
STATUTORY INSTRUMENTS

1995 No. 1014

WEIGHTS AND MEASURES

**The Measuring Equipment (Liquid
Fuel and Lubricants) Regulations 1995**

<i>Made</i>	- - - -	<i>1st April 1995</i>
<i>Laid before Parliament</i>		<i>6th April 1995</i>
<i>Coming into force</i>	- -	<i>4th May 1995</i>

The Secretary of State, in exercise of the powers conferred on him by sections 11(1) and (4), 12(12), 15(1), 86(1) and 94(1) of the Weights and Measures Act 1985⁽¹⁾ and of all other powers enabling him in that behalf, hereby makes the following Regulations:

PRELIMINARY

Citation, commencement, interpretation and revocation

1.—(1) These Regulations may be cited as the Measuring Equipment (Liquid Fuel and Lubricants) Regulations 1995 and shall come into force on 4th May 1995.

(2) In these Regulations—

“the Act” means the Weights and Measures Act 1985;

“certificate of approval” means a certificate of approval of a pattern of measuring equipment granted or renewed by the Secretary of State under section 12 of the Act;

“digital” means capable of assigning only certain discrete values or positions within a continuous range by a series of discontinuous steps;

“liquid fuel” includes liquid fuel, lubricants and any mixture of liquid fuel and lubricants;

[^{F1}“maximum delivery” means the largest quantity of liquid fuel which the measuring equipment is designed to measure;]

“measuring equipment” means any measuring equipment, other than a capacity measure, including a measuring device, ancillary equipment associated with it and any other equipment physically or otherwise connected to it whether or not such equipment has been connected to ensure correct measurement or is intended to facilitate operation of the measuring device and ancillary equipment;

(1) 1985 c. 72; section 94(1) contains a definition of “prescribed”.

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Changes to legislation: There are currently no known outstanding effects for the The Measuring Equipment (Liquid Fuel and Lubricants) Regulations 1995. (See end of Document for details)

“minimum delivery” means the smallest quantity of liquid fuel which the measuring equipment is designed to measure;

“notice of examination” means a notice of examination giving particulars of a pattern caused to be published by the Secretary of State;

“pattern” has the meaning set out in regulation 4(1) below;

“prescribed limits of error” has the meaning set out in regulation 17 below;

“the stamp” means the prescribed stamp(2); and

“test liquid” shall be construed in accordance with regulation 10.

(3) The abbreviations of units of measurement used in these Regulations refer to the relevant units as follows—

litre	L
millilitre	mL
millimetre	mm
millipascal second	mPa.s.

(4) The Measuring Equipment (Liquid Fuel and Lubricants) Regulations 1988(3) are hereby revoked.

F1 Words in [reg. 1\(2\)](#) inserted (12.10.1998) by [The Measuring Equipment \(Liquid Fuel and Lubricants\) \(Amendment\) Regulations 1998 \(S.I. 1998/2218\)](#), [regs. 1, 3\(1\)](#)

Commencement Information

II [Reg. 1](#) in force at 4.5.1995, see [reg. 1\(1\)](#)

Application

2.—(1) Subject to paragraph (2) below, these Regulations shall apply to all measuring equipment for use for trade in the making of any measurement of liquid fuel in a quantity not exceeding 20 gallons if it is constructed to measure in imperial units, or 100 L if it is constructed to measure in metric units, other than equipment for use for trade in the making of any measurement of liquefied petroleum gas [^{F2}and liquefied natural gas]; and measuring equipment to which these Regulations apply is hereby prescribed for the purposes of section 11(1) of the Act.

(2) Nothing in these Regulations shall apply to any measuring equipment for use for the measurement by capacity of liquid fuel in a quantity not exceeding 100 L which, in accordance with a programme of automatic control and without the intervention of an operator during the measuring process, measures quantities of those products to a constant nominal capacity, the quantities being kept separate.

(3) On [^{F3}and after] 1st October 1995, in paragraph (1) above, the words “20 gallons if it is constructed to measure in imperial units, or” and “if it is constructed to measure in metric units,” shall be omitted.

F2 Words in [reg. 2\(1\)](#) inserted (12.10.1998) by [The Measuring Equipment \(Liquid Fuel and Lubricants\) \(Amendment\) Regulations 1998 \(S.I. 1998/2218\)](#), [regs. 1, 3\(2\)](#)

(2) See S.I. 1968/1615.

(3) S.I. 1988/128 as amended by S.I. 1994/1851.

F3 Words in [reg. 2\(3\)](#) inserted (12.10.1998) by [The Measuring Equipment \(Liquid Fuel and Lubricants\) \(Amendment\) Regulations 1998 \(S.I. 1998/2218\)](#), regs. 1, **3(3)**

Commencement Information

I2 [Reg. 2](#) in force at 4.5.1995, see [reg. 1\(1\)](#)

Purposes of use for trade

3. No person shall use for trade any measuring equipment fitted with a price to pay indicating device in digital form if it indicates during a measuring operation a part of a penny in the amount of the price to be paid by the buyer.

