

SCHEDULE 1

Regulations 2(1) and 39(1)

ESSENTIAL REQUIREMENTS AND APPLICABLE CONFORMITY ASSESSMENT PROCEDURES

Introductory

1. The essential requirements and conformity assessment procedure applicable to measuring instruments are as set out in this Schedule.

Water Meters

2.—(1) The essential requirements relating to water meters intended for the measurement of volumes of clean, cold or heated water in residential, commercial and light industrial use are—

- (a) the requirements set out in Annex I to the Directive; and
- (b) the specific requirements of Annex III to the Directive subject to the modification specified in sub-paragraph (2).

(2) The modification referred to in sub-paragraph (1)(b) is that point 10 of the specific requirements in Annex III is to be read as follows—

“Putting into use

10. The requirements under points 1, 2 and 3 are determined by the utility or the person legally designated for installing the meter, so that the meter is appropriate for the accurate measurement of consumption that is foreseen or foreseeable.”

(3) The conformity assessment procedures specified in the modules in Annex II to the Directive applicable to water meters of the kind referred to in sub-paragraph (1) are—

- (a) B and F;
- (b) B and D; or
- (c) H1.

Gas meters

3.—(1) The essential requirements relating to gas meters intended for residential, commercial and light industrial use are—

- (a) the requirements of Annex I to the Directive; and
- (b) the specific requirements set out in Part I of Annex IV to the Directive subject to the modification in sub-paragraph (2).

(2) The modification referred to in sub-paragraph (1)(b) is that point 10 of the specific requirements in Annex IV is to be read as follows—

“Putting into use

- (a) The measurement of residential use must be performed by means of any Class 1.5 gas meter, or by Class 1.0 gas meters which have a Q_{\max}/Q_{\min} ratio equal to or greater than 150.
- (b) Measurement of commercial or light industrial use must be performed by any Class 1.0 or Class 1.5 gas meter.
- (c) The person responsible for installing a gas meter must have regard to the requirements under Points 1.2 and 1.3 of Part I of Annex IV and must ensure that

Status: This is the original version (as it was originally made).

the gas meter is appropriate for the accurate measurement of consumption that is foreseen or foreseeable.”

(3) The conformity assessment procedures specified in the modules in Annex II to the Directive applicable to gas meters are—

- (a) B and F;
- (b) B and D; or
- (c) H1.

Volume conversion devices

4.—(1) In this paragraph “conversion device” means a device fitted to a gas meter that automatically converts the quantity measured at metering conditions into a quantity at the specified conditions to which the quantity of fluid is converted.

(2) The essential requirements relating to conversion devices intended for residential, commercial and light industrial use are—

- (a) the requirements of Annex I to the Directive;
- (b) the specific requirements set out in Part II of Annex IV.

(3) The conformity assessment procedures specified in the modules in Annex II to the Directive applicable to conversion devices are—

- (a) B and F;
- (b) B and D; or
- (c) H1.

Active electrical energy meters

5.—(1) The essential requirements in relation to active electrical energy meters intended for residential, commercial and light industrial use are—

- (a) the requirements of Annex I of the Directive; and
- (b) the specific requirements in Annex V subject to the modification in sub-paragraph (2).

(2) The modification referred to in sub-paragraph (1)(b) is that point 7 of the specific requirements in Annex V is to be read as follows—

“Putting into use

- (a) Subject to sub-paragraph (2), measurement may be performed by means of any active electrical energy meter provided that the temperature range to which an active electrical energy meter is exposed is not wider than the range specified by the manufacturer in relation to that active electrical energy meter in accordance with Point 1.3.1 and Table 1 in Annex I to the Directive.
- (b) Class A active electrical energy meters may not be used when operating outside the temperature range of an upper temperature limit of 30°C to a lower temperature limit of 5 °C.
- (c) The person responsible for installing the active electrical energy meter must determine the correct current range and assess the climatic environment.”

(3) The conformity assessment procedures specified in the modules in Annex II to the Directive applicable to active electrical meters are—

- (a) B and F;

- (b) B and D; or
- (c) H1.

Thermal Energy Meters

- 6.—(1) The essential requirements in relation to thermal energy meters are—
- (a) the requirements of Annex I of the Directive; and
 - (b) the requirements of Annex VI.
- (2) The conformity assessment procedures specified in the modules in Annex II to the Directive applicable to thermal energy meters are—
- (a) B and F;
 - (b) B and D; or
 - (c) H1.

