
 STATUTORY INSTRUMENTS

1979 No. 1719

WEIGHTS AND MEASURES

**The Working Standards and Testing Equipment (Testing
and Adjustment) (Amendment) Regulations 1979**

Made - - - - - 19th December 1979

Laid before Parliament 9th January 1980

Coming into Operation 1st February 1980

The Secretary of State, in exercise of the powers conferred by section 5(4) of the Weights and Measures Act 1963(a) and now vested in him(b), and of all other powers enabling him in that behalf, hereby makes the following Regulations:—

1. These Regulations may be cited as the Working Standards and Testing Equipment (Testing and Adjustment) (Amendment) Regulations 1979, and shall come into operation on 1st February 1980.

2. The Working Standards and Testing Equipment (Testing and Adjustment) Regulations 1970(c) shall be amended as follows—

(a) there shall be added as Regulation 4A the following Regulation—

“4A. Meters for use in testing measuring equipment used for the measurement of liquid fuel dispensed from road tankers (hereinafter called “reference meters”) provided pursuant to section 5(1) of the Act for use by inspectors of weights and measures shall be tested in accordance with Regulation 12 below—

- (i) at one rate of flow, within six months before use;
- (ii) at maximum, minimum and intermediate rates of flow, within two years before use; and
- (iii) in the case of any reference meter which is thought not to be accurate within the relevant limits of error, immediately before use.”;

(b) there shall be added as Regulation 12 the following Regulation—

“*Reference meters*

12.—(1) Reference meters shall be tested—

- (a) for the purpose of Regulation 4A(i) above, either by using an appropriate local standard of capacity or by using a Board of Trade standard;
- (b) for the purpose of Regulation 4A(ii) above, either by using local standards of capacity, the capacity of at least one of which is at least equivalent to one minute’s delivery of the meter at maximum rate of flow, or by using one or more Board of Trade standards of equivalent capacity;

(a) 1963 c. 31.

(b) S.I. 1970/1537.

(c) S.I. 1970/1714.

- (c) for the purpose of Regulation 4A(iii) above, either in accordance with sub-paragraph (a) or sub-paragraph (b) above, as the inspector considers appropriate.
- (2) Where a test in accordance with paragraph (1) above reveals an error which exceeds a relevant limit of error specified in paragraph (3) below, the reference meter shall not be further used until it has been so adjusted that any error is within that limit.
- (3) The relevant limits of error shall be such that—
- (a) the highest of any measurements resulting from five successive tests at any one rate of flow between the maximum and minimum, with liquid of any one viscosity which the reference meter is intended to measure, shall not exceed the lowest of those measurements by an amount which is more than 0.05% of the quantity delivered on each test;
 - (b) the highest of any mean of the measurements resulting from five successive tests at any one rate of flow between the maximum and minimum, with liquid of any one viscosity which the reference meter is intended to measure, shall not exceed the lowest of any other mean of the measurements resulting from five successive tests of the same quantity of the same liquid at any different rate of flow between the maximum and minimum by an amount which is more than 0.1% of the quantity delivered on each test; and
 - (c) the mean of the measurements resulting from five successive tests at any one rate of flow between the maximum and minimum, with liquid of any viscosity which the reference meter is intended to measure, shall be within plus or minus 0.25% of the quantity delivered on each test.”.

19th December 1979.

Sally Oppenheim,
Minister of State,
Department of Trade.

EXPLANATORY NOTE

(This Note is not part of the Regulations.)

These Regulations amend the Working Standards and Testing Equipment (Testing and Adjustment) Regulations 1970 which prescribe the methods of testing and adjusting, and the limits of error for, the working standards and testing equipment used by inspectors of weights and measures.

The Regulations prescribe appropriate requirements in respect of meters (in the Regulations called “reference meters”) for use in testing measuring equipment used for the measurement of liquid fuel dispensed from road tankers.

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