Commencement Information

I3 [Reg. 3](#) in force at 4.5.1995, see [reg. 1\(1\)](#)

**PRINCIPLES OF CONSTRUCTION AND MARKING
OF MEASURING EQUIPMENT FOR LIQUID FUEL**

Principles of construction and marking of equipment

4.—(1) All measuring equipment shall be made in accordance with a pattern in respect of which a certificate of approval is in force, and in these Regulations “the pattern” means the particular pattern in accordance with which any particular measuring equipment is so made.

(2) Any measuring equipment first submitted for testing with a view to passing as fit for use for trade before 1st January 1981 may, and any measuring equipment first submitted for such testing on or after such date shall, be legibly and durably marked with the number of the certificate of approval or of the notice of examination, preceded by the words “Certification No.,” “Cert. No.” or “Notice No.,” as the case may be.

Commencement Information

I4 [Reg. 4](#) in force at 4.5.1995, see [reg. 1\(1\)](#)

Marking of name of manufacturer

5. All measuring equipment shall be legibly and durably marked with the name of the manufacturer.

Commencement Information

I5 [Reg. 5](#) in force at 4.5.1995, see [reg. 1\(1\)](#)

Sales indicators

[^{F4}6. Every individual sales indicator fitted to measuring equipment shall be so arranged that the indicator reading—

- (a) is capable of being set to zero before a delivery commences;
- (b) remains at zero until liquid fuel starts to emerge from the equipment; and

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(c) cannot be advanced by any means other than by the proper operation of the equipment.]

F4 Reg. 6 substituted (3.11.2003) by [The Measuring Equipment \(Liquid Fuel and Lubricants\) \(Amendment\) Regulations 2003 \(S.I. 2003/2110\)](#), regs. 1(1), 3

Commencement Information

I6 Reg. 6 in force at 4.5.1995, see [reg. 1\(1\)](#)

[^{F5}Indication of product delivered

6A.—(1) Subject to paragraphs (3) and (4) of this regulation, any measuring equipment which delivers a product—

- (a) the composition of which is in accordance with a British Standard of the British Standards Institution listed in column 3 of the table below; or
- (b) which is represented (whether by an indication marked on or referable to the instrument or otherwise) by the seller to be a product listed in column 1 of the table,

shall when in use for trade be marked with the name of that product as it appears in column 1 and the number of the relevant British Standard as it appears in column 2.

Table

<i>Column 1 Product</i>	<i>Column 2 Number</i>	<i>Column 3 Title of British Standard</i>
Unleaded petrol	BS EN 228: 2000	BS EN 228: 2000 ‘Automotive fuels. Unleaded petrol. Requirements and test methods.’ ISBN 0 580 34956 X
High octane (super) unleaded petrol	BS 7800: 2000	BS 7800: 2000 ‘Automotive fuels. High octane (super) unleaded petrol. Specification.’ ISBN 0580 33226 8
Diesel	BS EN 590: 2000	BS EN 590: 2000 ‘Automotive fuels. Diesel. Requirements and test methods.’ ISBN 0 580 34906 3
Leaded petrol	BS 4040: 1997	BS 4040: 1997 ‘Specification for leaded petrol (gasoline) for motor vehicles.’ ISBN 0 580 27649 X

(2) Subject to paragraphs (3) and (4) of this regulation, any measuring equipment which delivers a product other than a product listed in the above table shall be marked with an indication of the product delivered which is sufficiently clear to enable the buyer to identify the product.

(3) This regulation applies—

- (a) on and after 3rd November 2003 to measuring equipment first passed as fit for use for trade on and after that date; and

(b) on and after 3rd November 2004 to measuring equipment first passed as fit for use for trade before 3rd November 2003.

(4) This regulation does not apply to any equipment used in the absence of the buyer.]

F5 Reg. 6A inserted (3.11.2003) by [The Measuring Equipment \(Liquid Fuel and Lubricants\) \(Amendment\) Regulations 2003 \(S.I. 2003/2110\)](#), regs. 1(1), 4

Markings on Equipment

7. Every marking, notice, inscription or indication (including any pictogram) on measuring equipment referring to the method of operation or to the [^{F6}product or] quantity of liquid fuel delivered shall be conspicuously, legibly and durably marked in a suitable position in plain block characters on a plain background and in distinct contrast to it.

F6 Words in reg. 7 inserted (3.11.2003) by [The Measuring Equipment \(Liquid Fuel and Lubricants\) \(Amendment\) Regulations 2003 \(S.I. 2003/2110\)](#), regs. 1(1), 5

Commencement Information

I7 Reg. 7 in force at 4.5.1995, see [reg. 1\(1\)](#)

Buyer of fuel to have view of measuring operation etc

8.—(1) Subject to paragraphs (2) and (3) below, all measuring equipment which forms part of a fixed installation shall be so positioned that a buyer may readily obtain a clear unobstructed view—

- (a) of all the operations carried out by any other person using the equipment to measure the liquid fuel being supplied to the buyer; and
- (b) of any device on the equipment which is designed to indicate to the buyer the quantity supplied or the amount payable or that delivery is being effected.

(2) Paragraph (1) above shall not apply to any equipment for use only for measuring kerosene except where the equipment is—

- (a) situated on premises where petrol is sold; or
- (b) used for measuring kerosene in the course of delivery into the fuel tanks of vehicles.

(3) Paragraph (1) above shall not apply to any equipment normally used for the measurement of lubricants in the absence of the buyer.

