Council of the European Union

Brussels, 18 November 2025
(OR. en)

14868/25
ADD 1

LIMITE

ENT 244
MI 861
CONSOM 245
COMPET 1104
CODEC 1703

PUBLIC

Interinstitutional File:
2024/0311 (COD)

NOTE

From:	General Secretariat of the Council
To:	Permanent Representatives Committee
No. Cion doc.:	16426/24 + ADD 1
Subject:	Proposal for a Directive of the European Parliament and of the Council amending Directive 2014/32/EU as regards electric vehicle supply equipment, compressed gas dispensers, and electricity, gas and thermal energy meters - *Preparation for the trilogue*

Proposal for a DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL amending Directive 2014/32/EU as regards electric vehicle supply equipment, compressed gas dispensers, and electricity, gas and thermal energy meters (Text with EEA relevance)

2024/0311(COD)
DRAFT [Outcome ITM 6/11]
07-11-2025 at 11h28

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
Formula				
1	2024/0311 (COD)	2024/0311 (COD)	2024/0311 (COD)	2024/0311 (COD) Text Origin: Corr COM proposal
Document Stage				
2	Proposal for a	Proposal for a	Proposal for a	Proposal for a Text Origin: Corr COM proposal
Document Type				
3	DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL	DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL	DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL	DIRECTIVE OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL Text Origin: Corr COM proposal
Document Purpose				
4	amending Directive 2014/32/EU as regards electric vehicle supply equipment, compressed gas dispensers, and electricity, gas and thermal energy meters	amending Directive 2014/32/EU as regards electric vehicle supply equipment, compressed gas dispensers, and electricity, gas and thermal energy meters	amending Directive 2014/32/EU as regards electric vehicle supply equipment, compressed gas dispensers, and electricity, gas and thermal energy meters	amending Directive 2014/32/EU as regards electric vehicle supply equipment, compressed gas dispensers, and electricity, gas and thermal energy meters

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: Corr COM proposal
EEA Relevance				
5	(Text with EEA relevance)	(Text with EEA relevance)	(Text with EEA relevance)	(Text with EEA relevance) Text Origin: Corr COM proposal
Formula				
6	THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,	THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,	THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION,	THE EUROPEAN PARLIAMENT AND THE COUNCIL OF THE EUROPEAN UNION, Text Origin: Corr COM proposal
Citation 1				
7	Having regard to the Treaty on the Functioning of the European Union, and in particular Article 114 thereof,	Having regard to the Treaty on the Functioning of the European Union, and in particular Article 114 thereof,	Having regard to the Treaty on the Functioning of the European Union, and in particular Article 114 thereof,	Having regard to the Treaty on the Functioning of the European Union, and in particular Article 114 thereof, Text Origin: Corr COM proposal
Citation 2				
8	Having regard to the proposal from the European Commission,	Having regard to the proposal from the European Commission,	Having regard to the proposal from the European Commission,	Having regard to the proposal from the European Commission, Text Origin: Corr COM proposal
Citation 3				

PUBLIC

		COM proposal	EP Mandate	Council Mandate	Draft Agreement
G	9	After transmission of the draft legislative act to the national Parliaments,	After transmission of the draft legislative act to the national Parliaments,	After transmission of the draft legislative act to the national Parliaments	After transmission of the draft legislative act to the national Parliaments, Text Origin: Corr COM proposal
	Citation 4				
G	10	Having regard to the opinion of the European Economic and Social Committee[1], _____ 1. OJ C , , p. .	Having regard to the opinion of the European Economic and Social Committee[1], _____ 1. OJ C , , p. .	Having regard to the opinion of the European Economic and Social Committee[1], _____ 1. OJ C , , p. .	Having regard to the opinion of the European Economic and Social Committee[1], _____ 1. OJ C , , p. . Text Origin: Corr COM proposal
	Citation 5				
G	11	Acting in accordance with the ordinary legislative procedure,	Acting in accordance with the ordinary legislative procedure,	Acting in accordance with the ordinary legislative procedure,	Acting in accordance with the ordinary legislative procedure, Text Origin: Corr COM proposal
	Formula				
G	12	Whereas:	Whereas:	Whereas:	Whereas: Text Origin: Corr COM proposal
	Recital 1				
G	13	(1) One of the objectives of Directive 2014/32/EU of the European Parliament and of the Council[1] on measuring instruments is to guarantee the proper functioning of the internal	(1) One of the objectives of Directive 2014/32/EU of the European Parliament and of the Council[1] on measuring instruments is to guarantee the proper functioning of the internal	(1) One of the objectives of Directive 2014/32/EU of the European Parliament and of the Council[1] on measuring instruments is to guarantee the proper functioning of the internal	(1) One of the objectives of Directive 2014/32/EU of the European Parliament and of the Council[1] on measuring instruments is to guarantee the proper functioning of the internal

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
	market. Pursuant to Article 6 of Directive 2014/32/EU, measuring instruments falling within the scope of that Directive are to meet the essential requirements set out in Annex I and in the relevant instrument-specific Annexes. _____ 1. 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 (OJ L 96, 29.3.2014, p. 149, ELI: http://data.europa.eu/eli/dir/2014/32/oj).	market. Pursuant to Article 6 of Directive 2014/32/EU, measuring instruments falling within the scope of that Directive are to meet the essential requirements set out in Annex I and in the relevant instrument-specific Annexes. _____ 1. 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 (OJ L 96, 29.3.2014, p. 149, ELI: http://data.europa.eu/eli/dir/2014/32/oj).	market. Pursuant to Article 6 of Directive 2014/32/EU, measuring instruments falling within the scope of that Directive are to meet the essential requirements set out in Annex I and in the relevant instrument-specific Annexes. _____ 1. 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 (OJ L 96, 29.3.2014, p. 149, ELI: http://data.europa.eu/eli/dir/2014/32/oj).	market. Pursuant to Article 6 of Directive 2014/32/EU, measuring instruments falling within the scope of that Directive are to meet the essential requirements set out in Annex I and in the relevant instrument-specific Annexes. _____ 1. 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 (OJ L 96, 29.3.2014, p. 149, ELI: http://data.europa.eu/eli/dir/2014/32/oj). Text Origin: Corr COM proposal
Recital 2				
14	(2) The scope and the associated essential requirements covered by Directive 2014/32/EU were already established by Directive 2004/22/EC[1], of which Directive 2014/32/EU is a recast. Thus, they have remained unchanged for more than 20 years. In the meantime, new measuring instruments have appeared on the market that are not covered by Directive 2014/32/EU. That is notably the case for electric vehicle supply equipment and compressed gas dispensers, which	(2) The scope and the associated essential requirements covered by Directive 2014/32/EU were already established by Directive 2004/22/EC[1], of which Directive 2014/32/EU is a recast. Thus, they have remained unchanged for more than 20 years. In the meantime, new measuring instruments have appeared on the market that are not covered by Directive 2014/32/EU. That is notably the case for electric vehicle supply equipment and compressed gas dispensers, which	(2) The scope and the associated essential requirements covered by Directive 2014/32/EU were ~~already~~ established by Directive 2004/22/EC[1], of which Directive 2014/32/EU is a recast. ~~Thus, they~~***Technical requirements*** have remained unchanged for more than 20 years. In the meantime, new measuring instruments have appeared on the market that are not covered by Directive 2014/32/EU. That is notably the case for electric vehicle supply equipment and	(2) The scope and the associated essential requirements covered by Directive 2014/32/EU were ~~already~~ established by Directive 2004/22/EC[1], of which Directive 2014/32/EU is a recast. ~~Thus, they~~***Technical requirements*** have remained unchanged for more than 20 years. In the meantime, new measuring instruments have appeared on the market that are not covered by Directive 2014/32/EU. That is notably the case for electric vehicle supply equipment and

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
	are important for the successful rollout of clean mobility. Moreover, Directive 2014/32/EU does not cover thermal energy meters for cooling applications. In addition, as far as electricity and gas meters are concerned, Directive 2014/32/EU neither covers the use of hydrogen and other gases that can be used as alternatives to more traditional gases, nor enables to take full advantage of smart metering which plays an important role in achieving the Union climate objectives. Therefore, it is appropriate to amend the scope of Directive 2014/32/EU and the essential requirements set out in the Annexes to that Directive in order to take into account technological progress. _____ 1. Directive 2004/22/EC of the European Parliament and of the Council of 31 March 2004 on measuring instruments (OJ L 135, 30.4.2004, p. 1, ELI: http://data.europa.eu/eli/dir/2004/22/oj).	are important for the successful rollout of clean mobility. Moreover, Directive 2014/32/EU does not cover thermal energy meters for cooling applications. In addition, as far as electricity and gas meters are concerned, Directive 2014/32/EU neither covers the use of hydrogen and other gases that can be used as alternatives to more traditional gases, nor enables to take full advantage of smart metering which plays an important role in achieving the Union climate objectives. Therefore, it is appropriate to amend the scope of Directive 2014/32/EU and the essential requirements set out in the Annexes to that Directive in order to take into account technological progress. ***Further amendments, particularly in response to technological developments such as those affecting water meters, should be considered in a future revision of Directive 2014/32/EU. Such a revision should aim to assess whether the essential requirements for these measuring instruments remain appropriate to ensure high metrological performance and their***	compressed gas dispensers, which are important for the successful rollout of clean mobility. Moreover, Directive 2014/32/EU does not cover ***requirements for*** thermal energy meters for cooling applications. In addition, as far as electricity and gas meters are concerned, Directive 2014/32/EU ***is*** neither ~~covers~~***adapted to*** the use of ***direct current,*** hydrogen and other gases that can be used as alternatives to more traditional gases, nor enables to take full advantage of smart metering which plays an important role in achieving the Union climate objectives. Therefore, it is appropriate to amend the scope of Directive 2014/32/EU and the essential requirements set out in the Annexes to that Directive in order to take into account technological progress. _____ 1. Directive 2004/22/EC of the European Parliament and of the Council of 31 March 2004 on measuring instruments (OJ L 135, 30.4.2004, p. 1, ELI: http://data.europa.eu/eli/dir/2004/22/oj).	compressed gas dispensers, which are important for the successful rollout of clean mobility. Moreover, Directive 2014/32/EU does not cover ***requirements for*** thermal energy meters for cooling applications. In addition, as far as electricity and gas meters are concerned, Directive 2014/32/EU ***is*** neither ~~covers~~***adapted to*** the use of ***direct current,*** hydrogen and other gases that can be used as alternatives to more traditional gases, nor enables to take full advantage of smart metering which plays an important role in achieving the Union climate objectives. Therefore, it is appropriate to amend ***in a targeted way*** the scope of Directive 2014/32/EU and the essential requirements set out in the Annexes to that Directive in order to take into account technological progress. ***The placing on the market of measuring instruments should be further addressed in a systematic and comprehensive way through a general revision of Directive 2014/32/EU, including Annex I and instrument specific annexes, such as water meters, to adapt the current EU framework***

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
		compatibility with evolving digital infrastructures. _____ 1. Directive 2004/22/EC of the European Parliament and of the Council of 31 March 2004 on measuring instruments (OJ L 135, 30.4.2004, p. 1, ELI: http://data.europa.eu/eli/dir/2004/22/oj).		***to the technological developments.*** _____ 1. Directive 2004/22/EC of the European Parliament and of the Council of 31 March 2004 on measuring instruments (OJ L 135, 30.4.2004, p. 1, ELI: http://data.europa.eu/eli/dir/2004/22/oj). COM on EP text: That is a given. It would be an issue to address this here as EP proposes. EP: It is not the first time. Political element to accommodate groups' concerns. Need to keep it. EP provided new wording.
Recital 3				
G 15	(3) Annexes I, IV, V and VI to Directive 2014/32/EU are no longer technology neutral as they do not provide essential requirements corresponding to new technologies, which provide improved protection to consumers, and should thus be amended.	(3) Annexes I, IV, V and VI to Directive 2014/32/EU are no longer technology neutral as they do not provide essential requirements corresponding to new technologies, which provide improved protection to consumers, and should thus be amended.	(3) Annexes I, IV, V and VI to Directive 2014/32/EU are no longer technology neutral as they do not provide essential requirements corresponding to new technologies, which provide improved protection to consumers, and should thus be amended.	(3) Annexes I, IV, V and VI to Directive 2014/32/EU are no longer technology neutral as they do not provide essential requirements corresponding to new technologies, which provide improved protection to consumers, and should thus be amended. Text Origin: Corr COM proposal
Recital 4				
G 16	(4) Annex I to Directive 2014/32/EU should be amended in order to take into account the roll	(4) Annex I to Directive 2014/32/EU should be amended in order to take into account the roll	(4) Annex I to Directive 2014/32/EU should be amended in order to take into account the roll	(4) Annex I to Directive 2014/32/EU should be amended in order to take into account the roll

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement	
	out of smart gas and electricity meters and the new measuring instruments covered by the new instrument-specific Annexes.	out of smart gas and electricity meters and the new measuring instruments covered by the new instrument-specific Annexes.	out of smart gas and electricity meters and the new measuring instruments covered by the new instrument-specific Annexes.	out of smart gas and electricity meters and the new measuring instruments covered by the new instrument-specific Annexes. Text Origin: Corr COM proposal	
Recital 5					
G	17	(5) Annex IV to Directive 2014/32/EU should be amended to take into account the growing use of hydrogen and other gases that can be used as alternatives to more traditional gases and the rollout of smart gas meters.	(5) Annex IV to Directive 2014/32/EU should be amended to take into account the growing use of hydrogen and other gases that can be used as alternatives to more traditional gases and the rollout of smart gas meters.	(5) Annex IV to Directive 2014/32/EU should be amended to take into account the growing use of hydrogen and other ***fuel*** gases that can be used as alternatives to more traditional ***fuel*** gases and the ~~rollout~~***roll-out*** of smart gas meters.	(5) Annex IV to Directive 2014/32/EU should be amended to take into account the growing use of hydrogen and other ***fuel*** gases that can be used as alternatives to more traditional ***fuel*** gases and the ~~rollout~~***roll-out*** of smart gas meters. Linguistic DQL/DLA check Text Origin: Council Mandate
Recital 6					
Y	18	(6) Annex V to Directive 2014/32/EU should be amended to take account of the rollout of smart electricity meters.	(6) Annex V to Directive 2014/32/EU should be amended to take account of the rollout of smart electricity meters.	(6) Annex V to Directive 2014/32/EU should be amended to take account of the rollout of smart electricity meters ***and to fit with the applications using direct current***.	(6) Annex V to Directive 2014/32/EU should be amended to take account of the rollout of smart electricity meters ***and to fit with the applications using direct current***. Text Origin: Council Mandate
Recital 7					

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
19	(7) A new Annex Va to Directive 2014/32/EU should be inserted in order to address the need for harmonised essential requirements with regard to measuring systems for electric vehicle supply equipment.	(7) A new Annex Va to Directive 2014/32/EU should be inserted in order to address the need for harmonised essential requirements with regard to measuring systems for electric vehicle supply equipment.	(7) A new Annex Va to Directive 2014/32/EU should be inserted in order to address the need for harmonised essential requirements with regard to measuring systems for electric vehicle supply equipment.	(7) A new Annex Va to Directive 2014/32/EU should be inserted in order to address the need for harmonised essential requirements with regard to measuring systems for electric vehicle supply equipment, ***irrespective of their intended application, while ensuring that no retrofitting obligations are imposed on existing charging stations***. *EP to redraft to a shorter version of proposed recital 7a.* *PRES: Added wording 'irrespective of their intended application' to align with compromise in row 175.* Text Origin: Corr COM proposal
Recital 7a				
19a		***(7a) The improvement of electric vehicle charging infrastructure is in the common interest of all stakeholders. This Directive does not aim to impose retrofitting obligations on existing charging stations, but to establish a harmonised framework for newly installed electric vehicle supply equipment.***		*deleted*
Recital 8				