Non-water liquid measuring systems

- 7.—(1) The essential requirements in relation to non-water liquid measuring systems are—
- (a) the requirements of Annex I of the Directive; and
 - (b) the requirements of Annex VII.
- (2) The conformity assessment procedures specified in the modules in Annex II to the Directive applicable to non-water liquid measuring systems are—
- (a) B and F;
 - (b) B and D;
 - (c) H1; or
 - (d) G.

Automatic weighing instruments

- 8.—(1) The essential requirements in relation to automatic weighing instruments are—
- (a) in relation to automatic catchweighers—
 - (i) the requirements of Annex I of the Directive; and
 - (ii) the specific requirements in Chapter I and II of Annex VIII;
 - (b) in relation to automatic gravimetric filling instruments—
 - (i) the requirements of Annex I of the Directive; and
 - (ii) the specific requirements in Chapter I and Chapter III of Annex VIII;
 - (c) in relation to discontinuous totalisers—
 - (i) the requirements of Annex I of the Directive; and
 - (ii) the specific requirements in Chapter I and Chapter IV of Annex VIII;
 - (d) The essential requirements in relation to beltweighers are—
 - (i) the requirements of Annex I of the Directive; and
 - (ii) the specific requirements in Chapters I and V of Annex VIII; and
 - (e) The essential requirements in relation to automatic rail weighbridges are—
 - (i) the requirements of Annex I of the Directive; and
 - (ii) the specific requirements in Chapters I and VI in Annex VIII.

Status: This is the original version (as it was originally made).

(2) The conformity assessment procedures specified in the modules in Annex II to the Directive applicable to automatic weighing instruments are—

- (a) for mechanical systems—
 - (i) B and D;
 - (ii) B and E;
 - (iii) B and F;
 - (iv) D1;
 - (v) F1;
 - (vi) G; or
 - (vii) H1;
- (b) for electromechanical instruments—
 - (i) B and D;
 - (ii) B and E;
 - (iii) B and F;
 - (iv) G; or
 - (v) H1; and
- (c) for electronic systems or systems containing software—
 - (i) B and D;
 - (ii) B and F;
 - (iii) G; or
 - (iv) H1.

Taximeters

9.—(1) The essential requirements in relation to taximeters are—

- (a) the requirements of Annex 1 of the Directive; and
- (b) the specific requirements in Annex IX.

(2) The conformity assessment procedures specified in the modules in Annex II to the Directive applicable to taximeters are—

- (a) B and F;
- (b) B and D; or
- (c) H1.

Material measures of length

10.—(1) The essential requirements in relation to material measures of length are—

- (a) the requirements of Annex I of the Directive; and
- (b) the specific requirements in Chapter I of Annex X.

(2) The conformity assessment procedures specified in the modules in Annex II to the Directive applicable to material measures of length are—

- (a) F1;
- (b) D1;
- (c) B and D;

- (d) G; or
- (e) H.

Capacity serving measures

11.—(1) The essential requirements in relation to capacity serving measures are—

- (a) the requirements of Annex I of the Directive; and
- (b) the specific requirements in Chapter II of Annex X.

(2) The conformity assessment procedures specified in the modules in Annex II to the Directive applicable to capacity serving measures are—

- (a) A2;
- (b) D1;
- (c) E1;
- (d) F1;
- (e) B and D;
- (f) B and E; or
- (g) H.

Dimensional measuring instruments

12.—(1) The essential requirements in relation to dimensional measuring instruments are—

- (a) the requirements of Annex I of the Directive; and
- (b) the specific requirements in Annex XI.

(2) The conformity assessment procedures specified in the modules in Annex II to the Directive applicable to dimensional measuring instruments are—

- (a) for mechanical or electromechanical instruments—
 - (i) D1;
 - (ii) E1;
 - (iii) F1;
 - (iv) H;
 - (v) H1;
 - (vi) G;
 - (vii) B and D;
 - (viii) B and E;
 - (ix) B and F;
- (b) for electronic instruments or instruments containing software—
 - (i) B and D;
 - (ii) B and F;
 - (iii) G; or
 - (iv) H1.

Exhaust gas analysers

13.—(1) The essential requirements in relation to exhaust gas analysers are—

Status: This is the original version (as it was originally made).

- (a) the requirements of Annex I of the Directive; and
 - (b) the specific requirements in Annex XII.
- (2) The conformity assessment procedures specified in the modules in Annex II to the Directive applicable to exhaust gas analysers are—
- (a) B and D;
 - (b) B and F; or
 - (c) H1.