituted for "sections 27 to 39" by the Jan Vishwas (Amendment of Provisions) Act, 2023 (18 of 2023), dt. 11-8-2023, w.e.f. 1-10-2023.

2 Inserted, *ibid*.

(6) No offence under this Act shall be compounded except as provided by this section.

49. Offences by companies and power of court to publish name, place of business, etc., for companies convicted

(1) Where an offence under this Act has been committed by a company,—

- (a) (i) the person, if any, who has been nominated under sub-section (2) to be in charge of, and responsible to, the company for the conduct of the business of the company (hereinafter in this section referred to as a person responsible); or
- (ii) where no person has been nominated, every person who at the time the offence was committed was in charge of, and was responsible to, the company for the conduct of the business of the company; and
- (b) the company,

shall be deemed to be guilty of the offence and shall be liable to be proceeded against and punished accordingly:

PROVIDED that nothing contained in this sub-section shall render any such person liable to any punishment provided in this Act if he proves that the offence was committed without his knowledge and that he exercised all due diligence to prevent the commission of such offence.

(2) Any company may, by order in writing, authorise any of its directors to exercise all such powers and take all such steps as may be necessary or expedient to prevent the commission by the company of any offence under this Act and may give notice to the Director or the concerned Controller or any legal metrology officer authorised in this behalf by such Controller (hereinafter in this section referred to as the authorised officer) in such form and in such manner as may be prescribed, that it has nominated such director as the person responsible, along with the written consent of such director for being so nominated.

Explanation : Where a company has different establishments or branches or different units in any establishment or branch, different persons may be nominated under this sub-section in relation to different establishments or branches or units and the person nominated in relation to any establishment, branch or unit shall be deemed to be the person responsible in respect of such establishment, branch or unit.

(3) The person nominated under sub-section (2) shall, until—

- (i) further notice cancelling such nomination is received from the company by the Director or the concerned Controller or the authorised officer; or
- (ii) he ceases to be a director of the company; or
- (iii) he makes a request in writing to the Director or the concerned Controller or the legal metrology officer under intimation to the company, to cancel the nomination, which request shall be complied with by the Director or the concerned Controller or the legal metrology officer,

whichever is the earliest, continue to be the person responsible:

PROVIDED that where such person ceases to be a director of the company, he shall intimate the fact of such cessation to the Director or the concerned Controller or the authorised officer:

PROVIDED FURTHER that where such person makes a request under clause (iii) the Director or the concerned Controller or the authorised officer shall not cancel such nomination with effect from a date earlier than the date on which the request is made.

(4) Notwithstanding anything contained in the foregoing sub-sections, where an offence under this Act has been committed by a company and it is proved that the offence has been committed with the consent or connivance of, or is attributable to the neglect on the part of, any director, manager, secretary or other officer, not being a person nominated under sub-section (2), such director, manager, secretary or other officer shall also be deemed to be guilty of that offence and shall be liable to be proceeded against and punished accordingly.

(5) Where any company is convicted under this Act for contravention of any of the provisions thereof, it shall be competent for the court convicting the company to cause the name and place of business of the company, nature of the contravention, the fact that the company has been so convicted and such other particulars as the court may consider to be appropriate in the circumstances of the case, to be published at the expense of the company in such newspaper or in such other manner as the court may direct.

(6) No publication under sub-section (5) shall be made until the period for preferring an appeal against the orders of the court has expired without any appeal having been preferred, or such an appeal, having been preferred, has been disposed of.

(7) The expenses of any publication under sub-section (5) shall be recoverable from the company as if it were a fine imposed by the court.

Explanation : For the purposes of this section,—

- (a) "company" means any body corporate and includes a firm or other association of individuals; and
- (b) "director", in relation to a firm, means a partner in the firm but excludes nominated directors, honorary directors, Government nominated directors.