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
20	*(8)* Annex VI to Directive 2014/32/EU should be amended to include thermal energy meters for cooling applications in order to avoid additional certification of such products at national level.	(8) Annex VI to Directive 2014/32/EU should be amended to include thermal energy meters for cooling applications in order to avoid additional certification of such products at national level.	(8) Annex VI to Directive 2014/32/EU should be amended to include thermal energy meters for cooling applications in order to avoid additional certification of such products at national level.	(8) Annex VI to Directive 2014/32/EU should be amended to include thermal energy meters for cooling applications in order to avoid additional certification of such products at national level. Text Origin: Corr COM proposal
Recital 9				
21	(9) The increased use of compressed gases, such as hydrogen and natural gas requires the insertion of a new Annex VIIa to Directive 2014/32/EU on measuring systems for compressed gas dispensers.	(9) The increased use of compressed gases, such as hydrogen and natural gas requires the insertion of a new Annex VIIa to Directive 2014/32/EU on measuring systems for compressed gas dispensers.	(9) The increased use of compressed gases, such as hydrogen and natural gas, requires the insertion of a new Annex VIIa to Directive 2014/32/EU on measuring systems for compressed gas dispensers.	(9) The increased use of compressed gases, such as hydrogen and natural gas, requires the insertion of a new Annex VIIa to Directive 2014/32/EU on measuring systems for compressed gas dispensers***, while ensuring that no retrofitting obligations are imposed on existing compressed gas dispensers***. Text Origin: Council Mandate
Recital 10				
22	(10) Since the objective of this Directive, namely to ensure that measuring instruments on the market fulfil the requirements providing for a high level of protection of the public interests covered by this Directive while guaranteeing the functioning of the internal market, cannot be sufficiently achieved by the	(10) Since the objective of this Directive, namely to ensure that measuring instruments on the market fulfil the requirements providing for a high level of protection of the public interests covered by this Directive while guaranteeing the functioning of the internal market, cannot be sufficiently achieved by the	(10) Since the objective of this Directive, namely to ensure that measuring instruments on the market fulfil the requirements providing for a high level of protection of the public interests covered by this Directive while guaranteeing the functioning of the internal market, cannot be sufficiently achieved by the	(10) Since the objective of this Directive, namely to ensure that measuring instruments on the market fulfil the requirements providing for a high level of protection of the public interests covered by this Directive while guaranteeing the functioning of the internal market, cannot be sufficiently achieved by the

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
	Member States but can rather, by reason of its scale and effects, be better achieved at Union level, the Union may adopt measures, in accordance with the principle of subsidiarity as set out in Article 5 of the Treaty on European Union. In accordance with the principle of proportionality, as set out in that Article, this Directive does not go beyond what is necessary in order to achieve that objective.	Member States but can rather, by reason of its scale and effects, be better achieved at Union level, the Union may adopt measures, in accordance with the principle of subsidiarity as set out in Article 5 of the Treaty on European Union. In accordance with the principle of proportionality, as set out in that Article, this Directive does not go beyond what is necessary in order to achieve that objective.	Member States but can rather, by reason of its scale and effects, be better achieved at Union level, the Union may adopt measures, in accordance with the principle of subsidiarity as set out in Article 5 of the Treaty on European Union. In accordance with the principle of proportionality, as set out in that Article, this Directive does not go beyond what is necessary in order to achieve that objective.	Member States but can rather, by reason of its scale and effects, be better achieved at Union level, the Union may adopt measures, in accordance with the principle of subsidiarity as set out in Article 5 of the Treaty on European Union. In accordance with the principle of proportionality, as set out in that Article, this Directive does not go beyond what is necessary in order to achieve that objective. Text Origin: Corr COM proposal
Recital 11				
R	23	(11) In order to enable distributors to supply stock of measuring instruments that have been placed on the market before the date of application of the national measures transposing this Directive, it is necessary to provide for reasonable transitional arrangements that allow the making available on the market and putting into use of measuring instruments that have already been placed on the market in accordance with Directive 2014/32/EU before the date of application of the national	(11) In order to enable distributors to supply stock of measuring instruments that have been placed on the market before the date of application of the national measures transposing this Directive, it is necessary to provide for reasonable transitional arrangements that allow the making available on the market and putting into use of measuring instruments that have already been placed on the market in accordance with Directive 2014/32/EU before the date of application of the national	(11) In order to enable distributors to supply stock of measuring instruments that ~~*have been placed on the market before the date of application of the national measures transposing this*~~***are in conformity with Directive 2014/32/EU or fall within the scope of that*** Directive***, as amended***, it is necessary to provide for reasonable transitional arrangements that allow the making available on the market and putting into use of measuring instruments that have already been placed on the market ~~*in accordance with Directive*~~	(11) In order to enable ~~*distributors*~~***economic operators*** to supply stock of measuring instruments that ~~*have been placed on the market before the date of application of the national measures transposing this*~~***are in conformity with*** Directive ***2014/32/EU***, it is necessary to provide for reasonable transitional arrangements that allow the making available on the market and putting into use of measuring instruments that have already been placed on the market in accordance with Directive 2014/32/EU before the date of

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
	measures transposing this Directive.	measures transposing this Directive.	~~2014/32/EU before~~**no later than 60 months after** the date of ~~application of the national measures transposing this~~ entry into force of this Directive.	application of the national measures transposing this Directive. **Furthermore, specific transitional arrangements should be put in place to allow economic operators to prepare for the application of the harmonised requirements regarding electric vehicle supply equipment and compressed gas dispensers.** Link to Article 2
Recital 12				
24	(12) Moreover, in order to provide sufficient time for manufacturers to adapt their products to the essential requirements set out in the Annexes to this Directive, it is also necessary to provide for reasonable transitional arrangements that allow the making available on the market and putting into use of measuring instruments that have been placed on the market in accordance with national certificates or for which a certificate was issued under Directive 2014/32/EU before the date of application of the national measures transposing this	(12) Moreover, in order to provide sufficient time for manufacturers to adapt their products to the essential requirements set out in the Annexes to this Directive, it is also necessary to provide for reasonable transitional arrangements that allow the making available on the market and putting into use of measuring instruments that have been placed on the market in accordance with national certificates or for which a certificate was issued under Directive 2014/32/EU before the date of application of the national measures transposing this	(12) Moreover, in order to provide sufficient time for manufacturers to adapt their products to the essential requirements set out in the Annexes to this Directive, it is also necessary to provide for reasonable transitional arrangements that allow the making available on the market and putting into use of measuring instruments that have been placed on the market in accordance with national certificates or for which a certificate was issued under Directive 2014/32/EU before the date of application of the national measures transposing this	(12) Moreover, in order to provide sufficient time for manufacturers to adapt their products to the essential requirements set out in the Annexes to this Directive, it is also necessary to provide for reasonable transitional arrangements that allow the making available on the market and putting into use of measuring instruments that have been placed on the market in accordance with national certificates or for which a certificate was issued under Directive 2014/32/EU before the date of application of the national measures transposing this

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
	Directive, and that will fall in the scope of Directive 2014/32/EU as of the date of entry into force of this Directive.	Directive, and that will fall in the scope of Directive 2014/32/EU as of the date of entry into force of this Directive.	Directive, and that will fall in the scope of Directive 2014/32/EU as of the date of entry into force of this Directive.	Directive, and that will fall in the scope of Directive 2014/32/EU as of the date of entry into force of this Directive. Text Origin: Corr COM proposal
Recital 13				
25	(13) Directive 2014/32/EU should therefore be amended accordingly,	(13) Directive 2014/32/EU should therefore be amended accordingly,	(13) Directive 2014/32/EU should therefore be amended accordingly,	(13) Directive 2014/32/EU should therefore be amended accordingly, Text Origin: Corr COM proposal
Formula				
26	HAVE ADOPTED THIS DIRECTIVE:	HAVE ADOPTED THIS DIRECTIVE:	HAVE ADOPTED THIS DIRECTIVE:	HAVE ADOPTED THIS DIRECTIVE: Text Origin: Corr COM proposal
Article 1				
27	Article 1	Article 1	Article 1	Article 1 Text Origin: Corr COM proposal
Article 1, first paragraph				
28	Directive 2014/32/EU is amended as follows:	Directive 2014/32/EU is amended as follows:	Directive 2014/32/EU is amended as follows:	Directive 2014/32/EU is amended as follows: Text Origin: Corr COM proposal
Article 1, first paragraph, point (1)				

PUBLIC

		COM proposal	EP Mandate	Council Mandate	Draft Agreement	
G	29	(1) in Article 2, paragraph 1 is replaced by the following:	(1) in Article 2, paragraph 1 is replaced by the following:	(1) in Article 2, paragraph 1 is replaced by the following:	(1) in Article 2, paragraph 1 is replaced by the following: Text Origin: Corr COM proposal	G
Article 1, first paragraph, point (1), amending provision, numbered paragraph (1)						
Y	30	‘ 1. This Directive applies to the measuring instruments defined in the instrument-specific Annexes III to XII (‘instrument-specific Annexes’) concerning water meters (MI-001), gas meters and conversion devices (MI-002), active electrical energy meters (MI-003), measuring systems for electric vehicle supply equipment (MI-003a), thermal energy meters (MI-004), measuring systems for continuous and dynamic measurement of quantities of liquids other than water (MI-005), measuring systems for compressed gas dispensers (MI-005a), automatic weighing instruments (MI-006), taximeters (MI-007), material measures (MI-008), dimensional measuring instruments (MI-009) and exhaust gas analysers (MI-010).; ’	‘ 1. This Directive applies to the measuring instruments defined in the instrument-specific Annexes III to XII (‘instrument-specific Annexes’) concerning water meters (MI-001), gas meters and conversion devices (MI-002), active electrical energy meters (MI-003), measuring systems for electric vehicle supply equipment (MI-003a), thermal energy meters (MI-004), measuring systems for continuous and dynamic measurement of quantities of liquids other than water (MI-005), measuring systems for compressed gas dispensers (MI-005a), automatic weighing instruments (MI-006), taximeters (MI-007), material measures (MI-008), dimensional measuring instruments (MI-009) and exhaust gas analysers (MI-010).; ’	‘ 1. This Directive applies to the measuring instruments defined in the instrument-specific Annexes III to XII (‘instrument-specific Annexes’) concerning water meters (MI-001), gas meters and conversion devices (MI-002), active electrical energy meters (MI-003), measuring systems for electric vehicle supply equipment (MI-~~003a~~***011***), thermal energy meters (MI-004), measuring systems for continuous and dynamic measurement of quantities of liquids other than water (MI-005), measuring systems for compressed gas dispensers (MI-~~005a~~***012***), automatic weighing instruments (MI-006), taximeters (MI-007), material measures (MI-008), dimensional measuring instruments (MI-009) and exhaust gas analysers (MI-010).; ’	‘ 1. This Directive applies to the measuring instruments defined in the instrument-specific Annexes III to XII (‘instrument-specific Annexes’) concerning water meters (MI-001), gas meters and conversion devices (MI-002), active electrical energy meters (MI-003), measuring systems for electric vehicle supply equipment (MI-~~003a~~***011***), thermal energy meters (MI-004), measuring systems for continuous and dynamic measurement of quantities of liquids other than water (MI-005), measuring systems for compressed gas dispensers (MI-~~005a~~***012***), automatic weighing instruments (MI-006), taximeters (MI-007), material measures (MI-008), dimensional measuring instruments (MI-009) and exhaust gas analysers (MI-010).; ’ Text Origin: Council Mandate	Y

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
Article 1, first paragraph, point (2)				
31	(2) Annex I is amended in accordance with Annex I to this Directive;	(2) Annex I is amended in accordance with Annex I to this Directive;	(2) Annex I is amended in accordance with Annex I to this Directive;	(2) Annex I is amended in accordance with Annex I to this Directive; Text Origin: Corr COM proposal
Article 1, first paragraph, point (3)				
32	(3) Annex IV is amended in accordance with Annex II to this Directive;	(3) Annex IV is amended in accordance with Annex II to this Directive;	(3) Annex IV is amended in accordance with Annex II to this Directive;	(3) Annex IV is amended in accordance with Annex II to this Directive; Text Origin: Corr COM proposal
Article 1, first paragraph, point (4)				
33	(4) Annex V is amended in accordance with Annex III to this Directive;	(4) Annex V is amended in accordance with Annex III to this Directive;	(4) Annex V is amended in accordance with Annex III to this Directive;	(4) Annex V is amended in accordance with Annex III to this Directive; Text Origin: Corr COM proposal
Article 1, first paragraph, point (5)				
34	(5) Annex Va is inserted as set out in Annex IV to this Directive;	(5) Annex Va is inserted as set out in Annex IV to this Directive;	(5) Annex Va is inserted as set out in Annex IV to this Directive;	(5) Annex Va is inserted as set out in Annex IV to this Directive; Text Origin: Corr COM proposal
Article 1, first paragraph, point (6)				
35	(6) Annex VI is amended in accordance with Annex V to this Directive;	(6) Annex VI is amended in accordance with Annex V to this Directive;	(6) Annex VI is amended in accordance with Annex V to this Directive;	(6) Annex VI is amended in accordance with Annex V to this Directive;

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement	
				Text Origin: Corr COM proposal	
Article 1, first paragraph, point (7)					
G	36	(7) Annex VIIa is inserted as set out in Annex VI to this Directive.	(7) Annex VIIa is inserted as set out in Annex VI to this Directive.	(7) Annex VIIa is inserted as set out in Annex VI to this Directive.	(7) Annex VIIa is inserted as set out in Annex VI to this Directive. Text Origin: Corr COM proposal	G
Article 2					
G	37	Article 2	Article 2	Article 2	Article 2 Text Origin: Corr COM proposal	G
Article 2(1)					
R	38	1. By way of derogation from Article 7(2) of Directive 2014/32/EU, Member States shall not impede the making available on the market and putting into use of measuring instruments that are in conformity with Directive 2014/32/EU in the version in force on [OP please insert the date = the date of 1 day before of entry into force of this Directive] and that have been placed on the market before [OP please insert the date = [24 months] after the date of entry into force of this Directive].	1. By way of derogation from Article 7(2) of Directive 2014/32/EU, Member States shall not impede the making available on the market and putting into use of measuring instruments that are in conformity with Directive 2014/32/EU in the version in force on [OP please insert the date = the date of 1 day before of entry into force of this Directive] and that have been placed on the market before [OP please insert the date = [24 months] after the date of entry into force of this Directive].	1. By way of derogation from Article 7(2) of Directive 2014/32/EU, Member States shall not impede the making available on the market and putting into use of measuring instruments that are in conformity with ***that*** Directive ~~*2014/32/EU in the version in force*~~***or fall within the scope of that Directive, as amended,*** on [OP please insert the date = the date of ~~*1 day before of*~~ entry into force of this ***amending*** Directive] and that have been placed on the market before [OP please insert the date = [~~*24*~~***60*** months] after the	1. By way of derogation from Article 7(2) of Directive 2014/32/EU, Member States shall not impede the making available on the market and putting into use of measuring instruments that are in conformity with ***that*** Directive ~~*2014/32/EU in the version in force*~~ on [OP please insert the date = the date of 1 day before of entry into force of this ***amending*** Directive], and that have been placed on the market before [OP please insert the date = [~~*24*~~***24/30*** months] after the date of entry into force of this ***amending*** Directive].	R

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
			date of entry into force of this ***amending*** Directive].	
Article 2(1a)				
R 38a				***1a. By way of derogation from Article 7(2) of Directive 2014/32/EU, Member States shall not impede the making available on the market and putting into use of measuring instruments defined in Annexes Va and VIIa of that Directive, as amended on [OP please insert the date = the date of entry into force of this amending Directive], that are in conformity with national regulation of a Member State and that have been placed on the market before [OP please insert the date = [24/60 months] after the date of entry into force of this amending Directive].*** R
Article 2(2)				
R 39	2. By way of derogation from Article 7(2) of Directive 2014/32/EU, certificates issued under Directive 2014/32/EU and national certificates, covering measuring instruments that fall in the scope of Directive 2014/32/EU from [OP please insert the date = date of entry into force of this Directive] and that have been	2. By way of derogation from Article 7(2) of Directive 2014/32/EU, certificates issued under Directive 2014/32/EU and national certificates, covering measuring instruments that fall in the scope of Directive 2014/32/EU from [OP please insert the date = date of entry into force of this Directive] and that have been	2. By way of derogation from Article 7(2) of Directive 2014/32/EU, certificates ~~*issued under Directive 2014/32/EU and national certificates,*~~ covering measuring instruments that fall ~~*in*~~***within*** the scope of Directive 2014/32/EU***, as amended on*** ~~*from*~~ [OP please insert the date = date of entry into force of this ***amending***	2. By way of derogation from Article 7(2) of Directive 2014/32/EU, certificates ~~*issued under Directive 2014/32/EU and national certificates,*~~ covering measuring instruments that fall ~~*in*~~***within*** the scope of Directive 2014/32/EU***, as amended on*** ~~*from*~~ [OP please insert the date = date of entry into force of this ***amending*** R