(4) Any indication on measuring equipment referring in metric units of measurement to the quantity of liquid fuel supplied may be accompanied by a supplementary indication [^{F7}up to and including 31st December 2009].

F7 Words in reg. 8(4) inserted (8.2.2001) by [The Weights and Measures \(Metrication Amendments\) Regulations 2001 \(S.I. 2001/85\)](#), regs. 1, 3(1), **Sch.**

Commencement Information

I8 Reg. 8 in force at 4.5.1995, see [reg. 1\(1\)](#)

Manner of use for trade

9. All measuring equipment shall be used for trade in such a manner that every individual sales indicator shall be set to zero before a delivery commences.

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Commencement Information

I9 Reg. 9 in force at 4.5.1995, see **reg. 1(1)**

TESTING

Testing to be carried out under working conditions

10. All measuring equipment shall be tested by an inspector under practical working conditions with a test liquid, that is to say,—

- (a) the liquid fuel that the equipment is intended to deliver; or
- (b) a liquid having properties which replicate in all respects relevant to testing those of the liquid fuel which the equipment is intended to deliver,

and in the following provisions of these Regulations “test liquid” shall be construed accordingly.

Commencement Information

I10 Reg. 10 in force at 4.5.1995, see **reg. 1(1)**

^{F8}Tests to be carried out by an inspector

10A.—(1) In testing measuring equipment with a view to passing it as fit for use for trade, an inspector shall test in accordance with the appropriate testing procedures specified in paragraphs (2) and (3) below and, if the inspector considers it appropriate, those specified in the certificate of approval or notice of examination.

(2) When testing in accordance with the provisions of this paragraph and paragraph (3) below, an inspector shall ensure that—

- (a) measuring equipment which is constructed to deliver only a fixed quantity shall be tested by its delivering that fixed quantity of test liquid;
- (b) measuring equipment which is constructed to deliver multiples of a fixed quantity shall be tested by its delivery of that fixed quantity of test liquid and additionally by its being determined that for such measuring equipment any indicator of the number of deliveries made functions correctly; and
- (c) (i) save as provided in sub-paragraphs (ii) and (iii) below, measuring equipment which is constructed to continuously meter liquid shall be tested by its providing a minimum delivery of the test liquid or a delivery which the inspector specifies and which he considers to be sufficiently close to a minimum delivery and additionally in either case by its delivery of both 10 and 20 litres of test liquid;
- (ii) measuring equipment of a type described in sub-paragraph (i) above which has a maximum delivery of 10 litres or below shall be tested by its providing a minimum delivery of the test liquid or a delivery which the inspector specifies and which he considers to be sufficiently close to a minimum delivery and additionally in either case by its providing a maximum delivery of test liquid or a delivery which the inspector specifies and which he considers to be sufficiently close to a maximum delivery;
- (iii) measuring equipment of a type described in sub-paragraph (i) above with a maximum delivery of above 10 litres but not in excess of 20 litres shall be tested by its providing a minimum delivery of the test liquid or a delivery which the inspector

specifies and which he considers to be sufficiently close to a minimum delivery and additionally in either case by its providing a delivery of 10 litres of test liquid.

- (3) In all cases the tests referred to in paragraph (2) above shall be carried out—
- (a) at least twice and, in the case of measuring equipment which is capable of delivery at different flow rates, this requirement shall be satisfied by one delivery at a low flow rate and one delivery at a flow rate that is as near as practicable to the measuring equipment's highest flow rate;
 - (b) so that the speed of operation in respect of any individual delivery is as uniform as practicable; and
 - (c) using local standards, working standards or testing equipment.

[^{F9}Provided that in the case of a 20 litre test delivery pursuant to paragraph (2) above, only one delivery need be taken at the highest flow rate, and accordingly a low flow rate delivery, whilst not required, may be taken if the inspector considers it appropriate.]]

- F8** Reg. 10A inserted (12.10.1998) by [The Measuring Equipment \(Liquid Fuel and Lubricants\) \(Amendment\) Regulations 1998 \(S.I. 1998/2218\)](#), regs. 1, **3(4)**
- F9** Words in reg. 10A(3) inserted (3.11.2003) by [The Measuring Equipment \(Liquid Fuel and Lubricants\) \(Amendment\) Regulations 2003 \(S.I. 2003/2110\)](#), regs. 1(1), **6**

Equipment tested to be complete

^{F10}**11.**

- F10** Reg. 11 revoked (12.10.1998) by [The Measuring Equipment \(Liquid Fuel and Lubricants\) \(Amendment\) Regulations 1998 \(S.I. 1998/2218\)](#), regs. 1, **3(5)**

[^{F11}Conditions for testing of measuring equipment

12.—(1) Subject to the provisions of this regulation, measuring equipment shall be tested, passed as fit for use for trade and stamped either—

- (a) at the place where it is to be used; or
- (b) at the place of its manufacture or assembly or at testing premises.

(2) In the case of paragraph (1)(a) above, measuring equipment shall be tested, passed as fit for use for trade and stamped only when it is—

- (a) complete with all its parts as described in the certificate of approval or notice of examination, as the case may be; and
- (b) completely erected, installed and ready for use.

