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## STATUTORY INSTRUMENTS

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# 2016 No. 1153

## The Measuring Instruments Regulations 2016

### PART 1

#### INTRODUCTORY

#### Meaning of “<sup>F1</sup>regulated] measuring instrument” <sup>F2</sup>... and application of these Regulations **E+W+S**

#### 3.—<sup>F3</sup>(1) .....

(2) In these Regulations a reference to a regulated measuring instrument means a measuring instrument of any of the following descriptions —

- (a) water meters used for trade for the supply of potable water in the temperature range from 0.1°C to and including 30°C;
- (b) gas meters for use for trade except a gas meter which is used under an agreement providing for the supply of a quantity of gas at a rate of flow which, if measured at a temperature of 15°C and a pressure of 1013.25 millibars, would exceed 1600 cubic meters an hour (or the equivalent quantity in kilograms);
- (c) active electrical energy meters for use for trade other than an instrument which is used under an agreement providing for the supply of active electrical energy where—
  - (i) the maximum quantity supplied exceeds 100 kilowatts per hour; and
  - (ii) the instrument provides measurement on a half-hourly basis;
- (d) non-water liquid measuring systems for use for trade of the following descriptions—
  - (i) a measuring system which is used for the continuous and dynamic measurement in a quantity not exceeding 100 litres or 100 kilograms of a liquid fuel, lubricant or a mixture of fuel and lubricant other than—
    - (aa) liquefied petroleum gas; or
    - (bb) liquefied natural gas;
  - (ii) a measuring system (other than one used in connection with the refuelling of aircraft, ships or hovercraft) which is used for the continuous and dynamic measurement in a quantity exceeding 100 litres or 100 kilograms of liquid fuel delivered from a road tanker other than—
    - (aa) liquefied gases;
    - (bb) lubricating oils;
    - (cc) liquid fuels of a temperature below -153°C; or
    - (dd) liquid fuels of a dynamic viscosity exceeding 100 millipascal seconds at 15°C;
- (e) automatic weighing instruments of the following kinds which are for use for trade—
  - (i) automatic gravimetric filling instruments;

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*Changes to legislation: There are currently no known outstanding effects for the The Measuring Instruments Regulations 2016, Section 3. (See end of Document for details)*

- (ii) automatic catchweighers (other than automatic checkweighers and automatic weight grading instruments);
  - (iii) automatic rail-weighbridges;
  - (iv) beltweighers; and
  - (v) discontinuous totalisers;
  - (f) taximeters intended for use for the protection of consumers;
  - (g) material measures which are for use for trade of the following kinds—
    - (i) material measures of length (excluding dipping and strapping tapes);
    - (ii) capacity serving measures for the measurement of draft beer or cider of the following capacities:  $\frac{1}{3}$  pint,  $\frac{1}{2}$  pint,  $\frac{2}{3}$  pint, 1 pint, 2 pints, 4 pints, 8 pints and 16 pints;
    - (iii) capacity serving measures for the measurement of liquids other than draft beer or cider<sup>M1</sup> of the following capacities in millilitres (ml) and litres (l): 5 ml, 10 ml, 20 ml, 25 ml, 35 ml, 50 ml, 70 ml, 100 ml, 125 ml, 150 ml, 175 ml, 200 ml, 250 ml, 500 ml, 1 l, 2 l, 2.5 l, 5 l, 10 l and 20 l;
  - (h) exhaust gas analysers intended for use for the protection of the environment and public health except where the exhaust gas analyser includes or is connected to a device which is not used for the protection of the environment and public health;
- <sup>F4</sup>(3) .....
- (4) These Regulations do not apply to the putting into use of the instruments listed in Schedule 2.

#### Extent Information

- E1** This version of this provision extends to England and Wales and Scotland only; a separate version has been created for Northern Ireland only

#### Textual Amendments

- F1** Word in [reg. 3 heading](#) inserted (E.W.S.) (31.12.2020) by [The Product Safety and Metrology etc. \(Amendment etc.\) \(EU Exit\) Regulations 2019 \(S.I. 2019/696\)](#), [reg. 1, Sch. 27 para. 4\(1\)\(a\)](#) (with [Sch. 27 para. 50\(a\)](#)) (as amended by [S.I. 2020/676](#), [regs. 1\(1\), 2](#)); 2020 c. 1, [Sch. 5 para. 1\(1\)](#)
- F2** Words in [reg. 3 heading](#) omitted (E.W.S.) (31.12.2020) by virtue of [The Product Safety and Metrology etc. \(Amendment etc.\) \(EU Exit\) Regulations 2019 \(S.I. 2019/696\)](#), [reg. 1, Sch. 27 para. 4\(1\)\(b\)](#) (with [Sch. 27 para. 50\(a\)](#)) (as amended by [S.I. 2020/676](#), [regs. 1\(1\), 2](#)); 2020 c. 1, [Sch. 5 para. 1\(1\)](#)
- F3** [Reg. 3\(1\)](#) omitted (E.W.S.) (31.12.2020) by virtue of [The Product Safety and Metrology etc. \(Amendment etc.\) \(EU Exit\) Regulations 2019 \(S.I. 2019/696\)](#), [reg. 1, Sch. 27 para. 4\(2\)](#) (with [Sch. 27 para. 50\(a\)](#)) (as amended by [S.I. 2020/676](#), [regs. 1\(1\), 2](#)); 2020 c. 1, [Sch. 5 para. 1\(1\)](#)
- F4** [Reg. 3\(3\)](#) omitted (E.W.S.) (31.12.2020) by virtue of [The Product Safety and Metrology etc. \(Amendment etc.\) \(EU Exit\) Regulations 2019 \(S.I. 2019/696\)](#), [reg. 1, Sch. 27 para. 4\(2\)](#) (with [Sch. 27 para. 50\(a\)](#)) (as amended by [S.I. 2020/676](#), [regs. 1\(1\), 2](#)); 2020 c. 1, [Sch. 5 para. 1\(1\)](#)

#### Marginal Citations

- M1** [The Weights and Measures \(Intoxicating Liquor\) Order 1988 \(S.I. 1988/2039\)](#) amended by [S.I. 1990/1550](#), [1994/1883](#), [2009/663](#) and [S.I. 2011/2331](#)) makes provision as to the units of measurement and capacities that may be used in relation to certain intoxicating liquors.