50. Appeals

(1) Subject to the provisions of sub-section (2), an appeal shall lie,—

- (a) from every decision or order under sections 15 to 20, section 22, section 25, sections 27 to 39, section 41 or any rule made under sub-section (3) of section 52 by the legal metrology officer appointed under section 13, to the Director;
- (b) from every decision or order made by the Director of Legal Metrology under sections 15 to 20, section 22, section 25, sections 27 to 39, section 41 or any rule made under sub-section (3) of section 52, to the Central Government or any officer specially authorised in this behalf by that Government;
- (c) from every decision given by the Controller of Legal Metrology under delegated powers of Director Legal Metrology to the Central Government;
- (d) from every decision given or order made under sections 15 to 18, sections 23 to 25, sections 27 to 37, sections 45 to 47 or any rule made under sub-section (3) of section 52 by any legal metrology officer appointed under section 14, to the Controller; and
- (e) from every decision given or order made by the Controller under sections 15 to 18, sections 23 to 25, sections 27 to 37, sections 45 to 47 or any rule

made under sub-section (3) of section 52 not being an order made in appeal under clause (d), to the State Government or any officer specially authorised in this behalf by that Government.

(2) Every such appeal shall be preferred within sixty days from the date on which the impugned order was made:

PROVIDED that the appellate authority may, if it is satisfied that the appellant was prevented by sufficient cause from preferring the appeal within the said period of sixty days, permit the appellant to prefer the appeal within a further period of sixty days.

(3) On receipt of any such appeal, the appellate authority shall, after giving the parties to the appeal, a reasonable opportunity of being heard and after making such inquiry as it deems proper, make such order, as it may think fit, confirming, modifying or reversing the decision or order appealed against or may send back the case with such direction as it may think fit for a fresh decision or order after taking additional evidence, if necessary.

(4) Every appeal shall be preferred on payment of such fees, as may be prescribed.

(5) The Central Government or the State Government, as the case may be, may on its own motion or otherwise, call for and examine the record of any proceeding including a proceeding in appeal in which any decision or order has been made, for the purpose of satisfying itself as to the correctness, legality or propriety of such decision or order and may pass such orders thereon as it may think fit:

PROVIDED that no decision or order shall be varied under this sub-section so as to prejudicially affect any person unless such person has been given a reasonable opportunity of showing cause against the proposed action.

51. Provisions of Indian Penal Code and Code of Criminal Procedure not to apply

The provisions of the Indian Penal Code (45 of 1860) and section 153 of the Code of Criminal Procedure, 1973 (2 of 1974) insofar as such provisions relate to offences with regard to weight or measure, shall not apply to any offence which is punishable under this Act.

52. Power of the Central Government to make rules

(1) The Central Government may, by notification, make rules for carrying out the provisions of this Act.

(2) In particular, and without prejudice to the generality of the foregoing power, such rules may provide for all or any of the following matters, namely:—

- (a) the specification of the base units of measures and base unit of mass under sub-section (2) of section 5;
- (b) the manner of preparation of objects and equipments under sub-section (3) of section 7;
- (c) physical characteristics, configuration, constructional details, materials, equipment, performance, tolerances, period of re-verification, methods or procedures of tests under sub-section (4) of section 7;
- (d) reference standards, secondary standards and working standards of weights and measures under sub-section (1) of section 9;
- (e) reference standards, secondary standards and working standards shall be verified and stamped and the fee under sub-section (2) of section 9;

- (f) the weight or measure or number in which any transaction, dealing, or contract in respect of any goods, class of goods or undertakings shall be made under section 10;
- (g) the qualifications of the Director and legal metrology officers under sub-section (2) of section 13;
- (h) the qualification of the Controller and legal metrology officers under sub-section (2) of section 14;
- (i) the manner of disposal of goods under sub-section (3) of section 15;
- (j) the standard quantities or number and the manner in which the packages shall bear the declarations and the particulars under sub-section (1) of section 18;
- (k) the manner and registration and the fee under section 19;
- (l) the management and control of the Institute, the teaching staff and other employees, the courses and curricula for training thereat, the qualifications, which a person shall possess in order to be eligible for admission thereto under sub-section (2) of section 21;
- (m) the manner, fee and authority for approval of models under section 22;
- (n) the kinds of weights or measures under sub-section (2) of section 24;
- (o) the manner in which, terms and conditions on which and fee on payment which the Central Government shall notify the Government approved Test Centre under sub-section (3) of section 24;
- (p) the qualifications and experience of persons appointed or engaged and the fee and terms and conditions on which Government approved Test Centre shall verify the weight or measure under sub-section (4) of section 24;
- (q) the error in net quantity under sub-section (2) of section 36;
- (r) fee for compounding of offence under sub-section (1) of section 48;
- (s) form and manner in which notice to the Director or the Controller or any other officer authorised by him shall be given under sub-section (2) of section 49.

(3) In making any rule under this section, the Central Government may provide that a breach thereof shall be punishable with fine which may extend to five thousand rupees.