(3) In the case of paragraph (1)(b) above, measuring equipment shall be tested, passed as fit for use for trade and stamped only when it is in such a manner, configuration and environment as to replicate in all relevant respects those in which it will be installed at the place where it is to be used and either—

- (a) it is complete with all its parts as described in the certificate of approval or notice of examination, as the case may be, and is completely erected, temporarily installed and ready for use; or
- (b) it is complete with equipment, including representative repeat indicating and control devices, and is erected, temporarily installed and ready for use so that it simulates in all

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relevant respects the manner in which it will function when complete with all its parts as provided for in sub-paragraph (a) above.

(4) Notwithstanding the preceding paragraphs of this regulation, measuring equipment which has been tested, passed as fit for use for trade and stamped in accordance with this regulation shall not be used for trade if—

- (a) it has subsequently been dismantled before completion of its installation at the place where it is to be used; and
- (b) any such dismantling is likely to have affected its performance.

(5) For the purposes of this regulation—

- (a) “testing premises” mean premises which are in the opinion of an inspector suitable for his use in testing measuring equipment which has been presented for testing for passing as fit for use for trade;
- (b) “repeat indicating device” means a device which, using the interface which will be used when the measuring equipment is permanently installed, displays mandatory metrological indications;
- (c) “control device” means a device using the interface which will be used when the measuring equipment is permanently installed which receives a call signal from the fuel dispenser and authorises delivery.]

F11 Reg. 12 substituted (12.10.1998) by [The Measuring Equipment \(Liquid Fuel and Lubricants\) \(Amendment\) Regulations 1998 \(S.I. 1998/2218\)](#), regs. 1, **3(6)**

Commencement Information

I11 Reg. 12 in force at 4.5.1995, see [reg. 1\(1\)](#)

Equipment fitted with a hose

13.—(1) Subject to paragraph (2) below, before testing any measuring equipment fitted with a discharge hose, the inspector shall ensure that test liquid has first been passed through the equipment.

(2) This regulation shall not apply to equipment used for the measurement of liquid fuel where the delivery system remains permanently full up to the outer extremity of the discharge hose.

(3) In this regulation the expression “hose” includes rigid pipe work.

Commencement Information

I12 Reg. 13 in force at 4.5.1995, see [reg. 1\(1\)](#)

Provision of test liquid

14. For the purposes of the performance by an inspector of his functions under the Act or these Regulations relating to inspection, testing, passing as fit for use for trade and stamping of any measuring equipment a person submitting such equipment to an inspector or who an inspector has reasonable cause to believe has possession of such equipment for use for trade shall, if requested, provide for the inspector’s use such test liquid and other equipment as the inspector may reasonably require; and any test liquid so provided shall be returned to the person in question or be placed in another suitable receptacle reasonably convenient for the purpose and nominated and provided by the proprietor or person in charge of the equipment.

Commencement Information

I13 Reg. 14 in force at 4.5.1995, see **reg. 1(1)**

Opening of tanks etc

15.—(1) An inspector may open any locked or sealed tank or container for the purpose of testing any measuring equipment or the return of test liquid withdrawn during testing.

(2) Upon the conclusion of the test, any test liquid so withdrawn shall forthwith be—

(a) returned to the tank or container from which it was withdrawn if the inspector is of the opinion that it is practicable and desirable so to do and the proprietor or person in charge of the equipment does not object; or

(b) placed in another suitable receptacle reasonably convenient for the purpose and nominated and provided by the proprietor or person in charge of the equipment.

(3) The inspector, if requested, shall give to the proprietor or person in charge of the said equipment a signed and dated statement of the quantity of such test liquid withdrawn from the tank or container and returned or placed as aforesaid.

Commencement Information

I14 Reg. 15 in force at 4.5.1995, see **reg. 1(1)**

Closing of tanks etc

16. An inspector shall securely re-fasten any tank or container opened under regulation 15(1) above immediately after the conclusion of the test and the return of any test liquid withdrawn during testing or its placing in another receptacle; and for this purpose he shall replace any seal or link broken by him in opening the said tank or container with a seal upon which he shall affix the stamp.

Commencement Information

I15 Reg. 16 in force at 4.5.1995, see **reg. 1(1)**

Prescribed limits of error

17.—(1) Subject to paragraphs (2) to (5) below, the prescribed limits of error relating to any measuring equipment shall be those set out in Table 1 in the Schedule to these Regulations as may be appropriate having regard to the dynamic viscosity of the test liquid employed.

(2) Except in the case of equipment constructed to deliver a fixed quantity only, for a quantity equivalent to the minimum delivery of the equipment the prescribed limits of error shall be those set out in Table 2 in the Schedule to these Regulations as may be appropriate having regard to the dynamic viscosity of the test liquid employed.

(3) Where a quantity indicated by the measuring equipment is larger than the minimum delivery of the equipment, the prescribed limit of error for the said quantity shall never be less than that prescribed for the quantity equivalent to the minimum delivery of the equipment set out in the said Table 2 as may be appropriate having regard to the dynamic viscosity of the test liquid employed.

(4) In relation to the retesting of any equipment fitted with a price computing device which—

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- (a) is, in the opinion of an inspector, only required to be retested as a result of an adjustment of that device occasioned by a change in price; and
- (b) has previously been tested and passed as fit for use for trade (but not since the said adjustment was made),

the prescribed limits of error shall be the amounts set out in the said Table 1 or Table 2 as appropriate having regard to the dynamic viscosity of the test liquid employed in relation to obliteration of the stamp.