### Meaning of “measuring instrument” and related expressions and application of these Regulations **N.I.**

3.—(1) In these Regulations the expression “measuring instruments” comprises the following—

- (a) water meters;
- (b) gas meters and sub-assemblies for inclusion in, or attachment to, gas meters in the form of volume conversion devices;
- (c) active electrical energy meters;
- (d) thermal energy meters and any of the following sub-assemblies—
  - (i) flow sensors;
  - (ii) temperature sensor pairs; and
  - (iii) calculators;
- (e) non-water liquid measuring systems;
- (f) automatic weighing instruments of the following kinds—
  - (i) automatic catchweighers;
  - (ii) automatic gravimetric filling instruments;
  - (iii) discontinuous totalisers;
  - (iv) beltweighers; and
  - (v) automatic rail weighbridges;
- (g) taximeters;
- (h) material measures;
- (i) dimensional measuring instruments; and
- (j) exhaust gas analysers.

(2) In these Regulations a reference to a regulated measuring instrument means a measuring instrument of any of the following descriptions —

- (a) water meters used for trade for the supply of potable water in the temperature range from 0.1°C to and including 30°C;
- (b) gas meters for use for trade except a gas meter which is used under an agreement providing for the supply of a quantity of gas at a rate of flow which, if measured at a temperature of 15°C and a pressure of 1013.25 millibars, would exceed 1600 cubic meters an hour (or the equivalent quantity in kilograms);
- (c) active electrical energy meters for use for trade other than an instrument which is used under an agreement providing for the supply of active electrical energy where—
  - (i) the maximum quantity supplied exceeds 100 kilowatts per hour; and
  - (ii) the instrument provides measurement on a half-hourly basis;
- (d) non-water liquid measuring systems for use for trade of the following descriptions—
  - (i) a measuring system which is used for the continuous and dynamic measurement in a quantity not exceeding 100 litres or 100 kilograms of a liquid fuel, lubricant or a mixture of fuel and lubricant other than—
    - (aa) liquefied petroleum gas; or
    - (bb) liquefied natural gas;
  - (ii) a measuring system (other than one used in connection with the refuelling of aircraft, ships or hovercraft) which is used for the continuous and dynamic measurement in

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a quantity exceeding 100 litres or 100 kilograms of liquid fuel delivered from a road tanker other than—

- (aa) liquefied gases;
  - (bb) lubricating oils;
  - (cc) liquid fuels of a temperature below  $-153^{\circ}\text{C}$ ; or
  - (dd) liquid fuels of a dynamic viscosity exceeding 100 millipascal seconds at  $15^{\circ}\text{C}$ ;
- (e) automatic weighing instruments of the following kinds which are for use for trade—
- (i) automatic gravimetric filling instruments;
  - (ii) automatic catchweighers (other than automatic checkweighers and automatic weight grading instruments);
  - (iii) automatic rail-weighbridges;
  - (iv) beltweighers; and
  - (v) discontinuous totalisers;
- (f) taximeters intended for use for the protection of consumers;
- (g) material measures which are for use for trade of the following kinds—
- (i) material measures of length (excluding dipping and strapping tapes);
  - (ii) capacity serving measures for the measurement of draft beer or cider of the following capacities:  $\frac{1}{3}$  pint,  $\frac{1}{2}$  pint,  $\frac{2}{3}$  pint, 1 pint, 2 pints, 4 pints, 8 pints and 16 pints;
  - (iii) capacity serving measures for the measurement of liquids other than draft beer or cider <sup>F5</sup> of the following capacities in millilitres (ml) and litres (l): 5 ml, 10 ml, 20 ml, 25 ml, 35 ml, 50 ml, 70 ml, 100 ml, 125 ml, 150 ml, 175 ml, 200 ml, 250 ml, 500 ml, 1 l, 2 l, 2.5 l, 5 l, 10 l and 20 l;
- (h) exhaust gas analysers intended for use for the protection of the environment and public health except where the exhaust gas analyser includes or is connected to a device which is not used for the protection of the environment and public health;

(3) In these Regulations “non-prescribed measuring instruments” are measuring instruments that are neither regulated measuring instruments nor measuring instruments referred to in paragraph (4) and Schedule 2.

(4) These Regulations do not apply to the putting into use of the instruments listed in Schedule 2.

#### **Extent Information**

**E2** This version of this provision extends to Northern Ireland only; a separate version has been created for England and Wales and Scotland only

#### **Textual Amendments**

**F5** The Weights and Measures (Intoxicating Liquor) Order 1988 ([S.I. 1988/2039](#) amended by [S.I. 1990/1550](#), 1994/1883, 2009/663 and [S.I. 2011/2331](#)) makes provision as to the units of measurement and capacities that may be used in relation to certain intoxicating liquors.

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