(4) Every rule made by the Central Government under this Act shall be laid, as soon as may be after it is made, before each House of Parliament, while it is in session, for a total period of thirty days which may be comprised in one session or in two or more successive sessions, and if, before the expiry of the session immediately following the session or the successive sessions aforesaid, both Houses agree in making any modification in the rule or both Houses agree that the rule should not be made, the rule shall thereafter have effect only in such modified form or be of no effect, as the case may be; so, however, that any such modification or annulment shall be without prejudice to the validity of anything previously done under that rule.

53. Power of State Government to make rules

(1) The State Government may, by notification, and after consultation with the Central Government, make rules to carry out the provisions of this Act.

(2) In particular and without prejudice to the generality of the foregoing power, such rules may provide for all or any of the following matters, namely:—

- (a) the time within which the weight or measure may be got verified under proviso to sub-section (1) of section 16;
- (b) registers and records to be maintained by persons referred to under sub-section (1) of section 17;
- (c) the form, manner, conditions, period, area of jurisdiction and fees for issuance of licence under sub-section (2) of section 23;
- (d) fee for verification and stamping of any weight or measure under sub-section (1) of section 24;
- (e) manner of notifying Government approved Test Centre, terms and conditions and fee to be paid under sub-section (3) of section 24;
- (f) fee for compounding of offences under sub-section (1) of section 48.

(3) In making any rule under this section, the State Government may provide that a breach thereof shall be punishable with fine which may extend to five thousand rupees.

(4) The power to make rules under this section shall be subject to the condition of the rules being made after previous publication in Official Gazette.

(5) Every rule made under this section shall, as soon as may be after it is made, be laid before each House of State Legislature, where there are two Houses and where there is one House of State Legislature, before that House.

54. Delegation of Powers

(1) The Central Government may, in consultation with the State Government and by notification, direct that any power exercisable by it under this Act or any rule made thereunder, not being a power conferred by section 50 relating to appeal or section 52 relating to power to make rules, in relation to such matters and subject to such conditions as may be specified, may be exercised also by such officer subordinate to it as may be specified in the notification.

(2) Subject to any general or special direction or condition imposed by the State Government, any person authorised by the Central Government to exercise any powers may exercise those powers in the same manner and to the same extent as if they had been conferred on that person directly by this Act and not by way of delegation.

55. Act not to apply in certain cases

The provisions of this Act, insofar as they relate to verification and stamping of weights and measures, shall not apply to any weight or measure,—

- (a) used in any factory exclusively engaged in the manufacture of any arms, ammunition or both, for the use of the Armed Forces of the Union;
- (b) used for scientific investigation or for research;
- (c) manufactured exclusively for export.

56. Existing Director, Controller and legal metrology officer not to be affected by the new qualification to be prescribed

(1) Every Director, Controller and legal metrology officer appointed immediately before the commencement of the rules made under this Act, shall be deemed to have been appointed under sub-section (1) of sections 13 and 14, notwithstanding any rule prescribing different qualifications.

(2) The rules made by a State Government under the Standards of Weights and Measures (Enforcement) Act, 1985 which are in force immediately before the commencement of this Act shall remain in force until the Central Government, makes rules in that behalf.

57. Repeal of the Standards of Weights and Measures Act, 1976 and Standards of Weights and Measures (Enforcement) Act, 1985

(1) The Standards of Weights and Measures Act, 1976 and the Standards of Weights and Measures (Enforcement) Act, 1985 is hereby repealed.

(2) Without prejudice to the provisions contained in the General Clauses Act, 1897, with respect to repeals, any notification, rule or order made under the Standards of Weights and Measures Act, 1976 and the Standards of Weights and Measures (Enforcement) Act, 1985, shall, if in force, at the commencement of this Act, continue to be in force and have effect as if it was made under the corresponding provision of this Act.

(3) Notwithstanding such repeal, any appointment, notification, rule, order, registration, licence, certificate, notice, decision, approval, authorisation or consent made, issued or given under such law shall, if in force at the commencement of this Act, continue to be in force and have effect as if it were made, issued or given under the corresponding provisions of this Act.