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
	placed on the market before [OP please insert the date = 24 months after the date of entry into force of this Directive], shall remain valid until the expiry of their validity, and in any case no longer than until [OP please insert the date = 12 years from the date of entry into force of this Directive].	placed on the market before [OP please insert the date = 24 months after the date of entry into force of this Directive], shall remain valid until the expiry of their validity, and in any case no longer than until [OP please insert the date = 12 years from the date of entry into force of this Directive].	***Directive] whether these are issued nationally or under*** Directive ~~] and that have been placed on the market~~***2014/32/EU,*** before [OP please insert the date = ~~24 months after the~~ date of ~~entry into force~~***application*** of this ***amending*** Directive], shall remain valid until the expiry of their validity, and in any case no longer than until [OP please insert the date = 12 years from the date of entry into force of this ***amending*** Directive].	***Directive] whether these are issued nationally or under*** Directive ~~] and that have been placed on the market~~***2014/32/EU,*** before [OP please insert the date = ~~24 months after the~~ date of ~~entry into force~~***application*** of this ***amending*** Directive], shall remain valid until the expiry of their validity, and in any case no longer than until [OP please insert the date = 12 years from the date of entry into force of this ***amending*** Directive]. Text Origin: Council Mandate
Article 3				
G 40	Article 3	Article 3	Article 3	Article 3 Text Origin: Corr COM proposal G
Article 3(1), first subparagraph				
R 41	1. Member States shall adopt and publish, by [Note to PO: insert exact date – [12 months] after entry into force of this Directive] at the latest, the laws, regulations and administrative provisions necessary to comply with this Directive. They shall forthwith	1. Member States shall adopt and publish, by [Note to PO: insert exact date – [12 months] after entry into force of this Directive] at the latest, the laws, regulations and administrative provisions necessary to comply with this Directive. They shall forthwith	1. Member States shall adopt and publish, by [Note to PO: insert exact date – [~~12~~***24*** months] after entry into force of this Directive] ~~at the latest~~, the laws, regulations and administrative provisions necessary to comply with this Directive. They shall forthwith	1. Member States shall adopt and publish, by [Note to PO: insert exact date – [~~12~~***12/24*** months] after entry into force of this Directive]~~ at the latest~~, the laws, regulations and administrative provisions necessary to comply with this Directive. They shall forthwith communicate to the R

		COM proposal	EP Mandate	Council Mandate	Draft Agreement
		communicate to the Commission the text of those provisions.	communicate to the Commission the text of those provisions.	communicate to the Commission the text of those provisions.	Commission the text of those provisions. Text Origin: Council Mandate
	Article 3(1), second subparagraph				
R	42	They shall apply those provisions from [Note to PO: insert exact date – [24 months] after entry into force of this Directive].	They shall apply those provisions from [Note to PO: insert exact date – [24 months] after entry into force of this Directive].	They shall apply those provisions from [Note to PO: insert exact date – [~~24~~ ***30*** months] after entry into force of this Directive].	They shall apply those provisions from [Note to PO: insert exact date – [~~24~~ ***24/30*** months] after entry into force of this Directive]. Text Origin: Council Mandate
	Article 3(1), third subparagraph				
G	43	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.	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.	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.	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. Text Origin: Corr COM proposal
	Article 3(2)				
G	44	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.	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.	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.	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. Text Origin: Corr COM proposal

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
Article 4				
45	Article 4	Article 4	Article 4	Article 4 Text Origin: Corr COM proposal
Article 4, first paragraph				
46	This Directive shall enter into force on the twentieth day following that of its publication in the Official Journal of the European Union.	This Directive shall enter into force on the twentieth day following that of its publication in the Official Journal of the European Union.	This Directive shall enter into force on the twentieth day following that of its publication in the Official Journal of the European Union.	This Directive shall enter into force on the twentieth day following that of its publication in the Official Journal of the European Union. Text Origin: Corr COM proposal
Article 5				
47	Article 5	Article 5	Article 5	Article 5 Text Origin: Corr COM proposal
Article 5, first paragraph				
48	This Directive is addressed to the Member States.	This Directive is addressed to the Member States.	This Directive is addressed to the Member States.	This Directive is addressed to the Member States. Text Origin: Corr COM proposal
Formula				
49	Done at Brussels,	Done at Brussels,	Done at Brussels,	Done at Brussels, Text Origin: Corr COM proposal
Formula				

PUBLIC

		COM proposal	EP Mandate	Council Mandate	Draft Agreement	
G	50	For the European Parliament	For the European Parliament	For the European Parliament	For the European Parliament Text Origin: Corr COM proposal	G
Formula						
G	51	The President	The President	The President	The President Text Origin: Corr COM proposal	G
Formula						
G	52	For the Council	For the Council	For the Council	For the Council Text Origin: Corr COM proposal	G
Formula						
G	53	The President	The President	The President	The President Text Origin: Corr COM proposal	G
Annex I						
G	54	Annex I	Annex I	Annex I	Annex I Text Origin: Corr COM proposal	G
Annex I, first paragraph						
G	55	Annex I to Directive 2014/32/EU is amended as follows:	Annex I to Directive 2014/32/EU is amended as follows:	Annex I to Directive 2014/32/EU is amended as follows:	Annex I to Directive 2014/32/EU is amended as follows: Text Origin: Corr COM proposal	G
Annex I, second paragraph						

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
56	(1) in part 'DEFINITIONS', in the seventh row of the table, the definition of 'Direct sales' is replaced by the following:	(1) in part 'DEFINITIONS', in the seventh row of the table, the definition of 'Direct sales' is replaced by the following:	(1) in part 'DEFINITIONS', in the ***table,*** seventh row ~~*of the table, the definition of 'Direct sales',*~~ ***second column, third indent*** is replaced by the following:	(1) in part 'DEFINITIONS', in the ***table,*** seventh row ~~*of the table, the definition of 'Direct sales',*~~ ***second column, third indent*** is replaced by the following: Text Origin: Council Mandate
Annex I, second paragraph, amending provision, first paragraph				
57	' A trading transaction is direct sales if:	' A trading transaction is direct sales if:	' ~~*A trading transaction is direct sales if:*~~	' ~~*A trading transaction is direct sales if:*~~ Text Origin: Corr COM proposal
Annex I, second paragraph, amending provision, first paragraph, first indent				
58	- the measurement result serves as the basis for the price to pay; and	- the measurement result serves as the basis for the price to pay; and	- ~~*the measurement result serves as the basis for the price to pay; and*~~	- ~~*the measurement result serves as the basis for the price to pay; and*~~ Text Origin: Corr COM proposal
Annex I, second paragraph, amending provision, first paragraph, second indent				
59	- at least one of the parties involved in the transaction related to measurement is a consumer or any other party requiring a similar level of protection; and	- at least one of the parties involved in the transaction related to measurement is a consumer or any other party requiring a similar level of protection; and	- ~~*at least one of the parties involved in the transaction related to measurement is a consumer or any other party requiring a similar level of protection; and*~~	- ~~*at least one of the parties involved in the transaction related to measurement is a consumer or any other party requiring a similar level of protection; and*~~ Text Origin: Corr COM proposal
Annex I, second paragraph, amending provision, first paragraph, third indent				

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
60	- all the parties in the transaction accept the measurement result at the time the measurement is concluded.; ,	- all the parties in the transaction accept the measurement result at the time the measurement is concluded.; ,	- ***all the parties in the transaction accept the measurement result at that time and place; for measuring systems for compressed gas dispensers and for measuring systems for electric vehicle supply equipment,*** all the parties in the transaction accept the measurement result at the time the measurement is concluded~~.~~; ,	- ***all the parties in the transaction accept the measurement result at that time and place; for measuring systems for compressed gas dispensers and for measuring systems for electric vehicle supply equipment,*** all the parties in the transaction accept the measurement result at the time the measurement is concluded~~.~~; , Text Origin: Council Mandate
Annex I, 2 paragraph				
61	(2) point 10.2. is replaced by the following:	(2) point 10.2. is replaced by the following:	*deleted*	*(2)* point 10.2. is replaced by the following: Text Origin: Corr COM proposal
Annex I, 2 paragraph, amending provision, numbered paragraph (10.2)				
62	‘ 10.2. The indication of any result shall be clear and unambiguous, protected against accidental deletion, and accompanied by such marks and inscriptions necessary to inform the user of the significance of the result. Easy reading of the presented result shall be permitted under normal conditions of use.	‘ 10.2. The indication of any result ~~*shall be*~~***must be unequivocally*** clear and unambiguous, protected against accidental deletion ***or modification***, and accompanied by ~~*such*~~***all necessary*** marks and inscriptions necessary to inform the user of the significance of the result. ~~*Easy*~~***Effortless*** reading of	*deleted*	‘ 10.2. The indication of any result shall be clear and unambiguous~~*, protected against accidental deletion*~~, and accompanied by such marks and inscriptions necessary to inform the user of the significance of the result. Easy reading of the presented result shall be permitted under normal conditions of use.

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
	Additional indications may be shown provided they cannot be confused with the metrologically controlled indications.;	the presented result shall be permitted under normal conditions of use. Additional indications may be shown provided they***, under any circumstances,*** cannot be confused with the metrologically controlled indications.;		Additional indications may be shown provided they cannot be confused with the metrologically controlled indications. ***For gas and electricity meters, measuring systems for electric vehicle supply equipment ('EVSE') and measuring systems for compressed gas dispensers the indication of any result shall also be protected against accidental deletion or modification,***; CNL: Covered in the current Directive. This will create burdens. e.g. for material measurements (rulers) COM: Only added protection against accidental deletion. Agrees that this modifies every instrument and can be further examined in the future revision of the Directive. EP: Purpose is to clarify text. COM proposed compromise wording that splits between new instruments and existing. For DLA and DQL to check the proper presentation Linguistic DQL/DLA check

PUBLIC

		COM proposal	EP Mandate	Council Mandate	Draft Agreement	
					Text Origin: Corr COM proposal	
Annex I, 3 paragraph						
G	63	(3) the following points 10.6., 10.7., and 10.8. are added:	(3) the following points 10.6., 10.7., and 10.8. are added:	(3) the following points ~~10.6., 10.7., and 10.8.~~ are added	(3) the following points ~~10.6., 10.7., and 10.8.~~ are added: Text Origin: Council Mandate	G
Annex I, 3 paragraph, amending provision, numbered paragraph (10.6), first subparagraph						
Y	64	‘ 10.6. By way of derogation from points 10.1. and 10.5., for gas and electricity meters, measuring systems for electric vehicle supply equipment (‘EVSE’) and measuring systems for compressed gas dispensers the following shall apply:	‘ 10.6. By way of derogation from points 10.1. and 10.5., for gas and electricity meters, measuring systems for electric vehicle supply equipment (‘EVSE’) and measuring systems for compressed gas dispensers the following shall apply:	‘ 10.6. By way of derogation from points 10.1. and 10.5., for gas ***meters*** and electricity meters, ~~measuring systems for electric vehicle supply equipment (‘EVSE’) and measuring systems for compressed gas dispensers~~ the following shall apply:	‘ 10.6. By way of derogation from points 10.1. and 10.5., for gas ***meters*** and electricity meters, ~~measuring systems for electric vehicle supply equipment (‘EVSE’) and measuring systems for compressed gas dispensers~~ the following shall apply: Text Origin: Council Mandate	Y
Annex I, 3 paragraph, amending provision, numbered paragraph (10.6), second subparagraph						
Y	65	The measuring instruments shall use one or more of the following technical solutions to indicate the measurement results:	The measuring instruments shall use one or more of the following technical solutions to indicate the measurement results:	***Indication of the measurement result and other data relevant to that result***~~The measuring instruments~~ shall ~~use~~***be accessible without tools by*** one or more of the following ~~technical solutions to indicate the measurement results~~***means***:	***Indication of the measurement result and other data relevant to that result***~~The measuring instruments~~ shall ~~use~~***be accessible without tools by*** one or more of the following ~~technical solutions to indicate the measurement results~~***means***: Text Origin: Council Mandate	Y
Annex I, 3 paragraph, amending provision, numbered paragraph (10.6), second subparagraph, point (a)						

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
66	(a) be fitted with a metrologically controlled display, readout and/or printer accessible without tools to present the relevant data;	(a) be fitted with a metrologically controlled display, readout and/or printer accessible without tools to present the relevant data;	(a) ~~be fitted with~~ a metrologically controlled ***local*** display, ~~readout and/or printer accessible without tools to present the relevant data~~***print or record***;	(a) ~~be fitted with~~ a metrologically controlled ***local*** display, ~~readout and/or printer accessible without tools to present the relevant data~~***print or record***; Text Origin: Council Mandate
Annex I, 3 paragraph, amending provision, numbered paragraph (10.6), second subparagraph, point (b)				
67	(b) present the relevant data on a remote display accessible without tools or on a device of the consumer or end-user.	(b) present the relevant data on a remote display accessible without tools or on a device of the consumer or end-user.	(b) ~~present the relevant data on~~ a remote display ~~accessible without tools or on a device of the consumer or end-user~~.	(b) ~~present the relevant data on~~ a remote display ~~accessible without tools or on a device of the consumer or end-user~~. Text Origin: Council Mandate
Annex I, 3 paragraph, amending provision, numbered paragraph (10.6), second subparagraph a				
67a			***By way of derogation from points 10.1. and 10.5., for measuring systems for electric vehicle supply equipment ('EVSE') and measuring systems for compressed gas dispensers, the following shall apply:***	***By way of derogation from points 10.1. and 10.5., for measuring systems for electric vehicle supply equipment ('EVSE') and measuring systems for compressed gas dispensers, the following shall apply:*** Text Origin: Council Mandate
Annex I, 3 paragraph, amending provision, numbered paragraph (10.6), second subparagraph b				
67b			***Indication of the measurement result and other data relevant to this result shall be accessible without tools by one or more of the following means:***	***Indication of the measurement result and other data relevant to this result shall be accessible without tools by one or more of the following means:*** Text Origin: Council Mandate

	COM proposal	EP Mandate	Council Mandate	Draft Agreement	
Annex I, 3 paragraph, amending provision, numbered paragraph (10.6), second subparagraph b, point (a)					
Y	67c		***(a) a metrologically controlled local display, print or record,***	***(a) a metrologically controlled local display, print or record;*** Text Origin: Council Mandate	Y
Annex I, 3 paragraph, amending provision, numbered paragraph (10.6), second subparagraph b, point (b					
Y	67d		***(b) a remote display;***	***(b) a remote display;*** Text Origin: Council Mandate	Y
Annex I, 3 paragraph, amending provision, numbered paragraph (10.6), second subparagraph b, point (c)					
Y	67e		***(c) a device of the consumer or end-user.***	***(c) a device of the consumer or end-user.*** Text Origin: Council Mandate	Y
Annex I, 3 paragraph, amending provision, numbered paragraph (10.6), third subparagraph					
Y	68	The presented results shall be traceable to the measuring instrument under metrological control. Security measures shall provide evidence of tampering.	The presented ***metrologically controlled*** results***, as referred to in point b,*** shall be traceable to the measuring instrument ~~*under metrological control*~~. Security measures shall provide evidence of tampering~~.~~	The presented ~~*results*~~***measurement result*** shall be traceable to the measuring instrument under metrological control. Security measures shall provide evidence of tampering.	The presented ~~*results*~~***measurement result*** shall be traceable to the measuring instrument under metrological control. Security measures shall provide evidence of tampering. Text Origin: Council Mandate	Y
Annex I, 3 paragraph, amending provision, numbered paragraph (10.6), fourth subparagraph					
Y	69	The measurement result presented by the respective technical solution shall serve as the basis for the price to pay, when applicable.	The measurement result presented by the respective technical solution shall ~~*serve*~~ ***only be used*** as the basis for ***calculating*** the price to ~~*pay*~~***be paid***, when applicable~~.~~	The ***presented*** measurement result ~~*presented by the respective technical solution*~~ shall serve as the basis for the price to pay, ~~*when*~~***if*** applicable.	The ***presented*** measurement result ~~*presented by the respective technical solution*~~ shall serve as the basis for the price to pay, ~~*when*~~***if*** applicable.	Y

