



# Government Gazette Staatskoerant

REPUBLIC OF SOUTH AFRICA  
REPUBLIEK VAN SUID-AFRIKA

*Regulation Gazette*

**No. 7831**

*Regulasiekoerant*

**Vol. 461**

**Pretoria, 21 November 2003**

**No. 25738**



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## GOVERNMENT NOTICE

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### DEPARTMENT OF TRADE AND INDUSTRY

No. R. 1704

21 November 2003

### TRADE METROLOGY ACT, 1973

I, Alexander Erwin, Minister of Trade and Industry do hereby promulgate the amendment to the Regulations promulgated in Government Notice No. R2362 of 18 November 1977, as amended, of the Trade metrology Act No. 70 of 1973 as set out in the Schedule hereto.

### SCHEDULE

#### **Amendment of Regulation 80 of Part 11 of the Regulations**

The present regulation 80 to be withdrawn and replaced with the following regulations:

#### **80. Water meters**

##### ***Definitions***

- (1)(a) **Combination meters:** A system that consists of one large meter, one small meter and a device which, without using any source of energy other than that of the fluid being measured, automatically so directs the water through either meter that neither of the meters operates outside of its designed operating range.
- (b) **Electronic Indicator:** An indicator with electronic indication fitted to a meter, which measures the volume of water passing through it. In addition to volume it may display other values or indications associated with the operation of the meter or the measuring system in which the meter is installed.
- (c) **Mechanical water meters:** Self-contained integrating measuring instruments that continuously determine the volume of water flowing through them, that employ either a direct mechanical process involving the use of the volumetric chambers with mobile walls (volumetric water meters)

or the action of the velocity of the water on the rotation rate of a moving part (velocity meters) and that have mechanical or electronic integral indicating device (indicator). Mechanical water meters include a meter of which the measuring element and the indicator form a measuring assembly which is intended to be verified before being installed in the meter body in which it will be used, provided that such body shall comply with all applicable requirement and shall have been type approved.

- (d) **Pre-payment measuring system:** A measuring system consisting of a meter and ancillary devices which include but are not limited to a valve to open and close the water supply and a device to allocate the proportionate volume of water for an amount of monetary credit. The components maybe mechanical or electronic or a combination of the two and credit may be entered by the insertion of money or some other means.

#### **Requirements and test methods**

- (2)(a) All mechanical water meters of nominal bore not exceeding 100mm, excluding combination meters, shall comply with SABS 1529-1:1994 *Water meters for cold potable water*, published by the SABS.
- (b) In addition to the applicable requirements referred to in paragraph (a) of this sub-regulation, mechanical water meters fitted with electronic indicators, electronic water meters and electronic pre-payment water measuring systems, shall comply with SABS 1529-9:2001. *Requirements for electronic indicators used with mechanical water meters, electronic water meters and electronic pre-payment water measuring systems*, published by the SABS.



ALEXANDER ERWIN, MP  
MINISTER OF TRADE AND INDUSTRY