(5) In relation to the retesting of any equipment converted to indicate the quantity delivered in metric units which—

- (a) is, in the opinion of an inspector, only required to be retested as a result of such conversion; and
- (b) has previously been tested and passed as fit for use for trade (but not since the said conversion was made),

the prescribed limits of error shall be the amounts set out in the said Table 1 or Table 2 as appropriate having regard to the dynamic viscosity of the test liquid employed in relation to obliteration of the stamp.

[^{F12}(6) On the testing of any measuring equipment fitted with a price computing device, the difference between—

- (a) the price indicated by that device; and
- (b) the price computed on the basis of the unit price and of—
 - (i) the quantity indicated for test purposes; or
 - (ii) where the equipment is incapable of indicating the quantity for test purposes, the quantity indicated for use for trade,

shall not exceed the price of the quantity equal to the error in deficiency set out in the said Table 2 in relation to passing as fit for use for trade having regard to the dynamic viscosity of the test liquid employed; provided that the difference need not be less than the lowest value coin in circulation in the country or territory in which the equipment is used or intended to be used.]

(7) On [^{F13}and after] 1st October 1995, paragraph (5) above shall be omitted.

F12 Reg. 17(6) substituted (3.11.2003) by [The Measuring Equipment \(Liquid Fuel and Lubricants\) \(Amendment\) Regulations 2003 \(S.I. 2003/2110\)](#), regs. 1(1), 7

F13 Words in reg. 17(7) inserted (12.10.1998) by [The Measuring Equipment \(Liquid Fuel and Lubricants\) \(Amendment\) Regulations 1998 \(S.I. 1998/2218\)](#), regs. 1, 3(7)

Commencement Information

I16 Reg. 17 in force at 4.5.1995, see [reg. 1\(1\)](#)

[^{F14}Inspector to attach test report

17A.—(1) Without prejudice to the duty of the inspector, pursuant to section 11(6) of the Act, to keep a record of every test carried out by him, where measuring equipment is tested by an inspector at the place of its manufacture or assembly or at testing premises, the inspector shall in addition attach securely to the inside of the measuring equipment a copy of the test record.

- (2) The test record shall include at least the following particulars—
 - (a) the certification number of the certificate of approval;

- (b) a list of the components of the measuring equipment;
 - (c) details of the testing procedures carried out;
 - (d) details of the test liquid used;
 - (e) the test results; and
 - (f) the inspector's name, identification number and the name of the local weights and measures authority in which he holds office.
- (3) In this regulation "testing premises" has the same meaning as it has in regulation 12.]

F14 Reg. 17A inserted (3.11.2003) by The Measuring Equipment (Liquid Fuel and Lubricants) (Amendment) Regulations 2003 (S.I. 2003/2110), regs. 1(1), 8

Measuring equipment imported from ^{F15}... an EEA State

18.—(1) In relation to measuring equipment imported into Great Britain ^{F16}... from an EEA State, subject to paragraph (4) below, an inspector shall not carry out any test in accordance with the foregoing provisions of these Regulations if, together with the measuring equipment being imported, he is presented with the requisite documentation.

(2) In this regulation and in regulation 19(2) below—

(a) "requisite documentation" means—

- (i) the test report of an approved body that the measuring equipment which is the subject of that report has been tested on the same basis as those set out in these Regulations and stating which tests have been applied to it; and
- (ii) the test results relating to those tests; and

(b) "EEA State" means a State which is a Contracting Party to the EEA Agreement other than the United Kingdom ^{F17}...; and in this paragraph "the EEA Agreement" means the Agreement on the European Economic Area signed at Oporto on 2nd May 1992 as adjusted by the Protocol signed at Brussels on 17th March 1993.

[^{F18}(3) A body is an "approved body" for the purposes of this regulation if it is a body ^{F19}... in an EEA State which has responsibility in that State for metrological control of measuring equipment for liquid fuel and lubricants or is a laboratory which has been accredited for the purposes of testing measuring equipment for liquid fuel and lubricants ^{F19}... in an EEA State as being a body which conforms with the criteria set out in BS EN ISO/IEC 17025:2000.]

(4) Nothing in these Regulations shall prevent an inspector testing in accordance with the foregoing provisions of these Regulations where he is not satisfied—

- (a) as to the authenticity of the test report or the results presented to him; or
- (b) that the test results presented to him are results which in fact relate to the measuring equipment being imported; or
- (c) either—
 - (i) that the measuring equipment being imported has not been dismantled after the tests to which the test report relates were carried out, or
 - (ii) where the measuring equipment being imported has been dismantled after those tests were carried out, that any such dismantling is not likely to have affected its performance.