SCHEDULE

(Section 79)

(1) Length:

1 inch = 0.025 4 metre

1 foot = 0.304 8 metre

1 yard = 0.914 4 metre

1 mile = 1 609.344 metres

1 nautical mile (UK) = 1853.18 metres

For Survey of India only

1 foot = 0.304 799 6 metre

(2) Area :

1 square inch = 0.000 645 16 square metre

1 square foot = 0.092 903 04 square metre

1 square yard = 0.836 127 36 square metre

1 square mile = 2 589 988.110 336 square metres

For Survey of India only

1 square foot = 0.092 903 square metre

1 acre = 4 046.856 1 square metres = 0.404 685 61 hectare

(3) Volume :

1 cubic inch = 0.000 016 387 064 cubic metre

1 cubic foot = 0.028 316 846 592 cubic metre

1 cubic yard = 0.764 554 857 984 cubic metre

1 gallon (UK) = 0.004 546 087 cubic metre

1 gallon (USA) = 0.003 785 411 784 cubic metre

1 bushel (USA)

(2 150.42 cubic inches) = 0.035 239 070 17 cubic metre

1 barrel (for petroleum) = 0.158 987 294 928 cubic metre

1 acre-foot = 1 233.482 cubic metres

(4) *Mass :*

- 1 grain = 0.000 064 798 91 kilogram
- 1 tola = 0.011 663 803 8 kilogram
- 1 seer = 0.933 104 304 kilogram
- 1 maund = 37.324 172 16 kilograms
- 1 ounce (troy) = 0.031 103 476 8 kilogram
- 1 pound (avoirdupois) = 0.453 592 37 kilogram
- 1 hundredweight (UK) = 50.802 345 44 kilograms
- 1 hundredweight (USA) = 45.359 237 kilograms
- 1 ton (UK) = 1 016.046 908 8 kilograms
- 1 ton (USA) = 907.184 74 kilograms

(5) *Temperature :*

- 1 degree Fahrenheit (unit) = $5/9$ kelvin or degree (celsius)
- temperature in degrees = $5/9 (t^{\circ} F + 459.67)$ kelvins
- Fahrenheit
- $(t^{\circ} F) = 5/9 (t^{\circ} C + 32)$ degree celsius

(6) *Force :*

- 1 pound-force = 4.448 221 615 260 5 newtons
- 1 poundal = 0.138 254 954 376 newton

(7) *Pressure :*

- 1 barometric inch of mercury = 3 386.388 640 341 pascals
- 1 inch of water = 249.088 91 pascals

(8) *Energy :*

- 1 British thermal unit = 1 055.055 852 62 joules
- 1 foot-pound-force = 1.355 817 948 331 400 4 joules

(9) *Power :*

- 1 horse-power (UK) = 745.699 871 582 270 22 watts
- 1 horse-power (European) = 735.498 75 watts
- 1 ton of refrigeration = 3 516.852 842 67 watts

APPENDIX A

RELEVANT SECTIONS OF THE CODE OF CRIMINAL
PROCEDURE, 1973
RELATING TO SEARCH AND SEIZURE

Sec. 38 : Aid to person, other than police officer, executing warrant

When a warrant is directed to a person other than a police officer, any other person may aid in the execution of such warrant, if the person to whom the warrant is directed be near at hand and acting in the execution of the warrant.

Sec. 91 : Summons to produce document or other thing

(1) Whenever any court or any other officer in charge of a police station considers that the production of any document or other thing is necessary or desirable for the purposes of any investigation, inquiry, trial or other proceeding under this Code by or before such court or officer, such court may issue a summons, or such officer a written order, to the person in whose possession or power such document or thing is believed to be, requiring him to attend and produce it, or to produce it, at the time and place stated in the summons or order.

(2) Any person required under this section to produce a document or thing shall be deemed to have complied with the requisition if he causes such document or thing to be produced instead of attending personally to produce the same.

(3) Nothing in this section shall be deemed—

- (a) to effect sections 123 and 124 of the Indian Evidence Act, 1872 (1 of 1872), or the Bankers' Books Evidence Act, 1891 (13 of 1891), or
- (b) to apply to a letter, postcard, telegram or other document or any other parcel or thing in the custody of the postal or telegraph authority.

Sec. 92 : Procedure as to letters and telegrams

(1) If any document, parcel or thing in the custody of a postal or telegraph authority is, in the opinion of the District Magistrate, Chief Judicial Magistrate, Court of Session or High Court wanted for the purpose of any investigation, inquiry, trial or other proceeding under this Code, such Magistrate or court may require the postal or telegraph authority, as the case may be, to deliver the document, parcel or thing to such person as the Magistrate or court directs.

