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#### COVER NOTE

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From:	Secretary-General of the European Commission, signed by Mr Jordi AYET PUIGARNAU, Director
date of receipt:	31 October 2014
To:	Mr Uwe CORSEPIUS, Secretary-General of the Council of the European Union
No. Cion doc.:	C(2014) 7993 final
Subject:	Commission Delegated Directive ../.../EU of 31.10.2014 amending Annex III to Directive 2014/32/EU, as regards the flowrate range of water meters

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Delegations will find attached document C(2014) 7993 final.

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Encl.: C(2014) 7993 final



Brussels, 31.10.2014  
C(2014) 7993 final

**COMMISSION DELEGATED DIRECTIVE ..../.../EU**

**of 31.10.2014**

**amending Annex III to Directive 2014/32/EU, as regards the flowrate range of water meters**

(Text with EEA relevance)

## EXPLANATORY MEMORANDUM

### **1. CONTEXT OF THE DELEGATED ACT**

Directive 2014/32/EU sets out the requirements that certain measuring instruments have to satisfy with a view to their being placed on the market and/or put to use for specific measuring tasks prescribed by the Member States. This Directive applies, among others, to water meters intended for the measurement of volumes of clean, cold or heated water in residential, commercial and light industrial use (Annex III). The first of the specific requirements for water meters (point 1 in Annex III to Directive 2014/32/EU on measuring instruments) contains a rated operating condition for the flowrate range ( $Q_3/Q_1 \geq 10$ ). Article 47 (b) of Directive 2014/32/EU empowers the Commission to adopt delegated acts concerning the amendment of the instrument-specific Annexes in relation to the rated operating conditions.

On 31 October 2011 an update of the standard EN 14154 entered into force which contains a higher flowrate range ( $Q_3/Q_1 \geq 40$ ). The standard is more exigent than the specific requirement and it has been requested to adapt the requirement in the Directive to be equal to the standard.

### **2. CONSULTATIONS PRIOR TO THE ADOPTION OF THE ACT**

The change of the flowrate range for water meters from  $Q_3/Q_1 \geq 10$  to  $Q_3/Q_1 \geq 40$  due to the revision of harmonised standard EN 14154 was first discussed at the working group on measuring instruments at its meeting on 11-12 June 2013. Member States authorities and stakeholders were present in the group and agreed that this change was appropriate.

A new Directive replacing Directive 2004/22/EC on measuring instruments, the applicable legal instrument at the time, was about to be adopted and it was considered more appropriate to introduce this modification in the revised Directive. Following the entry into force of Directive 2014/32/EU on measuring instruments, this issue was presented and discussed again at the working group on measuring instruments on 12 June 2014. Member States and stakeholders expressed their full support to the proposed change. The European Parliament and Council were also informed of these discussions.

### **3. LEGAL ELEMENTS OF THE DELEGATED ACT**

The proposed Commission delegated Directive would amend point 1 of Annex III to Directive 2014/32/EU on measuring instruments, and replace the rated operated condition for the flowrate range from  $Q_3/Q_1 \geq 10$  to  $Q_3/Q_1 \geq 40$ .

Directive 2014/32/EU on measuring instruments was adopted on 26 February 2014 and needs to be transposed by Member States by 19 April 2016. The national provisions implementing that Directive will start applying on 20 April 2016.

It is proposed that this Commission delegated Directive is also transposed by Member States by the same date, 19 April 2016, and that the national provisions start applying on 20 April 2016 as well.

COMMISSION DELEGATED DIRECTIVE ../.../EU

of 31.10.2014

amending Annex III to Directive 2014/32/EU, as regards the flowrate range of water meters

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Directive 2014/32/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of measuring instruments (recast)<sup>1</sup>, and in particular Article 47 (b) thereof,

Whereas:

- (1) Directive 2014/32/EU sets out the requirements that certain measuring instruments have to satisfy with a view to their being placed on the market and/or put to use for specific measuring tasks prescribed by the Member States.
- (2) The first of the specific requirements for water meters (Requirement 1) included in Annex III to Directive 2014/32/EU refers to the rated operating condition for the flowrate range  $Q_3/Q_1 \geq 10$ .
- (3) On 31 October 2011 an update of the standard EN 14154 which included the flowrate range  $Q_3/Q_1 \geq 40$  entered into force. The revised EN 14154 standard reflects the international standard. It is more exigent in relation to the flowrate range than the specific requirements set out in Annex III to Directive 2014/32/EU and results in more precise measurements.
- (4) Prior to the introduction of the flowrate range  $Q_3/Q_1 \geq 10$  by means of Directive 2004/22/EC on measuring instruments, the international OIML standard which already contained a requirement for the flowrate range of  $Q_3/Q_1 \geq 40$  was applied in all Member States. As a result of the transitional provisions provided for in Article 50 (2) of Directive 2014/32/EU, most of the water meters currently placed on the market are already in conformity with the requirement of  $Q_3/Q_1 \geq 40$ .
- (5) Water meters with the flowrate range  $Q_3/Q_1 \geq 10$  may be significantly cheaper than those meeting the requirements of the standard EN 14154 ( $Q_3/Q_1 \geq 40$ ). Directive

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<sup>1</sup> OJ L 96, 29 March 2014, p. 149.

2014/32/EU, in point 10 of Annex III thereto, gives discretion to the utility or the person legally designated for installing the water meter to determine, inter alia, what level of flowrate range is appropriate for the accurate measurement of consumption that is foreseen or foreseeable<sup>2</sup>. Therefore, water meters not conforming to the standard EN 14154 for flowrate range but in line with the requirements set out in Annex III to Directive 2014/32/EU may be installed. This may, however, increase the possibility of customers having errors in bills resulting from the less precise measurement of the meter.

- (6) The flowrate range of  $Q_3/Q_1 \geq 40$  represents the state of the art embodied in the current international standard and manufacturing practice, as well as the minimum quality available at present on the Union market. It provides for more precise measurements thereby ensuring a higher level of protection of consumers. Given that the flowrate range of  $Q_3/Q_1 \geq 40$  has for many years been and still is the minimum being installed by the market, compliance does not involve additional costs for users.
- (7) Directive 2014/32/EU should be amended accordingly,

HAS ADOPTED THIS DIRECTIVE:

#### *Article 1*

In Annex III to Directive 2014/32/EU, point 1 is replaced by the following:

"1. The flowrate range of the water.

The values for the flowrate range shall fulfil the following conditions:

$$Q_3/Q_1 \geq 40$$

$$Q_2/Q_1 = 1,6$$

$$Q_4/Q_3 = 1,25".$$

#### *Article 2*

1. Member States shall adopt and publish, by 19 April 2016 at the latest, the laws, regulations and administrative provisions necessary to comply with this Directive. They shall forthwith communicate to the Commission the text of those provisions.

They shall apply those provisions from 20 April 2016.

When Member States adopt those provisions, they shall contain a reference to this Directive or be accompanied by such a reference on the occasion of their official publication. Member States shall determine how such reference is to be made.

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<sup>2</sup> See point 10 of Annex III.

2. Member States shall communicate to the Commission the text of the main provisions of national law which they adopt in the field covered by this Directive.

### *Article 3*

This Directive shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

### *Article 4*

This Directive is addressed to the Member States.

Done at Brussels, 31.10.2014

*For the Commission*  
*The President*  
*José Manuel BARROSO*