F15 Words in reg. 18 heading omitted (3.11.2003) by virtue of The Measuring Equipment (Liquid Fuel and Lubricants) (Amendment) Regulations 2003 (S.I. 2003/2110), regs. 1(1), 9(a)

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- F16** Words in [reg. 18\(1\)](#) omitted (3.11.2003) by virtue of [The Measuring Equipment \(Liquid Fuel and Lubricants\) \(Amendment\) Regulations 2003 \(S.I. 2003/2110\)](#), [regs. 1\(1\), 9\(b\)](#)
- F17** Words in [reg. 18\(2\)\(b\)](#) omitted (3.11.2003) by virtue of [The Measuring Equipment \(Liquid Fuel and Lubricants\) \(Amendment\) Regulations 2003 \(S.I. 2003/2110\)](#), [regs. 1\(1\), 9\(c\)](#)
- F18** [Reg. 18\(3\)](#) substituted (28.2.2003) by [The Weights and Measures \(Standards Amendment\) Regulations 2003 \(S.I. 2003/214\)](#), [reg. 1, Sch. para. 7](#)
- F19** Words in [reg. 18\(3\)](#) omitted (3.11.2003) by virtue of [The Measuring Equipment \(Liquid Fuel and Lubricants\) \(Amendment\) Regulations 2003 \(S.I. 2003/2110\)](#), [regs. 1\(1\), 9\(d\)](#)

Commencement Information

- I17** [Reg. 18](#) in force at 4.5.1995, see [reg. 1\(1\)](#)

Passing as fit for use for trade

- 19.**—(1) No measuring equipment shall be passed as fit for use for trade—
- (a) unless it complies with all the appropriate requirements of these Regulations;
 - (b) unless on testing it measures and delivers the test liquid with which it is tested to within the prescribed limits of error when it is operated at any reasonable speed, the speed of operation in respect of any individual delivery being as uniform as practicable; and
 - (c) if, notwithstanding that each error is within the prescribed limits of error set out in Table 1 or Table 2 as appropriate, having regard to the dynamic viscosity of the test liquid employed, in the Schedule to these Regulations, [^{F20}every delivery made in testing the measuring equipment as provided for in paragraph (2)(c) of regulation 10A results in an error in excess or every such delivery results in an error in deficiency or in the case of testing the measuring equipment as provided for in paragraph (2)(a) and (b) of regulation 10A the inspector is not satisfied that the calibration of the measuring equipment has been set as close to zero as is practicable].
- (2) In the case of measuring equipment imported ^{F21}... an EEA State, it shall not be passed as fit for use for trade unless—
- (a) where the requisite documentation is presented in accordance with regulation 18 above, the test report recites and the test data confirm to the satisfaction of the inspector that on testing in the relevant State it fell within the prescribed limits of error; and
 - (b) it complies with all the relevant requirements of these Regulations.
- (3) No measuring equipment fitted with a price to pay indicating device in digital form shall be passed as fit for use for trade if it is capable of indicating during a measuring operation a part of a penny in the amount of the price to be paid by the buyer.

- F20** Words in [reg. 19\(1\)\(c\)](#) substituted (12.10.1998) by [The Measuring Equipment \(Liquid Fuel and Lubricants\) \(Amendment\) Regulations 1998 \(S.I. 1998/2218\)](#), [regs. 1, 3\(8\)](#)
- F21** Words in [reg. 19\(2\)](#) omitted (3.11.2003) by virtue of [The Measuring Equipment \(Liquid Fuel and Lubricants\) \(Amendment\) Regulations 2003 \(S.I. 2003/2110\)](#), [regs. 1\(1\), 10](#)

Commencement Information

- I18** [Reg. 19](#) in force at 4.5.1995, see [reg. 1\(1\)](#)

STAMPING

Stamp to be on sealing plug etc

20.—(1) All measuring equipment shall be provided with such sealing arrangements as may be contained in the certificate of approval or the notice of examination in respect of that pattern.

(2) The stamp shall be placed on every plug, seal or sealing device authorised in accordance with paragraph (1) above.

Commencement Information

I19 Reg. 20 in force at 4.5.1995, see reg. 1(1)

Misleading marks etc

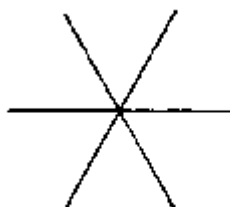
21. No measuring equipment shall be stamped in accordance with regulation 20(2) above if it bears any mark which, in the opinion of the inspector, might reasonably be mistaken for the stamp.

Commencement Information

I20 Reg. 21 in force at 4.5.1995, see reg. 1(1)

Manner of obliteration of stamps

22. Stamps shall be obliterated by an inspector, in accordance with the requirements of these Regulations, by means of punches or pincers of suitable sizes of a six-pointed star design as shown in the following illustration—



Commencement Information

I21 Reg. 22 in force at 4.5.1995, see reg. 1(1)

Obliteration of stamps

23.—(1) Subject to paragraph (2) below, an inspector shall obliterate the stamp on any measuring equipment which—

- (a) fails upon testing to fall within the prescribed limits of error in relation to obliteration of the stamp set out in Table 1 or Table 2 in the Schedule hereto as appropriate to the case; or
- (b) fails to comply with any other appropriate requirement of these Regulations.

Status: Point in time view as at 03/11/2003.

Changes to legislation: There are currently no known outstanding effects for the The Measuring Equipment (Liquid Fuel and Lubricants) Regulations 1995. (See end of Document for details)

(2) Where any measuring equipment does not fully comply with the requirements of these Regulations but the nature or degree of the non-compliance is not in the inspector's opinion such as to require the immediate obliteration of the stamp, the inspector—

- (a) shall give to the proprietor or person in charge of the equipment a notice calling on him to have the equipment corrected within a stated period not exceeding 28 days; and
- (b) shall obliterate the stamp if the correction has not been made within the stated period.