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: Council Mandate
Annex I, 3 paragraph, amending provision, numbered paragraph (10.6), fifth subparagraph				
70	The data may be made available, in addition, by means of metrologically controlled remote channel.	The ***metrologically controlled*** data may be made available, in addition, by means of ~~*metrologically controlled*~~ remote channel.	*deleted*	*deleted* Text Origin: Corr COM proposal
Annex I, 3 paragraph, amending provision, numbered paragraph (10.7)				
71	*10.7.* By way of derogation from point 10.4., for measuring systems for EVSE and measuring systems for compressed gas dispensers, the measurement data shall be fully established in a device or a system so that it can be immediately presented to the consumer.	10.7. By way of derogation from point 10.4., for measuring systems for EVSE ***used for direct sales*** and measuring systems for compressed gas dispensers, the measurement data shall be fully established in a device or a system, ***including cloud-based systems,*** so that it can be immediately presented to the consumer.	*deleted*	*deleted* Text Origin: EP Mandate
Annex I, 3 paragraph, amending provision, numbered paragraph (10.8)				
72	*10.8.* By way of derogation from point 10.4., measuring systems for EVSE shall be designed to present the measurement result to all parties in the transaction when installed as intended.. ,	10.8. By way of derogation from point 10.4., measuring systems for EVSE ***used for direct sales*** shall ~~*be designed to*~~ present the measurement result to all parties in the transaction when installed as intended.***'***. ,	*deleted*	*deleted* Text Origin: EP Mandate
Annex II				

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
73	*Annex II*	*Annex II*	*Annex II*	*Annex II* Text Origin: Corr COM proposal
Annex II, first paragraph				
74	Annex IV to Directive 2014/32/EU is amended as follows:	Annex IV to Directive 2014/32/EU is amended as follows:	Annex IV to Directive 2014/32/EU is amended as follows:	Annex IV to Directive 2014/32/EU is amended as follows: Text Origin: Corr COM proposal
Annex II, second paragraph				
75	(1) the title is replaced by the following:	(1) the title is replaced by the following:	(1) the title is replaced by the following:	(1) the title is replaced by the following: Text Origin: Corr COM proposal
Annex II, second paragraph, amending provision, first paragraph				
76	‘ GAS METERS AND CONVERSION DEVICES (MI-002); ’	‘ GAS METERS AND CONVERSION DEVICES (MI-002); ’	‘ ‘GAS METERS AND CONVERSION DEVICES (MI-002)’; ’	‘ GAS METERS AND CONVERSION DEVICES (MI-002); ’ Text Origin: Corr COM proposal
Annex II, 2 paragraph				
77	(2) the first paragraph is replaced by the following:	(2) the first paragraph is replaced by the following:	(2) the first paragraph is replaced by the following:	(2) the first paragraph is replaced by the following: Text Origin: Corr COM proposal
Annex II, 2 paragraph, amending provision, first paragraph				

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement	
G	78	‘ The relevant requirements of Annex I, the specific requirements of this Annex and the conformity assessment procedures listed in this Annex apply to gas meters and conversion devices defined in this Annex, intended for residential, commercial and light industrial use.; ’,	‘ The relevant requirements of Annex I, the specific requirements of this Annex and the conformity assessment procedures listed in this Annex apply to gas meters and conversion devices defined in this Annex, intended for residential, commercial and light industrial use.; ’,	‘ The relevant requirements of Annex I, the specific requirements of this Annex and the conformity assessment procedures listed in this Annex apply to gas meters and conversion devices defined in this Annex, intended for residential, commercial and light industrial use.; ’,	‘ The relevant requirements of Annex I, the specific requirements of this Annex and the conformity assessment procedures listed in this Annex apply to gas meters and conversion devices defined in this Annex, intended for residential, commercial and light industrial use.; ’, Text Origin: Corr COM proposal	G
Annex II, 3 paragraph					
G	79	(3) in part ‘DEFINITIONS’, the table is amended as follows:	(3) in part ‘DEFINITIONS’, the table is amended as follows:	(3) in part ‘DEFINITIONS’, the table is amended as follows:	(3) in part ‘DEFINITIONS’, the table is amended as follows: Text Origin: Corr COM proposal	G
Annex II, 3 paragraph, point (a)					
G	80	(a) in the first row, the definition of ‘Gas meter’ is replaced by the following:	(a) in the first row, the definition of ‘Gas meter’ is replaced by the following:	(a) in the first row, the ~~*definition of ‘Gas meter’*~~ ***wording in the second column*** is replaced by the following:	(a) in the first row, the ~~*definition of ‘Gas meter’*~~ ***wording in the second column*** is replaced by the following: Text Origin: Council Mandate	G
Annex II, 3 paragraph, point (a), amending provision, first paragraph					
Y	81	‘ An instrument designed to measure, memorise and display the quantity of fuel gas (volume or	‘ An instrument designed to measure, memorise and display the quantity of fuel gas (volume or	‘ An instrument designed to measure~~*, memorise*~~ ***and to ensure the memorisation*** and display ***of***	‘ An instrument designed to measure~~*, memorise*~~ ***and to ensure the memorisation*** and display ***of***	Y

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
	mass) and/or energy of that gas that has passed it.;	mass) ~~and/or energy of that gas that has passed it.~~;	the quantity of fuel gas (volume or mass) ~~and/or energy of that gas~~ that has passed ***through it and, if applicable, the quantity of its energy*** ~~it~~.;	the quantity of fuel gas (volume or mass) ~~and/or energy of that gas~~ that has passed ***through it and, if applicable, the quantity of its energy*** ~~it~~.; Text Origin: Council Mandate
Annex II, 3 paragraph, point (b)				
82	(b) in the second row, first column, the term 'Conversion device' is replaced by the following:	(b) in the second row, first column, the term 'Conversion device' is replaced by the following:	(b) in the second row, ***the wording in the*** first column ~~the term 'Conversion device'~~ is replaced by the following:	(b) in the second row, ***the wording in the*** first column ~~the term 'Conversion device'~~ is replaced by the following: Text Origin: Council Mandate
Annex II, 3 paragraph, point (b), amending provision, first paragraph				
83	' Volume conversion device;	' Volume conversion device;	' Volume conversion device;	' Volume conversion device; Text Origin: Corr COM proposal
Annex II, 3 paragraph, point (c)				
84	(c) the following rows are added:	(c) the following rows are added:	(c) the following rows are added:	(c) the following rows are added: Text Origin: Corr COM proposal
Annex II, 3 paragraph, point (c), amending provision, first paragraph				
85	'		'	'

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
Annex II, 3 paragraph, point (c), amending provision, Table				
86	Table (row 86)	‘Table (row 86)	Table (row 86)	Table (row 86) Text Origin: Council Mandate
Annex II, 3 paragraph, point (c), amending provision, second paragraph				
87	’		’	’
Annex II, 4 paragraph				
88	(4) Part I is amended as follows:	(4) Part I is amended as follows:	(4) Part I is amended as follows:	(4) Part I is amended as follows: Text Origin: Corr COM proposal
Annex II, 4 paragraph, point (a)				
89	(a) point 1.1. is replaced by the following:	(a) point 1.1. is replaced by the following:	(a) point 1.1. is replaced by the following:	(a) point 1.1. is replaced by the following: Text Origin: Corr COM proposal
Annex II, 4 paragraph, point (a), amending provision, first paragraph				
90	‘ The flowrate range of the gas shall fulfil at least the following conditions:	‘ The flowrate range of the gas shall fulfil at least the following conditions:	‘ The flowrate range of the gas shall fulfil at least the following conditions:	‘ The flowrate range of the gas shall fulfil at least the following conditions: Text Origin: Corr COM proposal
Annex II, 4 paragraph, point (a), amending provision, first paragraph, Table				

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
91	Table (row 91)	Table (row 91)	Table (row 91)	Table (row 91) Text Origin: Corr COM proposal
Annex II, 4 paragraph, point (a), amending provision, second paragraph				
92	If a gas meter has multiple gas application-dependent flow rate ranges, all of those shall be inscribed on the meter, accompanied by a clear description of the gas application.; '	If a gas meter has multiple gas application-dependent flow rate ranges, all of those shall be inscribed on the meter, accompanied by a clear description of the gas application.; '	If a gas meter has multiple gas application-dependent flow rate ranges, all ~~of those~~ ***such flow rate ranges*** shall be inscribed on the meter, accompanied by a clear description of the gas application.; '	If a gas meter has multiple gas application-dependent flow rate ranges, ~~all of those~~ ***such flow rate ranges*** shall be inscribed on the meter, accompanied by a clear description of the gas application.; ' Linguistic DQL/DLA check Text Origin: Council Mandate
Annex II, 4 paragraph, point (b)				
93	(b) the introductory sentence of point 3.1.1. is replaced by the following:	(b) the introductory sentence of point 3.1.1. is replaced by the following:	(b) ***in point 3.1.1.,*** the introductory sentence ~~of point 3.1.1.~~ is replaced by the following:	(b) ***in point 3.1.1.,*** the introductory sentence ~~of point 3.1.1.~~ is replaced by the following: Linguistic DQL/DLA check Text Origin: Council Mandate
Annex II, 4 paragraph, point (b), amending provision, first paragraph				
94	‘ The effect of an electromagnetic disturbance on a gas meter, conversion device or gas calorific value determining device shall be such that:; '	‘ The effect of an electromagnetic disturbance on a gas meter, conversion device or gas calorific value determining device shall be such that:; '	‘ The effect of an electromagnetic disturbance on a gas meter, conversion device or gas calorific value determining device shall be such that:; '	‘ The effect of an electromagnetic disturbance on a gas meter, conversion device or gas calorific value determining device shall be such that:; '

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: Corr COM proposal
Annex II, 4 paragraph, point (c)				
95	(c) in point 6, the following paragraph is added :	(c) in point 6, the following paragraph is added :	(c) in point 6, the following paragraph is added	(c) in point 6, the following paragraph is added : Text Origin: Corr COM proposal
Annex II, 4 paragraph, point (c), amending provision, first paragraph				
96	‘ Quantity of energy shall be displayed in joules or in watt-hours.; ’	‘ Quantity of energy shall be displayed in joules or in watt-hours.; ’	‘ ‘Quantity of energy shall be displayed in joules or in watt-hours ***or their decimal multiples***.; ’	‘ ‘Quantity of energy shall be displayed in joules or in watt-hours ***or their decimal multiples***.; ’ Linguistic DQL/DLA check Text Origin: Council Mandate
Annex II, 5 paragraph				
97	(5) Part II is amended as follows:	(5) Part II is amended as follows:	(5) Part II is amended as follows:	(5) Part II is amended as follows: Text Origin: Corr COM proposal
Annex II, 5 paragraph, point (a)				
98	(a) the title is replaced by the following:	(a) the title is replaced by the following:	(a) the title is replaced by the following:	(a) the title is replaced by the following: Text Origin: Corr COM proposal
Annex II, 5 paragraph, point (a), amending provision, first paragraph				

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
99	‘ SPECIFIC REQUIREMENTS	‘ SPECIFIC REQUIREMENTS	‘ SPECIFIC REQUIREMENTS	‘ SPECIFIC REQUIREMENTS Text Origin: Corr COM proposal
Annex II, 5 paragraph, point (a), amending provision, second paragraph				
100	CONVERSION DEVICES; ’	CONVERSION DEVICES; ’	CONVERSION DEVICES; ’	CONVERSION DEVICES; ’ Text Origin: Corr COM proposal
Annex II, 5 paragraph, point (b)				
101	(b) the first paragraph and the introductory sentence of the second paragraph are replaced by the following:	(b) the first paragraph and the introductory sentence of the second paragraph are replaced by the following:	(b) the first ~~paragraph and the introductory sentence of the~~***and*** second ~~paragraph~~***paragraphs*** are replaced by the following:	(b) the first ~~paragraph and the introductory sentence of the~~***and*** second ~~paragraph~~***paragraphs*** are replaced by the following: Linguistic DQL/DLA check Text Origin: Council Mandate
Annex II, 5 paragraph, point (b), amending provision, first paragraph				
102	‘ A conversion device constitutes a sub-assembly when it is together with a measuring instrument with which it is compatible.	‘ A conversion device constitutes a sub-assembly when it is together with a measuring instrument with which it is compatible.	‘ A conversion device constitutes a sub-assembly when it is together with a measuring instrument with which it is compatible.	‘ A conversion device constitutes a sub-assembly when it is together with a measuring instrument with which it is compatible. Text Origin: Corr COM proposal
Annex II, 5 paragraph, point (b), amending provision, second paragraph				

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
103	For a conversion device, the essential requirements for the gas meter shall apply, if applicable.;	For a conversion device, the essential requirements for the gas meter shall apply, if applicable.;	For a conversion device, the essential requirements for the gas meter shall apply, if applicable.; ***In addition, the following requirements shall apply:;***	For a conversion device, the essential requirements for the gas meter shall apply, if applicable.; ***In addition, the following requirements shall apply:;*** Linguistic DQL/DLA check Text Origin: Council Mandate
Annex II, 5 paragraph, point (c)				
104	(c) point 8 is amended as follows:	(c) point 8 is amended as follows:	(c) point 8 is amended as follows:	(c) point 8 is amended as follows: Text Origin: Corr COM proposal
Annex II, 5 paragraph, point (c)(i)				
105	(i) the title is replaced by the following:	(i) the title is replaced by the following:	(i) the title is replaced by the following:	(i) the title is replaced by the following: Text Origin: Corr COM proposal
Annex II, 5 paragraph, point (c)(i), amending provision, first paragraph				
106	‘ MPE for volume conversions devices;	‘ MPE for volume conversions devices;	‘ MPE for volume ~~*conversions*~~***conversion*** devices;	‘ MPE for volume ~~*conversions*~~***conversion*** devices; Linguistic DQL/DLA check Text Origin: Council Mandate
Annex II, 5 paragraph, point (c)(ii)				

		COM proposal	EP Mandate	Council Mandate	Draft Agreement	
G	107	(ii) the note to point 8 is replaced by the following:	(ii) the note to point 8 is replaced by the following:	(ii) the note to point 8 is replaced by the following:	(ii) the note to point 8 is replaced by the following: Text Origin: Corr COM proposal	G
	Annex II, 5 paragraph, point (c)(ii), amending provision, first paragraph					
G	108	‘ Note:	‘ Note:	‘ Note:	‘ Note: Text Origin: Corr COM proposal	G
	Annex II, 5 paragraph, point (c)(ii), amending provision, first paragraph, first paragraph					
G	109	The errors of the gas meter and, if applicable, of the gas calorific value determining device are not taken into account.	The errors of the gas meter and, if applicable, of the gas calorific value determining device are not taken into account.	The errors of the gas meter and, if applicable, of the gas calorific value determining device are not taken into account.	The errors of the gas meter and, if applicable, of the gas calorific value determining device are not taken into account. Text Origin: Corr COM proposal	G
	Annex II, 5 paragraph, point (c)(ii), amending provision, first paragraph, second paragraph					
G	110	The conversion device shall not exploit the MPEs or systematically favour any party.; ’	The conversion device shall not exploit the MPEs or systematically favour any party.; ’	The conversion device shall not exploit the MPEs or systematically favour any party.; ’	The conversion device shall not exploit the MPEs or systematically favour any party.; ’ Text Origin: Corr COM proposal	G
	Annex II, 5 paragraph, point (ca)					
Y	110a			***(ca) the following point is inserted:***	***(ca) the following point is inserted:*** Text Origin: Council Mandate	Y

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement	
Annex II, 5 paragraph, point (ca), amending provision, first paragraph					
Y 110b			‘ ***8a. MPE for energy conversion devices***	‘ ***8a. MPE for energy conversion devices*** Text Origin: Council Mandate	Y
Annex II, 5 paragraph, point (ca), amending provision, second paragraph					
Y 110c			***The MPE of the conversion calculation of energy is equal to 0,05 %.;*** ’	***The MPE of the conversion calculation of energy is equal to 0,05 %.;*** ’ Text Origin: Council Mandate	Y
Annex II, 6 paragraph					
G 111	(6) the following Part IIa is inserted:	(6) the following Part IIa is inserted:	(6) the following Part IIa is inserted:	(6) the following Part IIa is inserted: Text Origin: Corr COM proposal	G
Annex II, 6 paragraph, amending provision, first paragraph					
G 112	‘ PART IIa	‘ PART IIa	‘ PART IIa	‘ PART IIa Text Origin: Corr COM proposal	G
Annex II, 6 paragraph, amending provision, second paragraph					
G 113	SPECIFIC REQUIREMENTS	SPECIFIC REQUIREMENTS	SPECIFIC REQUIREMENTS	SPECIFIC REQUIREMENTS Text Origin: Corr COM proposal	G
Annex II, 6 paragraph, amending provision, third paragraph					