(2) If any such document, parcel or thing is, in the opinion of any other Magistrate, whether Executive or Judicial, or of any Commissioner of Police or District Superintendent of Police, wanted for any such purpose, he may require the postal or telegraph authority, as the case may be, to cause search to be made for and to detain such document, parcel or thing pending the order of a District Magistrate, Chief Judicial Magistrate or court under sub-section (1).

Sec. 93 : When search-warrant may be issued

- (1)(a) Where any court has reason to believe that a person to whom a summons or order under section 91 or a requisition under sub-section (1) of section 92 has been, or might be, addressed, will not or would not produce the document or thing as required by such summons or requisition, or
- (b) Where such document or thing is not known to the court to be in the possession of any person, or
- (c) Where the court considers that the purpose of any inquiry, trial or other proceeding under this Code, will be served by a general search or inspection,

it may issue a search-warrant; and the person to whom such warrant is directed, may search or inspect in accordance therewith and the provisions hereinafter contained.

(2) The court may, if it thinks fit, specify in the warrant the particular place or part thereof to which only the search or inspection shall extend; and the person charged with the execution of such warrant shall then search or inspect only the place or part so specified.

(3) Nothing contained in this section shall authorise any Magistrate other than a District Magistrate or Chief Judicial Magistrate to grant a warrant to search for a document, parcel or other thing in the custody of the postal or telegraph authority.

Sec. 94 : Search of place suspected to contain stolen property, forged documents, etc.

(1) If a District Magistrate, Sub-Divisional Magistrate or Magistrate of the first class, upon information and after such inquiry as he thinks necessary, has reason to believe that any place is used for the deposit or sale of stolen property, or for the deposit, sale or production of any objectionable article to which this section applies, or that any such objectionable article is deposited in any place, he may by warrant authorise any police officer above the rank of a constable—

- (a) to enter, with such assistance as may be required, such place,
- (b) to search the same in the manner specified in the warrant,
- (c) to take possession of any property or article therein found which he reasonably suspects to be stolen property or objectionable article to which this section applies,
- (d) to convey such property or article before a Magistrate, or to guard the same on the spot until the offender is taken before a Magistrate or otherwise to dispose of it in some place of safety,
- (e) to take into custody and carry before a Magistrate every person found in such place who appears to have been privy to the deposit, sale or production of any such

- property or article knowing or having reasonable cause to suspect it to be stolen property or, as the case may be, objectionable article to which this section applies.
- (2) The objectionable articles to which this section applies are—
- (a) counterfeit coin;
 - (b) pieces of metal made in contravention of the Metal Tokens Act, 1889 (1 of 1889), or brought into India in contravention of any notification for the time being in force under section 11 of the Customs Act, 1962 (52 of 1962);
 - (c) counterfeit currency note; counterfeit stamps;
 - (d) forged documents;
 - (e) false seals;
 - (f) obscene objects referred to in section 292 of the Indian Penal Code, 1860 (45 of 1860);
 - (g) instruments or materials used for the production of any of the articles mentioned in clauses (a) to (f).

Sec. 100 : Persons in charge of closed place to allow search

(1) Whenever any place liable to search or inspection under this Chapter is closed, any person residing in, or being in charge of, such place, shall, on demand of the officer or other person executing the warrant, and on production of the warrant, allow him free ingress thereto, and afford all reasonable facilities for a search therein.

(2) If ingress into such place cannot be so obtained, the officer or other person executing the warrant may proceed in the manner provided by sub-section (2) of section 47.

(3) Where any person in or about such place is reasonably suspected of concealing about his person any article for which search should be made, such person may be searched and if such person is a woman, the search shall be made by another woman with strict regard to decency.

(4) Before making a search under this Chapter, the officer or other person about to make it shall call upon two or more independent and respectable inhabitants of the locality in which the place to be searched is situated or of any other locality if no such inhabitant of the said locality is available or is willing to be a witness to the search, to attend and witness the search and may issue an order in writing to them or any of them so to do.

(5) The search shall be made in their presence, and a list of all things seized in the course of such search and of the places in which they are respectively found shall be prepared by such officer or other person and signed by such witnesses; but no person witnessing a search under this section shall be required to attend the court as a witness of the search unless specially summoned by it.