(3) Subject to paragraph (6) below, an inspector shall obliterate the stamp on any measuring equipment which has, since it was last stamped, had any alteration or addition made to it such that it could not be passed as fit for use for trade under regulation 19 above.

(4) Subject to paragraphs (5) and (6) below, where any measuring equipment has, since it was last stamped, been the subject of any adjustment, alteration, addition, repair or replacement which could, in the opinion of the inspector, have affected its accuracy or function, he may obliterate the stamp on that equipment.

(5) Where a component of any measuring equipment, or any ancillary equipment associated with it or any other equipment physically or otherwise connected to it or any component thereof—

- (a) is removed and not replaced, the inspector shall not obliterate the stamp under paragraph (4) above if he is satisfied that the removal has not significantly affected the accuracy or function of the measuring equipment; or
- (b) is replaced, the inspector shall not obliterate the stamp under paragraph (4) above if he is satisfied that—
 - (i) the new component or ancillary or connected equipment is in all material respects the same as that which it replaces; and
 - (ii) the replacement has not significantly affected the accuracy or function of the measuring equipment.

(6) In the case of any measuring equipment passed as fit for use for trade and stamped pursuant to regulation 12(1)(b), an inspector shall not obliterate the stamp under paragraph (3) or (4) above by reason only that an addition has been made to it solely for the purposes of installation of the equipment at the place at which it is used.

Commencement Information

I22 [Reg. 23](#) in force at 4.5.1995, see [reg. 1\(1\)](#)

Deemed obliteration of stamps

24.—(1) For the purposes of these Regulations, the obliteration, destruction or defacement of any one stamp on any measuring equipment shall be deemed to be the obliteration of all other stamps on that equipment, except—

- (a) where—
 - (i) a stamp on any part of any measuring equipment is obliterated by reason only of the failure of that part to comply with all the appropriate requirements of these Regulations; and
 - (ii) that failure does not have the effect of causing other parts of the equipment to fail to comply with those requirements; or
- (b) where the stamp has been lawfully obliterated under regulation 25 or 26 below.

(2) Where the inspector has obliterated a stamp on any measuring equipment, he may attach to the equipment a notice indicating that the equipment or, in a case to which paragraph (1)(a) above applies, the part of it in question is out of order.

Commencement Information

I23 Reg. 24 in force at 4.5.1995, see reg. 1(1)

**Lawful use for trade of equipment where stamps destroyed, obliterated or defaced—
adjustment of price computing device**

25.—(1) It shall be lawful to destroy, obliterate or deface a stamp on any measuring equipment, and it shall not be a contravention of section 11(2) of the Act to use such equipment for trade during the relevant period by reason only that a stamp on it has been lawfully destroyed, obliterated or defaced (such destruction, obliteration or defacement being in this regulation referred to as “the occurrence”) if—

- (a) the person responsible for the occurrence is, or is the duly authorised agent of, the proprietor of the equipment or a person who is the manufacturer, or is regularly engaged in the repair, of equipment for measuring liquid fuel;
- (b) the occurrence was confined to the stamp protecting the price computing device of the equipment and the stamp on the indicator of the price per gallon (or per half a gallon or per litre as the case may be);
- (c) the occurrence was only to permit an adjustment of that device and that indicator; and
- (d) notification in writing complying with paragraph (2) below of the occurrence has been given by the proprietor of the equipment or his duly authorised agent before the occurrence to the chief inspector of weights and measures for the area in which the equipment is situated.

(2) The notification referred to in paragraph (1) above shall contain the following information—

- (a) the location of, and particulars by which, the equipment may be identified;
- (b) the intended date of the occurrence;
- (c) the business name and address of the proprietor or other person referred to in paragraph (1) (a) above; and
- (d) the name and address of the person giving the notification.

(3) In paragraph (1) above “relevant period” means a period of 28 days beginning with the day on which the notification referred to in that paragraph is given in accordance with that paragraph.

(4) On 1st October 1995, in paragraph (1) above for the words “per gallon (or per half a gallon or per litre as the case may be)” there shall be substituted the words “per litre”.

Commencement Information

I24 Reg. 25 in force at 4.5.1995, see reg. 1(1)

**Lawful use for trade of equipment where stamps destroyed, obliterated or defaced—
adaptation for metric quantities**

F22 26.

Status: Point in time view as at 03/11/2003.

Changes to legislation: There are currently no known outstanding effects for the The Measuring Equipment (Liquid Fuel and Lubricants) Regulations 1995. (See end of Document for details)

F22 Reg. 26 revoked (3.11.2003) by The Measuring Equipment (Liquid Fuel and Lubricants) (Amendment) Regulations 2003 (S.I. 2003/2110), regs. 1(1), **11**

Jonathan Evans
Parliamentary Under-Secretary of
State, Department of Trade and Industry

SCHEDULE

Regulations 17 and 23.