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement	
G	114	GAS CALORIFIC VALUE DETERMINING DEVICES	GAS CALORIFIC VALUE DETERMINING DEVICES	GAS CALORIFIC VALUE DETERMINING DEVICES Text Origin: Corr COM proposal	G
	Annex II, 6 paragraph, amending provision, fourth paragraph				
Y	115	A gas calorific value determining device is either of the following:	A gas calorific value determining device is either of the following:	A gas calorific value determining device ~~is either of the following:~~***sends, locally or remotely, signals to the energy conversion device.***	A gas calorific value determining device ~~is either of the following:~~***sends, locally or remotely, signals to the energy conversion device.*** Text Origin: Council Mandate	Y
	Annex II, 6 paragraph, amending provision, fourth paragraph, point (a)				
Y	116	(a) it is locally installed and sends signals directly to the energy conversion device;	(a) it is locally installed and sends signals directly to the energy conversion device;	*deleted*	*deleted*	Y
	Annex II, 6 paragraph, amending provision, fourth paragraph, point (b)				
Y	*117*	*(b)* it is not locally installed and is considered as an external transducer.	(b) it is not locally installed and is considered as an external transducer.	*deleted*	*deleted*	Y
	Annex II, 6 paragraph, amending provision, fifth paragraph				
G	*118*	For a gas calorific value determining device, the essential requirements for the gas meter shall apply, where applicable. In addition, the following requirements shall apply:	For a gas calorific value determining device, the essential requirements for the gas meter shall apply, where applicable. In addition, the following requirements shall apply:	For a gas calorific value determining device, the essential requirements for the gas meter shall apply, where applicable. In addition, the following requirements shall apply:	For a gas calorific value determining device, the essential requirements for the gas meter shall apply, where applicable. In addition, the following requirements shall apply: Text Origin: Corr COM proposal	G

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement	
Annex II, 6 paragraph, amending provision, fifth paragraph, point (9a)					
119	9a. Base conditions for converted quantities	9a. Base conditions for converted quantities	9a. Base conditions for converted quantities	9a. Base conditions for converted quantities Text Origin: Corr COM proposal	G
Annex II, 6 paragraph, amending provision, fifth paragraph, point (9a), first paragraph					
120	The manufacturer shall specify the following:	The manufacturer shall specify the following:	The manufacturer shall specify the following:	The manufacturer shall specify the following: Text Origin: Corr COM proposal	G
Annex II, 6 paragraph, amending provision, fifth paragraph, point (9a), first paragraph, first indent					
121	- the range for gas chemical composition;	- the range for gas chemical composition;	- the range for gas chemical composition;	- the range for gas chemical composition; Text Origin: Corr COM proposal	G
Annex II, 6 paragraph, amending provision, fifth paragraph, point (9a), first paragraph, second indent					
122	- the base conditions for calorific value and converted quantities.	- the base conditions for calorific value and converted quantities.	- the base conditions for calorific value and converted quantities.	- the base conditions for calorific value and converted quantities. Text Origin: Corr COM proposal	G
Annex II, 6 paragraph, amending provision, fifth paragraph, point (9b)					
123	9b. MPE	9b. MPE	9b. MPE	9b. MPE Text Origin: Corr COM proposal	G
Annex II, 6 paragraph, amending provision, fifth paragraph, point (9b), Table					
124	Table (row 124)	Table (row 124)	Table (row 124)	Table (row 124)	G

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
				Linguistic DQL/DLA check Text Origin: Council Mandate
Annex II, 6 paragraph, amending provision, fifth paragraph, point (9b), first paragraph				
G 125	The gas calorific value determining device shall not exploit the MPEs or systematically favour any party.	The gas calorific value determining device shall not exploit the MPEs or systematically favour any party.	The gas calorific value determining device shall not exploit the MPEs or systematically favour any party.	The gas calorific value determining device shall not exploit the MPEs or systematically favour any party. Text Origin: Corr COM proposal
Annex II, 6 paragraph, amending provision, fifth paragraph, point (9c), first subparagraph				
G 126	9c. Permissible effect of disturbances	9c. Permissible effect of disturbances	9c. Permissible effect of disturbances	9c. Permissible effect of disturbances Text Origin: Corr COM proposal
Annex II, 6 paragraph, amending provision, fifth paragraph, point (9c), second subparagraph				
G 127	The critical change value is the greater of the two following values:	The critical change value is the greater of the two following values:	The critical change value is the greater of the two following values:	The critical change value is the greater of the two following values: Text Origin: Corr COM proposal
Annex II, 6 paragraph, amending provision, fifth paragraph, point (9c), second subparagraph, first indent				
G 128	- one fifth of the magnitude of the MPE for the calorific value;	- one fifth of the magnitude of the MPE for the calorific value;	- one fifth of the magnitude of the MPE for the calorific value;	- one fifth of the magnitude of the MPE for the calorific value; Text Origin: Corr COM proposal
Annex II, 6 paragraph, amending provision, fifth paragraph, point (9c), second subparagraph, second indent				

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
129	- two scale intervals of the gas calorific value determining device.	- two scale intervals of the gas calorific value determining device.	- two scale intervals of the gas calorific value determining device.	- two scale intervals of the gas calorific value determining device. Text Origin: Corr COM proposal
Annex II, 6 paragraph, amending provision, fifth paragraph, point (9d), first subparagraph				
130	9d. Durability	9d. Durability	9d. Durability	9d. Durability Text Origin: Corr COM proposal
Annex II, 6 paragraph, amending provision, fifth paragraph, point (9d), second subparagraph				
131	After an appropriate test, taking into account the period of time estimated by the manufacturer, has been performed, the following two criteria shall be satisfied:	After an appropriate test, taking into account the period of time estimated by the manufacturer, has been performed, the following two criteria shall be satisfied:	After an appropriate test, taking into account the period of time estimated by the manufacturer, has been performed, the following two criteria shall be satisfied:	After an appropriate test, taking into account the period of time estimated by the manufacturer, has been performed, the following two criteria shall be satisfied: Text Origin: Corr COM proposal
Annex II, 6 paragraph, amending provision, fifth paragraph, point (9d), second subparagraph, first indent				
132	- the variation of the measurement result after the durability test when compared with the initial measurement result shall not exceed half of the magnitude of the MPE;	- the variation of the measurement result after the durability test when compared with the initial measurement result shall not exceed half of the magnitude of the MPE;	- the variation of the measurement result after the durability test when compared with the initial measurement result shall not exceed half of the magnitude of the MPE; ***and***	- the variation of the measurement result after the durability test when compared with the initial measurement result shall not exceed half of the magnitude of the MPE; ***and*** Linguistic DQL/DLA check Text Origin: Council Mandate
Annex II, 6 paragraph, amending provision, fifth paragraph, point (9d), second subparagraph, second indent				

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
G 133	- the error of indication after the durability test shall not exceed the MPE.	- the error of indication after the durability test shall not exceed the MPE.	- the error of indication after the durability test shall not exceed the MPE.	- the error of indication after the durability test shall not exceed the MPE. Text Origin: Corr COM proposal
Annex II, 6 paragraph, amending provision, fifth paragraph, point (9e), first subparagraph				
G 134	9e. Suitability	9e. Suitability	9e. Suitability	9e. Suitability Text Origin: Corr COM proposal
Annex II, 6 paragraph, amending provision, fifth paragraph, point (9e), second subparagraph				
G 135	A gas calorific value determining device shall be capable of detecting when it is operating outside the operating ranges stated by the manufacturer for parameters that shall be registered for measurement accuracy. In such a case, the gas calorific value determining device shall register the following:	A gas calorific value determining device shall be capable of detecting when it is operating outside the operating ranges stated by the manufacturer for parameters that shall be registered for measurement accuracy. In such a case, the gas calorific value determining device shall register the following:	A gas calorific value determining device shall be capable of detecting when it is operating outside the operating ranges stated by the manufacturer for parameters that shall be registered for measurement accuracy. In such a case, the gas calorific value determining device shall register the following:	A gas calorific value determining device shall be capable of detecting when it is operating outside the operating ranges stated by the manufacturer for parameters that shall be registered for measurement accuracy. In such a case, the gas calorific value determining device shall register the following: Text Origin: Corr COM proposal
Annex II, 6 paragraph, amending provision, fifth paragraph, point (9e), second subparagraph, point (a)				
G 136	(a) that the gas calorific value is not relevant;	(a) that the gas calorific value is not relevant;	(a) that the gas calorific value is not relevant;	(a) that the gas calorific value is not relevant; Text Origin: Corr COM proposal
Annex II, 6 paragraph, amending provision, fifth paragraph, point (9e), second subparagraph, point (b)				

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
137	(b) that the gas calorific value determining device operates outside the operating range.	(b) that the gas calorific value determining device operates outside the operating range.	(b) that the gas calorific value determining device operates outside the operating range.	(b) that the gas calorific value determining device operates outside the operating range. Text Origin: Corr COM proposal
Annex II, 6 paragraph, amending provision, fifth paragraph, point (9f), first subparagraph				
138	9f. Units	9f. Units	9f. Units	9f. Units Text Origin: Corr COM proposal
Annex II, 6 paragraph, amending provision, fifth paragraph, point (9f), second subparagraph				
139	Calorific value shall be displayed in joules and/or watt-hours per unit of mass or volume at base conditions.. ,	Calorific value shall be displayed in joules and/or watt-hours per unit of mass or volume at base conditions.. ,	Calorific value shall be displayed in joules and/or watt-hours***, or their decimal multiples,*** per unit of mass or volume at base conditions.. ,	Calorific value shall be displayed in joules and/or watt-hours***, or their decimal multiples,*** per unit of mass or volume at base conditions.. , Linguistic DQL/DLA check Text Origin: Council Mandate
Annex III				
140	Annex III	Annex III	Annex III	Annex III Text Origin: Corr COM proposal
Annex III, first paragraph				
141	Annex V to Directive 2014/32/EU is amended as follows:	Annex V to Directive 2014/32/EU is amended as follows:	Annex V to Directive 2014/32/EU is amended as follows:	Annex V to Directive 2014/32/EU is amended as follows: Text Origin: Corr COM proposal

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement	
Annex III, second paragraph					
G 142	(1) in part 'DEFINITIONS', the introductory sentence is replaced by the following:	(1) in part 'DEFINITIONS', the introductory sentence is replaced by the following:	(1) in part 'DEFINITIONS', the introductory sentence is replaced by the following:	(1) in part 'DEFINITIONS', the introductory sentence is replaced by the following: Text Origin: Corr COM proposal	G
Annex III, second paragraph, amending provision, first paragraph					
Y 143	' An active electrical energy meter is an instrument which measures the active electrical energy consumed in a circuit or transferred between circuits.; '	' An active electrical energy meter is an instrument ~~*which measures*~~***measuring*** the active electrical energy consumed ***and delivered in an electrical*** ~~*in a*~~ circuit ~~*or transferred between circuits*~~.; '	' An active electrical energy meter is an instrument ~~*which measures*~~***designed to measure and to ensure the memorisation and display of*** the active electrical energy consumed in a circuit or transferred between circuits.; '	' An active electrical energy meter is an instrument ~~*which measures*~~***designed to measure and to ensure the memorisation and display of*** the active electrical energy consumed in a circuit or transferred between circuits.; ' Text Origin: Council Mandate	Y
Annex III, 2 paragraph					
G 144	(2) in part 'DEFINITIONS', in the table, the last three rows are replaced by the following:	(2) in part 'DEFINITIONS', in the table, the last three rows are replaced by the following:	(2) in part 'DEFINITIONS', in the table, ***row three and four, and*** the last three rows are replaced by the following:	(2) in part 'DEFINITIONS', in the table, ***row three and four, and*** the last three rows are replaced by the following: Linguistic DQL/DLA check Text Origin: Council Mandate	G
Annex III, 2 paragraph, amending provision, first paragraph					

PUBLIC

		COM proposal	EP Mandate	Council Mandate	Draft Agreement	
G	145	‘		‘	‘ Text Origin: Corr COM proposal	G
	Annex III, 2 paragraph, amending provision, Table					
G	146	Table (row 146)	‘Table (row 146)	Table (row 146)	Table (row 146) Text Origin: Council Mandate	G
	Annex III, 2 paragraph, amending provision, second paragraph					
G	147	’		’	’ Text Origin: Corr COM proposal	G
	Annex III, 3 paragraph					
G	148	(3) in point 2, the last two paragraphs are replaced by the following:	(3) in point 2, the last two paragraphs are replaced by the following:	(3) in point 2, the last two paragraphs are replaced by the following:	(3) in point 2, the last two paragraphs are replaced by the following: Text Origin: Corr COM proposal	G
	Annex III, 3 paragraph, amending provision, first paragraph					
Y	149	‘ The operating ranges within which the meter shall satisfy the MPE requirements are specified in Table 2.	‘ The operating ranges within which the meter shall satisfy the MPE requirements are specified in Table 2.	‘ The ~~*operating ranges within which*~~***MPE requirements that*** the meter shall satisfy ***depending on the operating ranges***~~*the MPE requirements*~~ are specified in Table 2.	‘ The operating ranges within which the meter shall satisfy the MPE requirements are specified in Table 2.	Y

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
				CNS: Linguistic change that relates to specify the MPE, since this is what table 2 is about. EP: This is not necessary linguistically as point 2 refers to rated operating conditions. CNL to check. Text Origin: Corr COM proposal
Annex III, 3 paragraph, amending provision, second paragraph				
G 150	For AC electrical energy meters, the voltage, frequency and power factor ranges shall be:	For AC electrical energy meters, the voltage, frequency and power factor ranges shall be:	For AC electrical energy meters, the voltage, frequency and power factor ranges shall be:	For AC electrical energy meters, the voltage, frequency and power factor ranges shall be: Text Origin: Corr COM proposal
Annex III, 3 paragraph, amending provision, second paragraph, first indent				
G 151	- $0,9 \bullet U_n \leq U \leq 1,1 \bullet U_n$;	- $0,9 \bullet U_n \leq U \leq 1,1 \bullet U_n$;	- $0,9 \bullet U_n \leq U \leq 1,1 \bullet U_n$;	- $0,9 \bullet U_n \leq U \leq 1,1 \bullet U_n$; Text Origin: Corr COM proposal
Annex III, 3 paragraph, amending provision, second paragraph, second indent				
G 152	- $0,98 \bullet f_n \leq f \leq 1,02 \bullet f_n$;	- $0,98 \bullet f_n \leq f \leq 1,02 \bullet f_n$;	- $0,98 \bullet f_n \leq f \leq 1,02 \bullet f_n$;	- $0,98 \bullet f_n \leq f \leq 1,02 \bullet f_n$;

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: Corr COM proposal
Annex III, 3 paragraph, amending provision, second paragraph, third indent				
153	- $0,5 inductive \leq PF \leq 0,8 capaciti$.	- $0,5 inductive \leq PF \leq 0,8 capaciti$.	- $0,5 inductive \leq PF \leq 0,8 capaciti$ $0,5 inductive \leq PF \leq 1 and 0,8 cap$.	- $0,5 inductive \leq PF \leq 0,8 capaciti$ $0,5 inductive \leq PF \leq 1 and 0,8 cap$. Text Origin: Council Mandate
Annex III, 3 paragraph, amending provision, third paragraph				
154	For direct current (‘DC’) electrical energy meters, the voltage range shall be between the lowest and the highest output voltage.; ,	For direct current (‘DC’) electrical energy meters, the voltage range shall be between the lowest and the highest output voltage.; ,	For direct current (‘DC’) electrical energy meters, the voltage range shall be between the lowest and the highest ~~output~~ voltage ***of the meter***.; ,	For direct current (‘DC’) electrical energy meters, the voltage range shall be between the lowest and the highest ~~output~~ voltage ***(measurable by the meter?)***.; , Still to be discussed during ITM following the trilogue Text Origin: Council Mandate
Annex III, 4 paragraph				
155	(4) in point 3, the second paragraph is replaced by the following:	(4) in point 3, the second paragraph is replaced by the following:	(4) in point 3, the second paragraph is replaced by the following:	(4) in point 3, the second paragraph is replaced by the following:

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: Corr COM proposal
Annex III, 4 paragraph, amending provision, first paragraph				
156	‘ When the meter is operating within rated operating conditions, the percentage errors shall not exceed the limits given in Table 2.; ’,	‘ When the meter is operating within rated operating conditions, the percentage errors shall not exceed the limits given in Table 2.; ’,	‘ When the meter is operating within rated operating conditions, the percentage errors shall not exceed the limits given in Table 2.; ’,	‘ When the meter is operating within rated operating conditions, the percentage errors shall not exceed the limits given in Table 2.; ’, Text Origin: Corr COM proposal
Annex III, 4 paragraph a				
156a			***(4a) in table 2, in the fifth row, the wording ‘Single phase meter; polyphase meter if operating with balanced loads’ is replaced by ‘Single phase meter; polyphase meter if operating with balanced loads; DC electrical energy meter’;***	***(4a) in table 2, in the fifth row, the wording ‘Single phase meter; polyphase meter if operating with balanced loads’ is replaced by ‘Single phase meter; polyphase meter if operating with balanced loads; DC electrical energy meter’;*** Text Origin: Council Mandate
Annex III, 5 paragraph				
157	(5) in Table 2, in the third row, fifth column, the wording ‘– 40 °C … – 25 °C or + 55 °C … + 70 °C’ is replaced by the following:	(5) in Table 2, in the third row, fifth column, the wording ‘– 40 °C … – 25 °C or + 55 °C … + 70 °C’ is replaced by the following:	(5) in Table 2, in the third row, fifth column, the wording ‘– 40 °C … – 25 °C or + 55 °C … + 70 °C’ is replaced by the following:	(5) in Table 2, in the third row, fifth column, the wording ‘– 40 °C … – 25 °C or + 55 °C … + 70 °C’ is replaced by the following:

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: Corr COM proposal
Annex III, 5 paragraph, amending provision, first paragraph				
158	‘ below – 25 °C or above + 55 °C; ’,	‘ below – 25 °C or above + 55 °C; ’,	‘ below – 25 °C or above + 55 °C; ’,	‘ below – 25 °C or above + 55 °C; ’, Text Origin: Corr COM proposal
Annex III, 6 paragraph				
159	(6) in point 4.1., the second and third paragraphs are replaced by the following:	(6) in point 4.1., the second and third paragraphs are replaced by the following:	(6) in point 4.1., ~~the~~***first and*** second ~~and third~~ paragraphs are replaced by the following:	(6) in point 4.1., ~~the~~***first and*** second ~~and third~~ paragraphs are replaced by the following: Linguistic DQL/DLA check Text Origin: Council Mandate
Annex III, 6 paragraph, amending provision, first paragraph -a				
159a			‘ ***As electrical energy meters are directly connected to the electrical supply and as current is also one of the measurands, a special electromagnetic environment is used for electrical energy meters.***	‘ ***As electrical energy meters are directly connected to the electrical supply and as current is also one of the measurands, a special electromagnetic environment is used for electrical energy meters.*** Text Origin: Council Mandate
Annex III, 6 paragraph, amending provision, first paragraph				
160	‘ The meter shall comply with the electromagnetic environment E2	‘ The meter shall comply with the electromagnetic environment E2	The meter shall comply with the electromagnetic environment E2 for AC electrical energy meters	The meter shall comply with the electromagnetic environment E2 for AC electrical energy meters

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
	for AC electrical energy meters and E1 for DC electrical energy meters, as well as with the additional requirements in points 4.2. and 4.3.	for AC electrical energy meters and E1 for DC electrical energy meters, as well as with the additional requirements in points 4.2. and 4.3.	and ~~E1 for~~ DC electrical energy meters, as well as with the additional requirements ***set out*** in points 4.2. and 4.3.**:** ,	and ~~E1 for~~ DC electrical energy meters, as well as with the additional requirements ***set out*** in points 4.2. and 4.3.**:** , Text Origin: Council Mandate
Annex III, 6 paragraph, amending provision, second paragraph				
161	The electromagnetic environment and permissible effects reflect the situation that there are disturbances which shall not affect the accuracy beyond the critical change values and transient disturbances, which may cause a temporary degradation or loss of function or performance but from which the meter shall recover and shall not affect the accuracy beyond the critical change values; ,	The electromagnetic environment and permissible effects reflect the situation that there are disturbances which shall not affect the accuracy beyond the critical change values and transient disturbances, which may cause a temporary degradation or loss of function or performance but from which the meter shall recover and shall not affect the accuracy beyond the critical change values; ,	*deleted*	*deleted*
Annex III, 7 paragraph				
162	*(7)* point 4.2. is amended as follows:	(7) point 4.2. is amended as follows:	(7) point 4.2. is amended as follows:	(7) point 4.2. is amended as follows: Text Origin: Corr COM proposal
Annex III, 7 paragraph, point (a)				
163	(a) in the fifth row, first column, of Table 3, the wording	(a) in the fifth row, first column, of Table 3, the wording	(a) in the fifth row, first column, of Table 3, the wording	(a) in the fifth row, first column, of Table 3, the wording

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
	'Harmonic contents in the current circuits (2)' is replaced by the following:	'Harmonic contents in the current circuits (2)' is replaced by the following:	'Harmonic contents in the current circuits (2)' is replaced by the following:	'Harmonic contents in the current circuits (2)' is replaced by the following: Text Origin: Corr COM proposal
Annex III, 7 paragraph, point (a), amending provision, first paragraph				
164	‘ Harmonic contents in the current circuits (2), for alternating current ('AC') electrical energy meters; ,	‘ Harmonic contents in the current circuits (2), for alternating current ('AC') electrical energy meters; ,	‘ **‘**Harmonic contents in the current circuits (2), for ~~alternating current ('AC')~~***AC*** electrical energy meters**’**; ,	‘ **‘**Harmonic contents in the current circuits (2), for ~~alternating current ('AC')~~***AC*** electrical energy meters**’**; , Linguistic DQL/DLA check Text Origin: Council Mandate
Annex III, 7 paragraph, point (b)				
165	(b) in the sixth row, first column, of Table 3, the wording 'DC and harmonics in the current circuit (2)' is replaced by the following:	(b) in the sixth row, first column, of Table 3, the wording 'DC and harmonics in the current circuit (2)' is replaced by the following:	(b) in the sixth row, first column, of Table 3, the wording 'DC and harmonics in the current circuit (2)' is replaced by the following:	(b) in the sixth row, first column, of Table 3, the wording 'DC and harmonics in the current circuit (2)' is replaced by the following: Text Origin: Corr COM proposal
Annex III, 7 paragraph, point (b), amending provision, first paragraph				
166	‘ DC and harmonics in the current circuit (2), for alternating current ('AC') electrical energy meters; ,	‘ DC and harmonics in the current circuit (2), for alternating current ('AC') electrical energy meters; ,	‘ **‘**DC and harmonics in the current circuit (2), for ~~alternating current ('AC')~~***AC*** electrical energy meters**’**; ,	‘ **‘**DC and harmonics in the current circuit (2), for ~~alternating current ('AC')~~***AC*** electrical energy meters**’**; ,

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
				Linguistic DQL/DLA check Text Origin: Council Mandate
Annex III, 7 paragraph, point (ba)				
166a			***(ba) in the third row, first column, of Table 3, the wording 'Reversed phase sequence' is replaced by the following:***	***(ba) in the third row, first column, of Table 3, the wording 'Reversed phase sequence' is replaced by the following:*** Text Origin: Council Mandate
Annex III, 7 paragraph, point (ba), amending provision, first paragraph				
166b			‘ ***'Reversed phase sequence, for AC electrical energy meters';*** ’	‘ ***'Reversed phase sequence, for AC electrical energy meters';*** ’ Text Origin: Council Mandate
Annex III, 8 paragraph				
167	(8) points 5.4. and 5.5. are replaced by the following:	(8) points 5.4. and 5.5. are replaced by the following:	(8) points 5.4. and 5.5. are replaced by the following:	(8) points 5.4. and 5.5. are replaced by the following: Text Origin: Corr COM proposal
Annex III, 8 paragraph, amending provision, numbered paragraph (5.4), first subparagraph				
168	‘ 5.4. Running with no load	‘ 5.4. Running with no load	‘ 5.4. Running with no load	‘ 5.4. Running with no load Text Origin: Corr COM proposal

PUBLIC

		COM proposal	EP Mandate	Council Mandate	Draft Agreement	
Annex III, 8 paragraph, amending provision, numbered paragraph (5.4), second subparagraph						
G	169	When the voltage is applied without any current flowing in the current circuit, the meter shall not register any energy.	When the voltage is applied without any current flowing in the current circuit, the meter shall not register any energy.	When the voltage is applied without any current flowing in the current circuit, the meter shall not register any energy.	When the voltage is applied without any current flowing in the current circuit, the meter shall not register any energy. Text Origin: Corr COM proposal	G
Annex III, 8 paragraph, amending provision, numbered paragraph (5.5), first subparagraph						
G	170	5.5. Starting	5.5. Starting	5.5. Starting	5.5. Starting Text Origin: Corr COM proposal	G
Annex III, 8 paragraph, amending provision, numbered paragraph (5.5), second subparagraph						
G	171	The meter shall start and continue to register at a rate of change of energy equal to the product of the smallest voltage within the rated operating conditions and I_{st}.. ’	The meter shall start and continue to register at a rate of change of energy equal to the product of the smallest voltage within the rated operating conditions and I_{st}.. ’	The meter shall start and continue to register at a rate of change of energy equal to the product of the smallest voltage within the rated operating conditions and I_{st}.. ’	The meter shall start and continue to register at a rate of change of energy equal to the product of the smallest voltage within the rated operating conditions and I_{st}.. ’ Text Origin: Corr COM proposal	G
Annex IV						
G	172	Annex IV	Annex IV	Annex IV	Annex IV Text Origin: Corr COM proposal	G
Annex IV, amending provision, first paragraph						
G	173	‘ ANNEX Va	‘ ANNEX Va	‘ ANNEX Va	‘ ANNEX Va	G

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: Corr COM proposal
Annex IV, amending provision, second paragraph				
174	MEASURING SYSTEMS FOR ELECTRIC VEHICLE SUPPLY EQUIPMENT (MI-003a)	MEASURING SYSTEMS FOR ELECTRIC VEHICLE SUPPLY EQUIPMENT (MI-003a)	MEASURING SYSTEMS FOR ELECTRIC VEHICLE SUPPLY EQUIPMENT (MI-~~003a~~011)	MEASURING SYSTEMS FOR ELECTRIC VEHICLE SUPPLY EQUIPMENT (MI-~~003a~~011) Text Origin: Council Mandate
Annex IV, amending provision, third paragraph				
175	The relevant requirements of Annex I, the specific requirements of this Annex and the conformity assessment procedures listed in this Annex apply to measuring systems for EVSE intended for residential, commercial and light industrial use.	The relevant requirements of Annex I, the specific requirements of this Annex and the conformity assessment procedures listed in this Annex apply to measuring systems for EVSE intended for residential, commercial and light industrial use, ***except if specified otherwise***.	The relevant requirements of Annex I, the specific requirements of this Annex and the conformity assessment procedures listed in this Annex apply to measuring systems for EVSE ~~intended for residential, commercial and light industrial use~~.	The relevant requirements of Annex I, the specific requirements of this Annex and the conformity assessment procedures listed in this Annex apply to measuring systems for EVSE ~~intended for residential, commercial and light industrial use~~. CNL: Deletion because of lack of definition of these uses, unclear. COM: Intention to cover all possible uses. Formula used in other meters with troubles in interpretation across member states. PRES proposed text in recital 7a to clarify that all uses are included. Text Origin: Council Mandate
Annex IV, amending provision, fourth paragraph				

PUBLIC

		COM proposal	EP Mandate	Council Mandate	Draft Agreement	
G	176	DEFINITIONS	DEFINITIONS	DEFINITIONS	DEFINITIONS Text Origin: Corr COM proposal	G
	Annex IV, amending provision, fifth paragraph					
Y	177	A measuring system for EVSE means a system that includes all relevant metrological functions related to the transfer (either way), at a specified transfer point, of electrical energy between EVSE (such as charging stations for electric vehicles) and electric vehicles.	A measuring system for EVSE means a system that includes all relevant metrological functions related to the transfer (either way), at a specified transfer point, of electrical energy between EVSE (such as charging stations for electric vehicles) and electric vehicles.	A measuring system for EVSE means a system that includes all relevant metrological functions related to the ***conductive*** transfer (either ~~*way*~~***direction***), at a specified transfer point, of ***active*** electrical energy between EVSE (such as charging stations for electric vehicles) and electric vehicles ***(such as motor vehicles, rail engines, boats, vessels and aircraft)***.	A measuring system for EVSE means a system that includes all relevant metrological functions related to the ***conductive*** transfer (either ~~*way*~~***direction***), at a specified transfer point, of ***active*** electrical energy between EVSE (such as charging stations for electric vehicles) and electric vehicles ***(such as motor vehicles, rail engines, boats, vessels and aircraft)***. Text Origin: Council Mandate	Y
	Annex IV, amending provision, sixth paragraph					
Y	178	However, by way of derogation from Annex I, such measuring systems shall not be considered as utility measuring instruments.	However, by way of derogation from Annex I, such measuring systems shall not be considered as utility measuring instruments.	~~*However, by way of derogation from Annex I,*~~ Such measuring systems shall not be considered as utility measuring instruments ***as defined in Annex I***.	~~*However, by way of derogation from Annex I,*~~ Such measuring systems shall not be considered as utility measuring instruments ***as defined in Annex I***. Text Origin: Council Mandate	Y
	Annex IV, amending provision, seventh paragraph					
Y	179	Measuring systems for EVSE can also have their basic metrology	Measuring systems for EVSE ~~*can also have their basic metrology*~~	***The metrological functions in a*** measuring ~~*systems*~~***system*** for	***The metrological functions in a*** measuring ~~*systems*~~***system*** for	Y

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
	provided by a separately type approved meter which has been tested for compliance with a recognised metering standard with equal or more stringent requirements.	~~provided by a~~***may use*** separately type ~~approved meter which has been tested for compliance with a recognised~~***meters to obtain metrology data, provided that the meters comply with the applicable*** metering ~~standard with equal or more stringent~~***standards under this directive meeting or exceeding the accuracy and reliability*** requirements ***of the measuring system***.	EVSE can also ~~have their basic metrology~~***be*** provided by ~~a separately type approved~~***an active electrical energy*** meter ***for*** which ***a conformity assessment procedure*** has been ~~tested for compliance with a recognised metering standard with equal or more stringent requirements~~***successfully completed in accordance with this Directive***.	EVSE can also ~~have their basic metrology~~***be*** provided by ~~a separately type approved~~***an active electrical energy*** meter ***for*** which ***a conformity assessment procedure*** has been ~~tested for compliance with a recognised metering standard with equal or more stringent requirements~~***successfully completed in accordance with Annex V of this Directive. The result of that conformity assessment shall be taken into account when performing the conformity assessment for the measuring system for EVSE under this annex***. EP: Stakeholder against the conformity assessment only under this directive. CNL: Strong point for CNL. COM: No need to reassess a meter that already complies with the requirements in the new Annex. To revisit industry concerns. None of the texts addresses all concerns. COM proposed a revised draft that clearly states that not only these meters can be used but that it should