(6) The occupant of the place searched, or some person in his behalf, shall, in every instance, be permitted to attend during the search, and a copy of the list prepared under this section, signed by the said witnesses, shall be delivered to such occupant or person.

(7) When any person is searched under sub-section (3), a list of all things taken possession of shall be prepared, and a copy thereof shall be delivered to such person.

(8) Any person who, without reasonable cause, refuses or neglects to attend and witness a search under this section, when called upon to do so by an order in writing delivered or tendered to him, shall be deemed to have committed an offence under section 187 of the Indian Penal Code, 1860 (45 of 1860).

Sec. 102 : Power of police officer to seize certain property

(1) Any police officer may seize any property which may be alleged or suspected to have been stolen, or which may be found under circumstances which create suspicion of the commission of any offence.

(2) Such police officer, if subordinate to the officer-in-charge of a police station, shall forthwith report the seizure to that officer.

(3) Every police officer acting under sub-section (1) shall forthwith report the seizure to the Magistrate having jurisdiction and where the property seized is such that it cannot be conveniently transported to the court or where there is difficulty in securing proper accommodation for the custody of such property, or where the continued retention of the property in police custody may not be

considered necessary for the purpose of investigation, he may give custody thereof to any person on his executing a bond undertaking to produce the property before the court as and when required and to give effect to the further orders of the court as to the disposal of the same:

PROVIDED that where the property seized under sub-section (1) is subject to speedy and natural decay and if the person entitled to the possession of such property is unknown or absent and the value of such property is less than five hundred rupees, it may forthwith be sold by auction under the orders of the Superintendent of Police and the provisions of sections 457 and 458 shall, as nearly as may be practicable, apply to the net proceeds of such sale.

Sec. 187 of the Indian Penal Code (45 of 1860) relating to punishment for not co-operating with the public servant. (Refer sub-section (8) of section 100).

Sec. 187. Omission to assist public servant when bound by law to give assistance

Whoever, being bound by law to render or furnish assistance to any public servant in the execution of his public duty, intentionally omits to give assistance, shall be punished with simple imprisonment for a term which may extend to one month, or with a fine which may extend to two hundred rupees, or with both;

and if such assistance be demanded of him by a public servant legally competent to make such demand for the purposes of executing any process lawfully issued by a court of justice, or of preventing the commission of an offence, or of suppressing a riot, or affray, or of apprehending a person charged with or guilty of an offence, or of having escaped from lawful custody, shall be punished with simple imprisonment for a term which may extend to six months, or with fine which may extend to five hundred rupees, or with both.

APPENDIX B

SECTION IN THE CODE OF CRIMINAL PROCEDURE, 1973 RELATING TO WEIGHTS AND MEASURES

This is to give an idea of the importance of weights and measures which the government of those early days felt.

Sec. 153. Inspection of weights and measures

(1) Any officer-in-charge of a police station may, without a warrant, enter any place within the limits of such station for the purpose of inspecting or searching for any weights or measures or instruments for weighing, used or kept therein, whenever he has reason to believe that there are in such place any weights, measures, instruments for weighing which are false.

(2) If he finds in such place any weights, measures or instruments for weighing which are false, he may seize the same, and shall forthwith give information of such seizure to a Magistrate having jurisdiction.

SECTIONS PERTAINING TO WEIGHTS AND MEASURES IN INDIAN PENAL CODE, 1860

Sec. 264. Fraudulent use of false instrument for weighing

Whoever fraudulently uses any instrument for weighing which he knows to be false, shall be punished with imprisonment of either description for a term, which may extend to one year, or with fine, or with both.

Sec. 265. Fraudulent use of false weight or measure

Whoever fraudulently uses any false weight or false measure of length or capacity, or fraudulently uses any weight or any measure of length or capacity as a different weight or measure from what it is, shall be punished with imprisonment of either description for a term which may extend to one year, or with fine, or with both.

Sec. 266. Being in possession of false weight or measure

Whoever is in possession of any instrument for weighing, or of any weight, or of any measure of length or capacity, which he knows to be false, intending that the same may be fraudulently used, shall be punished with imprisonment of either description for a term which may extend to one year, or with fine, or with both.

Sec. 267. Making or selling false weight or measure

Whoever makes, sells, or disposes of any instrument for weighing, or any weight, or any measure of length or capacity which he knows to be false, in order that the same may be used as true, or knowing that the same is likely to be used as true, shall be punished with imprisonment of either description for a term which may extend to one year, or with fine, or with both.