Prescribed limits of error

Commencement InformationI25 Sch. in force at 4.5.1995, see [reg. 1\(1\)](#)**Table 1**

Prescribed limits of error ordinarily applicable on testing for quantities above the minimum delivery of the equipment

Quantity indicated	In relation to passing as fit for use for trade, in excess or in deficiency		In relation to obliteration of the stamp	
	Dynamic viscosity ≤ 1000 mPa.s	Dynamic viscosity > 1000 mPa.s	Dynamic viscosity ≤ 1000 mPa.s	Dynamic viscosity > 1000 mPa.s
Less than 0.1 L	2 mL	4 mL	4 mL in excess 2 mL in deficiency	8 mL in excess 4 mL in deficiency
From 0.1 L to 0.2 L	2% of the quantity indicated	4% of the quantity indicated	4% in excess 2% in deficiency	8 % in excess 4% in deficiency
From 0.2 L to 0.4 L	4 mL	8 mL	8 mL in excess 4 mL in deficiency	16 mL in excess 8 mL in deficiency
From 0.4 L to 1 L	1% of the quantity indicated	2% of the quantity indicated	2% in excess 1% in deficiency	4% in excess 2% in deficiency
From 1 L to 2 L	10 mL	20 mL	20 mL in excess 10 mL in deficiency	40 mL in excess 20 mL in deficiency
2 L or more	0.5% of the quantity indicated	1% of the quantity indicated	1% in excess 0.5% in deficiency	2% in excess 1% in deficiency

Status: Point in time view as at 03/11/2003.

Changes to legislation: There are currently no known outstanding effects for the The Measuring Equipment (Liquid Fuel and Lubricants) Regulations 1995. (See end of Document for details)

Table 2

Prescribed limits of error ordinarily applicable on testing for quantities equivalent to the minimum delivery of the equipment only

Quantity indicated	In relation to passing as fit for use for trade, in excess or in deficiency		In relation to obliteration of the stamp	
	Dynamic viscosity ≤ 1000 mPa.s	Dynamic viscosity > 1000 mPa.s	Dynamic viscosity ≤ 1000 mPa.s	Dynamic viscosity > 1000 mPa.s
Less than 0.1 L	4 mL	8 mL	8 mL in excess 4 mL in deficiency	16 mL in excess 8 mL in deficiency
From 0.1 L to 0.2 L	4% of the quantity indicated	8% of the quantity indicated	8% in excess 4% in deficiency	16 % in excess 8% in deficiency
From 0.2 L to 0.4 L	8 mL	16 mL	16 mL in excess 8 mL in deficiency	32 mL in excess 16 mL in deficiency
From 0.4 L to 1 L	2% of the quantity indicated	4% of the quantity indicated	4% in excess 2% in deficiency	8% in excess 4% in deficiency
From 1 L to 2 L	20 mL	40 mL	40 mL in excess 20 mL in deficiency	80 mL in excess 40 mL in deficiency
2 L or more	1% of the quantity indicated	2% of the quantity indicated	2% in excess 1% in deficiency	4% in excess 2% in deficiency

EXPLANATORY NOTE

(This note is not part of the Regulations)

These Regulations replace with amendments the Measuring Equipment (Liquid Fuel and Lubricants) Regulations 1988 and take account of International Recommendation R117 “Measuring Systems

for Liquids Other Than Water” issued by the International Organisation for Legal Metrology and available from the Organisation at 11 rue Turgot, Paris, 75009, France.

The Regulations apply to equipment used for trade, for any purpose, to measure liquid fuel (other than liquefied petroleum gas) in a quantity of 100 litres (or, until 1st October 1995, 20 gallons) or less. However, they do not apply to measuring equipment for automatic measuring of constant nominal quantities. (See regulation 2).

They make provision as to the principles of construction and marking of measuring equipment, inspection, testing, passing as fit for use for trade and stamping of such equipment (and obliteration of stamps on such equipment), and the prescribed limits of error. The Regulations prescribe this equipment for the purposes of section 11(1) of the Weights and Measures Act 1985 so that it is unlawful to use it for trade purposes unless it has been tested, passed as fit for such use and stamped by an inspector of weights and measures.

The principal changes effected by the Regulations are—

- (a) Provision is made for liquid fuel measuring equipment to be tested with a liquid other than, but similar to, that which it is intended to deliver (regulation 10).
- (b) Provision is also made for testing and stamping to be carried out at the place of manufacture (regulation 12(1)(b)).
- (c) The prescribed limits of error in relation to passing as fit for use for trade are relaxed and provision is made for different limits of error to apply to liquid fuels having different dynamic viscosities (regulation 17(1)).
- (d) Provision is made for the acceptance of test results for measuring equipment imported from other member States of the European Union or contracting parties to the European Economic Area Agreement (regulation 18).
- (e) Provision is made for the inspector not to obliterate the stamp, in certain circumstances, when certain components of the measuring equipment or its ancillary equipment are removed or replaced (regulation 23(5)).
- (f) The provisions relating to the obliteration of stamps on measuring equipment having more than one stamp are clarified (regulation 24(1)(a)) and provision is made for the inspector to affix a notice indicating that part of the equipment is out of order (regulation 24(2)).

Copies of EN 45001 (BS 7501) referred to in regulation 18(3) may be obtained from any of the sales outlets operated by the British Standards Institution (BSI) or by post from BSI at Linford Wood, Milton Keynes MK14 6LE.

Status:

Point in time view as at 03/11/2003.

Changes to legislation:

There are currently no known outstanding effects for the The Measuring Equipment (Liquid Fuel and Lubricants) Regulations 1995.