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
				have an advantage if an active electrical meter on the MID is used. (For LL, the mention to this directive means that it is the Directive that is amended. The measuring instruments referenced is Annex V for energy electricity meters). Text Origin: Council Mandate
Annex IV, amending provision, Table				
180	Table (row 180)	Table (row 180)	Table (row 180)	Table (row 180) Text Origin: Council Mandate
Annex IV, amending provision, eighth paragraph				
181	SPECIFIC REQUIREMENTS	SPECIFIC REQUIREMENTS	SPECIFIC REQUIREMENTS	SPECIFIC REQUIREMENTS Text Origin: Corr COM proposal
Annex IV, amending provision, numbered paragraph (1), first subparagraph				
182	1. Accuracy	1. Accuracy	1. Accuracy	1. Accuracy Text Origin: Corr COM proposal
Annex IV, amending provision, numbered paragraph (1), second subparagraph				
183	The manufacturer shall specify the class index of the measuring system for EVSE. The class indices are defined as: Class A, B and C.	The manufacturer shall specify the class index of the measuring system for EVSE. The class indices are defined as: Class ~~*A, B and C*~~***X, Y and Z***.	The manufacturer shall specify the class index of the measuring system for EVSE. The class indices are defined as: Class A, B and C.	The manufacturer shall specify the class index of the measuring system for EVSE. The class indices are defined as: Class A, B and C. Text Origin: Corr COM proposal

PUBLIC

		COM proposal	EP Mandate	Council Mandate	Draft Agreement	
Annex IV, amending provision, numbered paragraph (1), third subparagraph						
G	184	Accuracy shall be determined at the transfer point.	Accuracy shall be determined at the transfer point.	Accuracy shall be determined at the transfer point.	Accuracy shall be determined at the transfer point. Text Origin: Corr COM proposal	G
Annex IV, amending provision, numbered paragraph (1), fourth subparagraph						
Y	185	If energy exchanged at the transfer point is in the form of DC, then DC energy shall be the measurand; if AC energy is exchanged at the transfer point, then AC energy shall be the measurand.	If energy exchanged at the transfer point is in the form of DC, then DC energy shall be the measurand; if AC energy is exchanged at the transfer point, then AC energy shall be the measurand.	If energy exchanged at the transfer point is in the form of DC, then DC energy shall be the measurand; if AC energy is exchanged at the transfer point, then AC ***active*** energy shall be the measurand.	If energy exchanged at the transfer point is in the form of DC, then DC energy shall be the measurand; if AC energy is exchanged at the transfer point, then AC ***active*** energy shall be the measurand. Text Origin: Council Mandate	Y
Annex IV, amending provision, numbered paragraph (1), fourth subparagraph a						
Y	185a			***For the purposes of Annex I, the overall maximum permissible error (MPE) shall be determined as the root of the quadratic sum of BMPE and the allowable error shifts for variations in frequency, voltage and temperature.***	***For the purposes of Annex I, the overall maximum permissible error (MPE) shall be determined as the root of the quadratic sum of BMPE and the allowable error shifts for variations in frequency, voltage and temperature.*** Text Origin: Council Mandate	Y
Annex IV, amending provision, numbered paragraph (2), first subparagraph						
G	186	2. Rated operating conditions	2. Rated operating conditions	2. Rated operating conditions	2. Rated operating conditions Text Origin: Corr COM proposal	G
Annex IV, amending provision, numbered paragraph (2), second subparagraph						

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement	
Y 187	The manufacturer shall specify the rated operating conditions of the measuring system for EVSE, in particular, the values of f_n, U_n, I_{st}, I_{min}, I_{tr} and I_{max} that apply to the measuring system for EVSE.	The manufacturer shall specify the rated operating conditions of the measuring system for EVSE, in particular, the values of f_n, U_n, I_{st}, I_{min}, I_{tr} and I_{max} that apply to the measuring system for EVSE.	The manufacturer shall specify the rated operating conditions of the measuring system for EVSE, in particular, the values of f_n, U_n, I_{st}, I_{min}, I_{tr} and I_{max} ~~that apply to the~~, ***the temperature range, and, for DC*** measuring ~~system for EVSE~~***systems, the output voltage range***.	The manufacturer shall specify the rated operating conditions of the measuring system for EVSE, in particular, the values of f_n, U_n, I_{st}, I_{min}, I_{tr} and I_{max} ~~that apply to the~~, ***the temperature range, and, for DC*** measuring ~~system for EVSE~~***systems, also the output voltage range***. Text Origin: Council Mandate	Y
Annex IV, amending provision, numbered paragraph (2), third subparagraph					
G 188	For the current values specified, the measuring system for EVSE shall fulfil the conditions given in Table 1:	For the current values specified, the measuring system for EVSE shall fulfil the conditions given in Table 1:	For the current values specified, the measuring system for EVSE shall fulfil the conditions given in Table 1:	For the current values specified, the measuring system for EVSE shall fulfil the conditions given in Table 1: Text Origin: Corr COM proposal	G
Annex IV, amending provision, numbered paragraph (2), third subparagraph, first paragraph					
G 189	Table 1 (row 189)	Table 1 (row 189)	Table 1 (row 189)	Table 1 (row 189) Text Origin: Corr COM proposal	G
Annex IV, amending provision, numbered paragraph (2), third subparagraph, Table					
R 189a			Table (row 189a)	Table (row 189a) Text Origin: Council Mandate	R
Annex IV, amending provision, numbered paragraph (2), third subparagraph, Table					
R 190	Table (row 190)	Table (row 190)	*deleted*	*deleted*	R

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: Corr COM proposal
Annex IV, amending provision, numbered paragraph (2), third subparagraph a				
190a			***For EVSE intended for operation in either direction, reverse direction current shall not exceed 100 mA.***	*deleted*
Annex IV, amending provision, numbered paragraph (2), fourth subparagraph				
191	The voltage, frequency and power factor ranges within which the measuring system for EVSE shall satisfy the MPE requirements are specified in Table 2.	The voltage, frequency and power factor ranges within which the measuring system for EVSE shall satisfy the MPE requirements are specified in Table 2.	The voltage, frequency and power factor ranges within which the measuring system for EVSE shall satisfy the ~~*MPE*~~***BMPE*** requirements are specified in Table 2.	The voltage, frequency and power factor ranges within which the measuring system for EVSE shall satisfy the ~~*MPE*~~***BMPE*** requirements are specified in Table 2. Text Origin: Council Mandate
Annex IV, amending provision, numbered paragraph (2), fifth subparagraph				
192	For AC measuring systems, the following shall apply:	For AC measuring systems, the following shall apply:	For AC measuring systems, the following shall apply:	For AC measuring systems, the following shall apply: Text Origin: Corr COM proposal
Annex IV, amending provision, numbered paragraph (2), fifth subparagraph, first indent				
193	- the voltage range shall be: $0,9 \bullet U_n \leq U \leq 1,1 \bullet U_n$;	- the voltage range shall be: $0,9 \bullet U_n \leq U \leq 1,1 \bullet U_n$;	- the voltage range shall be: $0,9 \bullet U_n \leq U \leq 1,1 \bullet U_n$;	- the voltage range shall be: $0,9 \bullet U_n \leq U \leq 1,1 \bullet U_n$; Text Origin: Corr COM proposal
Annex IV, amending provision, numbered paragraph (2), fifth subparagraph, second indent				

		COM proposal	EP Mandate	Council Mandate	Draft Agreement	
G	194	- the frequency range shall be: 0,98·fn ≤f≤1,02·fn;	- the frequency range shall be: 0,98·fn ≤f≤1,02·fn;	- the frequency range shall be: 0,98·fn ≤f≤1,02·fn;	- the frequency range shall be: 0,98·fn ≤f≤1,02·fn; Text Origin: Corr COM proposal	G
Annex IV, amending provision, numbered paragraph (2), fifth subparagraph, third indent						
G	195	- the power factor range shall be: $PF \geq 0,9$;	- the power factor range shall be: $PF \geq 0,9$;	- the power factor range shall be: $PF \geq 0,9$;	- the power factor range shall be: $PF \geq 0,9$; Text Origin: Corr COM proposal	G
Annex IV, amending provision, numbered paragraph (2), fifth subparagraph, fourth indent						
G	196	- the measuring system for EVSE shall operate correctly when the supply voltage distortion is less than 10 % and the load current distortion is less than 3 % at all harmonics indices;	- the measuring system for EVSE shall operate correctly when the supply voltage distortion is less than 10 % and the load current distortion is less than 3 % at all harmonics indices;	- the measuring system for EVSE shall operate correctly when the supply voltage distortion is less than 10 % and the load current distortion is less than 3 % at all harmonics indices;	- the measuring system for EVSE shall operate correctly when the supply voltage distortion is less than 10 % and the load current distortion is less than 3 % at all harmonics indices; Text Origin: Corr COM proposal	G
Annex IV, amending provision, numbered paragraph (2), fifth subparagraph, fifth indent						
Y	197	- the MMQ range shall be: $MMQ \leq 0,1kWh$.	- the MMQ range shall be: $MMQ \leq 0,1kWh$ $MMQ \leq 2kWh$.	- the MMQ range shall be: $MMQ \leq 0,1kWh$.	- the MMQ range shall be: $MMQ \leq 0,1kWh$. Text Origin: Corr COM proposal	Y

PUBLIC

		COM proposal	EP Mandate	Council Mandate	Draft Agreement	
Annex IV, amending provision, numbered paragraph (2), sixth subparagraph						
G	198	For DC measuring systems, the following shall apply:	For DC measuring systems, the following shall apply:	For DC measuring systems, the following shall apply:	For DC measuring systems, the following shall apply: Text Origin: Corr COM proposal	G
Annex IV, amending provision, numbered paragraph (2), sixth subparagraph, first indent						
Y	199	- the voltage range shall be between the lowest and the highest output voltage;	- the voltage range shall be between the lowest and the highest output voltage;	- the ***output*** voltage range shall be between the lowest and the highest ***rated*** output voltage ***of the EVSE measuring system***;	- the ***output*** voltage range shall be between the lowest and the highest ***rated*** output voltage ***of the EVSE measuring system***; Text Origin: Council Mandate	Y
Annex IV, amending provision, numbered paragraph (2), sixth subparagraph, second indent						
Y	200	- while the measuring system for EVSE shall only measure energy having frequencies up to 2 kHz, the ripple produced on the output of the measuring system for EVSE shall not exceed:	- while the measuring system for EVSE shall only measure energy having frequencies up to 2 kHz, the ripple produced on the output of the measuring system for EVSE shall not exceed:	*deleted*	*deleted*	Y
Annex IV, amending provision, numbered paragraph (2), sixth subparagraph, third indent						
Y	*201*	- 1,5 A below 10 Hz, 6 A below 5 kHz, and 9 A below 150 kHz at maximum rated power and maximum rated current or where the output voltage and current correspond to the maximum current ripple for current; and	- 1,5 A below 10 Hz, 6 A below 5 kHz, and 9 A below 150 kHz at maximum rated power and maximum rated current or where the output voltage and current correspond to the maximum current ripple for current; and	*deleted*	*deleted*	Y
Annex IV, amending provision, numbered paragraph (2), sixth subparagraph, fourth indent						

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
202	- ±5 V in normal operation for voltage, while the measuring system for EVSE shall only measure energy having frequencies up to 2 kHz;	- ±5 V in normal operation for voltage, while the measuring system for EVSE shall only measure energy having frequencies up to 2 kHz;	*deleted*	*deleted*
Annex IV, amending provision, numbered paragraph (2), sixth subparagraph, fifth indent				
203	- the MMQ range shall be: $MMQ \leq 1kWh$.	- the MMQ range shall be: $MMQ \leq 1kWh$ $MMQ \leq 5kWh$.	- the MMQ range shall be: $MMQ \leq 1kWh$.	- the MMQ range shall be: $MMQ \leq 1kWh$. Text Origin: Corr COM proposal
Annex IV, amending provision, numbered paragraph (2), sixth subparagraph, sixth indent				
203a		***5a For current ripple, the limits shall fulfil the conditions given in Table 1a.***		*deleted*
Annex IV, amending provision, numbered paragraph (2), sixth subparagraph, seventh indent, Table				
203b		*Table* (row 203b)		*deleted*
Annex IV, amending provision, numbered paragraph (2), sixth subparagraph, eighth indent				
203c		***For voltage ripple, the following limits shall apply:***		*deleted*
Annex IV, amending provision, numbered paragraph (2), sixth subparagraph, ninth indent				

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement	
Y	*203d*		***- For a target voltage of the EV ≤ 500 V DC, ±5 V in normal operation for voltage;***		*deleted*	Y
Annex IV, amending provision, numbered paragraph (2), sixth subparagraph, tenth indent					
Y	*203e*		***- For a target voltage of the EV > 500 V DC, ±1% V of the target voltage of the EV.***		*deleted*	Y
Annex IV, amending provision, numbered paragraph (3)					
G	*204*	*3.*		*3.*	*3.* *Text Origin: Corr COM proposal*	G
Annex IV, amending provision, numbered paragraph (3), first subparagraph					
G	*205*	*3. Base MPEs (BMPEs)*	3. Base MPEs (BMPEs)	3. Base MPEs (BMPEs)	3. Base MPEs (BMPEs) Text Origin: Corr COM proposal	G
Annex IV, amending provision, numbered paragraph (3), second subparagraph					
Y	206	When the measuring system for EVSE is operating under rated operating conditions, the percentage errors shall not exceed the limits given in Table 2 for the specified class index.	When the measuring system for EVSE is operating under rated operating conditions, the percentage errors shall not exceed the limits given in Table 2 for the specified class index.	***When current (AC and DC measuring systems) and voltage (DC measuring systems) is varied within the intervals given by the rated operating conditions, and*** when the measuring system for EVSE is ~~*operating under rated operating*~~***otherwise operated at reference*** conditions, the percentage errors shall not exceed	***When current (AC and DC measuring systems) and voltage (DC measuring systems) is varied within the intervals given by the rated operating conditions, and*** when the measuring system for EVSE is ~~*operating under rated operating*~~***otherwise operated at reference*** conditions, the percentage errors shall not exceed	Y

PUBLIC

		COM proposal	EP Mandate	Council Mandate	Draft Agreement	
				the limits given in Table 2 for the specified class index.	the limits given in Table 2 for the specified class index. Text Origin: Council Mandate	
Annex IV, amending provision, numbered paragraph (3), third subparagraph						
G	207	Table 2	Table 2	Table 2	Table 2 Text Origin: Corr COM proposal	G
Annex IV, amending provision, numbered paragraph (3), Table						
Y	208	Table (row 208)	Table (row 208)	Table (row 208)	Table (row 208) Text Origin: Council Mandate	Y
Annex IV, amending provision, numbered paragraph (3), fourth subparagraph						
G	209	The measuring system for EVSE shall not exploit the BMPEs or systematically favour any party.	The measuring system for EVSE shall not exploit the BMPEs or systematically favour any party.	The measuring system for EVSE shall not exploit the BMPEs or systematically favour any party.	The measuring system for EVSE shall not exploit the BMPEs or systematically favour any party. Text Origin: Corr COM proposal	G
Annex IV, amending provision, numbered paragraph (4), first subparagraph						
G	210	4. Operating requirements	4. Operating requirements	4. Operating requirements	4. Operating requirements Text Origin: Corr COM proposal	G
Annex IV, amending provision, numbered paragraph (4), second subparagraph						
R	211	A measuring system for EVSE that applies corrections to compensate for energy loss introduced by parts comprising a cable and connector mounted	A measuring system for EVSE that applies corrections to compensate for energy loss introduced by parts ~~comprising a cable and connector mounted~~	~~A~~***For*** measuring ~~system~~***systems*** for EVSE ~~that applies corrections to compensate for energy loss introduced by parts comprising~~***including*** a cable	~~A~~***For*** measuring ~~system~~***systems*** for EVSE ~~that applies corrections to compensate for energy loss introduced by parts comprising~~***including*** a cable	R

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
	between the position at which the energy is measured and the transfer point shall do either of the following:	~~between the position at which the energy is measured and the transfer point~~***of the EVSE*** shall do either of the following:	~~and~~***with*** connector mounted between the ~~position~~***point*** at which the energy is measured and the transfer point ~~shall do~~***shall apply***:	~~and~~***with*** connector mounted between the ~~position~~***point*** at which the energy is measured and the transfer point ~~shall do~~***,*** either of the following ***shall apply***:
Annex IV, amending provision, numbered paragraph (4), second subparagraph, point (a)				
R 212	(a) ensure that those parts are not replaceable and that they are secured by an appropriate hardware seal;	(a) ensure that those parts are not replaceable and that they are secured by an appropriate hardware seal;	(a) ~~ensure that those parts are~~***the cable with connector is*** not replaceable and ~~that they are~~***is*** secured by an appropriate hardware seal; ***or***	(a) ~~ensure that those parts are~~***the cable with connector is*** not replaceable and ~~that they are~~***is*** secured by an appropriate hardware seal; ***or***
Annex IV, amending provision, numbered paragraph (4), second subparagraph, point (b)				
R 213	(b) if those parts are intended to be replaceable while the measuring system for EVSE is under seal, ensure, that they are:	(b) if those parts are intended to be replaceable while the measuring system for EVSE is under seal, ensure, that they are:	(b) if ~~those parts are~~***the cable with connector is*** intended to be replaceable while the measuring system for EVSE is under seal, ~~ensure, that they are~~***it shall be***:	(b) if ~~those parts are~~***the cable with connector is*** intended to be replaceable while the measuring system for EVSE is under seal, ~~ensure, that they are~~***it shall be***:
Annex IV, amending provision, numbered paragraph (4), second subparagraph, point (b), first indent				
R 214	- identified in the type approval certificate as replaceable;	- identified in the type approval certificate as replaceable;	- identified in the ~~type approval certificate as replaceable~~***relevant conformity assessment of the measuring system for EVSE as interchangeable and the measuring system for EVSE shall be marked with the characteristics of compatible cables with connectors. That interchangeability shall not affect***	- identified in the ~~type approval certificate as replaceable~~***relevant conformity assessment of the measuring system for EVSE as interchangeable and the measuring system for EVSE shall be marked with the characteristics of compatible cables with connectors***;

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
			compliance with the BMPEs of the declared accuracy class at the transfer point throughout the rated operational conditions;	
Annex IV, amending provision, numbered paragraph (4), second subparagraph, point (b), second indent				
R 215	- marked with information about the cable characteristics and/or that they bear a unique identification;	- marked with information about the cable characteristics and/or that they bear a unique identification;	- marked with ~~*information about the cable*~~***its*** characteristics ~~*and/or that they bear a*~~***and*** unique identification; ***and their its replacement units shall also bear such marking and be assessed independently and separately according to the relevant conformity assessment procedures; and***	- marked with ~~*information about the cable*~~***its*** characteristics ~~*and/or that they bear a*~~***and*** unique identification; ***and its replacement units shall also bear such marking; and*** R
Annex IV, amending provision, numbered paragraph (4), second subparagraph, point (b), third indent				
R 216	- sealed separately with an installer seal.	- sealed separately with an installer seal.	- sealed separately ~~*with an installer seal*~~***in such a way that the replacement does not require access to, or breaking of, the metrologically sealed parts of the measuring system***.	- sealed separately ~~*with an installer seal*~~***in such a way that the replacement does not require access to, or breaking of, the metrologically sealed parts of the measuring system***. R
Annex IV, amending provision, numbered paragraph (4), second subparagraph a				
216a				***The replacement of the cable with connector shall not affect the metrological properties of the measuring system for EVSE.***
Annex IV, amending provision, numbered paragraph (4), second subparagraph b				
R 216b		***1a Calibration compensation requirements shall apply***		*deleted* R

	COM proposal	EP Mandate	Council Mandate	Draft Agreement	
		exclusively to public EVCS installations where billing is based on the energy delivered to the vehicle's battery.			
Annex IV, amending provision, numbered paragraph (4a)					
R	*216c*		***1b Protection requirements shall apply to any component that may influence calibration and is subject to field replacement.***		*deleted* R
Annex IV, amending provision, numbered paragraph (5)					
Y	*217*	*5.* Permissible effects	5. Permissible effects	5. Permissible effects ***of disturbances***	5. Permissible effects Linguistic DQL/DLA check Text Origin: Corr COM proposal Y
Annex IV, amending provision, numbered paragraph (5), point (5.1), first subparagraph					
G	218	5.1. General	5.1. General	5.1. General	5.1. General Text Origin: Corr COM proposal G
Annex IV, amending provision, numbered paragraph (5), point (5.1), second subparagraph					
Y	219	Measuring system for EVSE shall be designed and manufactured in such a way that when exposed to disturbances critical faults do not occur.	Measuring system for EVSE shall be designed and manufactured in such a way that when exposed to disturbances critical faults do not occur.	Measuring system for EVSE shall be designed and manufactured in such a way that when exposed to disturbances critical faults do not occur ***and shifts in accuracy do not exceed the values given in 5.2 and 5.3***.	Measuring system for EVSE shall be designed and manufactured in such a way that when exposed to disturbances critical faults do not occur ***and shifts in accuracy do not exceed the values given in 5.2 and 5.3***. Y

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: Council Mandate
Annex IV, amending provision, numbered paragraph (5), point (5.1), third subparagraph				
220	When there is a foreseeable high risk due to lightning or where overhead supply networks are predominant, the metrological characteristics of the measuring system for EVSE shall be protected.	When there is a foreseeable high risk due to lightning or where overhead supply networks are predominant, the metrological characteristics of the measuring system for EVSE shall be protected.	When there is a foreseeable high risk due to lightning or where overhead supply networks are predominant, the metrological characteristics of the measuring system for EVSE shall be protected.	When there is a foreseeable high risk due to lightning or where overhead supply networks are predominant, the metrological characteristics of the measuring system for EVSE shall be protected. Text Origin: Corr COM proposal
Annex IV, amending provision, numbered paragraph (5), point (5.2), first subparagraph				
221	5.2. Effect of disturbance	5.2. Effect of disturbance	5.2. Effect of ~~disturbance~~***disturbances***	5.2. Effect of ~~disturbance~~***disturbances*** Linguistic DQL/DLA check Text Origin: Council Mandate
Annex IV, amending provision, numbered paragraph (5), point (5.2), second subparagraph				
222	In case of disturbances, the legally relevant data shall be correct or the shift in the accuracy measurements shall not exceed 1,0 BMPE even if the measuring system for EVSE appears to function correctly. Ceasing to function is not a critical fault. If a disturbance interrupts a transaction, either of the following shall apply:	In case of disturbances, the legally relevant data shall be correct or the shift in the accuracy measurements shall not exceed 1,0 BMPE even if the measuring system for EVSE appears to function correctly. Ceasing to function is not a critical fault. If a disturbance interrupts a transaction, either of the following shall apply:	In case of disturbances, the legally relevant data shall be correct or the shift in the accuracy measurements shall not exceed 1,0 BMPE even if the measuring system for EVSE appears to function correctly. Ceasing to function is not a critical fault. If a disturbance interrupts a transaction, either of the following shall apply:	In case of disturbances, the legally relevant data shall be correct or the shift in the accuracy measurements shall not exceed 1,0 BMPE even if the measuring system for EVSE appears to function correctly. Ceasing to function is not a critical fault. If a disturbance interrupts a transaction, either of the following shall apply:

PUBLIC

		COM proposal	EP Mandate	Council Mandate	Draft Agreement	
					Text Origin: Corr COM proposal	
Annex IV, amending provision, numbered paragraph (5), point (5.2), second subparagraph, point (a)						
Y	223	(a) the transaction is cancelled;	(a) the transaction is cancelled;	(a) the transaction is ~~cancelled~~***concluded when the disturbance occurs***;	(a) the transaction is ~~cancelled~~***concluded when the disturbance occurs***; Text Origin: Council Mandate	Y
Annex IV, amending provision, numbered paragraph (5), point (5.2), second subparagraph, point (b)						
Y	224	(b) the transaction is completed correctly when the disturbance is removed.	(b) the transaction is completed correctly when the disturbance is removed.	(b) the transaction ~~*is completed correctly*~~***continues*** when the disturbance is removed.	(b) the transaction ~~*is completed correctly*~~***continues*** when the disturbance is removed. Text Origin: Council Mandate	Y
Annex IV, amending provision, numbered paragraph (5), point (5.3), first subparagraph						
G	225	5.3. Effect of influence quantities	5.3. Effect of influence quantities	5.3. Effect of influence quantities	5.3. Effect of influence quantities Text Origin: Corr COM proposal	G
Annex IV, amending provision, numbered paragraph (5), point (5.3), second subparagraph						
G	226	When the load current is held constant at a point within the rated operating range with the measuring system for EVSE otherwise operated at reference conditions, and when any single influence quantity is varied from its value at reference conditions to its extreme values defined in Tables 3 and 4, the variation of	When the load current is held constant at a point within the rated operating range with the measuring system for EVSE otherwise operated at reference conditions, and when any single influence quantity is varied from its value at reference conditions to its extreme values defined in Tables 3 and 4, the variation of	When the load current is held constant at a point within the rated operating range with the measuring system for EVSE otherwise operated at reference conditions, and when any single influence quantity is varied from its value at reference conditions to its extreme values defined in Tables 3 and 4, the variation of	When the load current is held constant at a point within the rated operating range with the measuring system for EVSE otherwise operated at reference conditions, and when any single influence quantity is varied from its value at reference conditions to its extreme values defined in Tables 3 and 4, the variation of	G

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
	error shall be such that the additional percentage error is not outside the values for error shift specified in Table 4. The measuring system for EVSE shall continue to function after the completion of each of those tests.	error shall be such that the additional percentage error is not outside the values for error shift specified in Table 4. The measuring system for EVSE shall continue to function after the completion of each of those tests.	error shall be such that the additional percentage error is not outside the values for error shift specified in ~~Table~~ ***Tables 3 and*** 4. The measuring system for EVSE shall continue to function after the completion of each of those tests.	error shall be such that the additional percentage error is not outside the values for error shift specified in ~~Table~~ ***Tables 3 and*** 4. The measuring system for EVSE shall continue to function after the completion of each of those tests. Text Origin: Council Mandate
Annex IV, amending provision, numbered paragraph (5), point (5.3), third subparagraph				
227	Table 3	Table 3	Table 3	Table 3 Text Origin: Corr COM proposal
Annex IV, amending provision, numbered paragraph (5), point (5.3), Table				
228	Table (row 228)	Table (row 228)	Table (row 228)	Table (row 228) Linguistic DQL/DLA check Text Origin: Council Mandate
Annex IV, amending provision, numbered paragraph (5), point (5.3), fourth subparagraph				
229	Table 4	Table 4	Table 4	Table 4 Text Origin: Corr COM proposal
Annex IV, amending provision, numbered paragraph (5), point (5.3), Table				
230	Table (row 230)	Table (row 230)	Table (row 230)	Table (row 230) Text Origin: Corr COM proposal
Annex IV, amending provision, numbered paragraph (5), point (5.3), fifth subparagraph				
231	Table notes:	Table notes:	Table notes:	Table notes:

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: Corr COM proposal
Annex IV, amending provision, numbered paragraph (5), point (5.3), fifth subparagraph, point (i)				
232	(i) In case of a measuring system for EVSE with a separately type approved meter, the temperature test can be limited to a check of correct functioning at the extreme temperatures foreseen in the measuring system for EVSE enclosure.	(i) In case of a measuring system for EVSE with a separately type approved meter, the temperature test can be limited to a check of correct functioning at the extreme temperatures foreseen in the measuring system for EVSE enclosure.	(i) In case of a measuring system for EVSE with ~~a separately type approved~~ an active electrical energy meter for which a conformity assessment procedure has been successfully completed in accordance with this Directive, the temperature test can be limited to a check of correct functioning at the extreme temperatures foreseen in the measuring system for EVSE enclosure.	(i) In case of a measuring system for EVSE with ~~a separately type approved~~ an active electrical energy meter for which a conformity assessment procedure has been successfully completed in accordance with Annex V of this Directive, the temperature test can be limited to a check of correct functioning at the extreme temperatures foreseen in the measuring system for EVSE enclosure. Alignment with row 179. Text Origin: Council Mandate
Annex IV, amending provision, numbered paragraph (5), point (5.3), fifth subparagraph, point (ii)				
233	(ii) Not required for measuring for EVSE system with a separately type approved meter if the type approval specifications meet or exceed those of the accuracy class specified by the manufacturer.	(ii) Not required for measuring for EVSE system with a separately type approved meter if the type approval specifications meet or exceed those of the accuracy class specified by the manufacturer.	(ii) Not required for a measuring system for EVSE ~~system with a separately type approved~~ with an active electrical energy meter for which a conformity assessment procedure has been successfully completed in accordance with this Directive if the ~~type approval~~ specifications meet or exceed those of the	(ii) Not required for a measuring system for EVSE ~~system with a separately type approved~~ with an active electrical energy meter for which a conformity assessment procedure has been successfully completed in accordance with Annex V of this Directive if the ~~type approval~~ specifications meet or exceed

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
			accuracy class specified by the manufacturer.	those of the accuracy class specified by the manufacturer. Alignment with row 179. Text Origin: Council Mandate
Annex IV, amending provision, numbered paragraph (5), point (5.3), fifth subparagraph a				
Y 233a		***2a When ancillary devices that are a part of EVSE are used during a charging session, they must comply with the requirements in the table above.***		*deleted*
Annex IV, amending provision, numbered paragraph (6), first subparagraph				
G *234*	*6. Units*	6. Units	6. Units	6. Units Text Origin: Corr COM proposal
Annex IV, amending provision, numbered paragraph (6), second subparagraph				
Y 235	The electrical energy measured shall be displayed in kilowatt-hours or in megawatt-hours.	The electrical energy measured shall be displayed ***at least*** in kilowatt-hours or in megawatt-hours.	The electrical energy measured shall be displayed in kilowatt-hours or ~~*in megawatt-hours*~~***their decimal multiples***.	The electrical energy measured shall be displayed in kilowatt-hours or ~~*in megawatt-hours*~~***their decimal multiples***. Linguistic DQL/DLA check Text Origin: Council Mandate
Annex IV, amending provision, numbered paragraph (6a)				
G 235a			***7. Putting into use***	***7. Putting into use***

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement	
				Text Origin: Council Mandate	
Annex IV, amending provision, numbered paragraph (7), first subparagraph					
G	236	7. The Member State shall ensure that the intended use determines the foreseen and foreseeable practical working conditions, namely the rated operating conditions, so that the measuring system for EVSE is suitable for its use.	7. The Member State shall ensure that the intended use determines the foreseen and foreseeable practical working conditions, namely the rated operating conditions, so that the measuring system for EVSE is suitable for its use.	~~7.~~ The Member State shall ensure that the intended use determines the foreseen and foreseeable practical working conditions, namely the rated operating conditions, so that the measuring system for EVSE is suitable for its use. Text Origin: Council Mandate	G
Annex IV, amending provision, numbered paragraph (7), first subparagraph a					
Y	236a		***Where a Member State imposes measurement of publicly accessible EVSE such measurement shall be performed by minimum Class B.***	*deleted* *CNL: Consumer protection and to harmonise across MSs.* *COM: Difficulties, as it is too stringent. Specially to specify between the measuring device and the EVSE as a whole.* *CNL to check*	Y
Annex IV, amending provision, numbered paragraph (7), first subparagraph b					
Y	*236b*		***Where a Member State imposes measurement of rail engines, boats, vessels and aircraft such***	*deleted* *Same as above*	Y

PUBLIC

		COM proposal	EP Mandate	Council Mandate	Draft Agreement	
				measurements shall be performed by Class C	CNL to check.	
Annex IV, amending provision, numbered paragraph (7), second subparagraph						
G	*237*	CONFORMITY ASSESSMENT	CONFORMITY ASSESSMENT	CONFORMITY ASSESSMENT	CONFORMITY ASSESSMENT Text Origin: Corr COM proposal	G
Annex IV, amending provision, numbered paragraph (7), third subparagraph						
G	238	The conformity assessment procedures referred to in Article 17 that the manufacturer can choose between are:	The conformity assessment procedures referred to in Article 17 that the manufacturer can choose between are:	The conformity assessment procedures referred to in Article 17 that the manufacturer can choose between are:	The conformity assessment procedures referred to in Article 17 that the manufacturer can choose between are: Text Origin: Corr COM proposal	G
Annex IV, amending provision, numbered paragraph (7), third subparagraph, first paragraph						
Y	239	B + F or B + D or H1.. ,	B + F or B + D or H1.. ,	B + F or B + D or ***G or*** H1.- ,	B + F or B + D or ***G or*** H1.- , Text Origin: Council Mandate	Y
Annex V						
G	240	Annex V	Annex V	Annex V	Annex V Text Origin: Corr COM proposal	G
Annex V, first paragraph						
G	241	Annex VI to Directive 2014/32/EU is amended as follows:	Annex VI to Directive 2014/32/EU is amended as follows:	Annex VI to Directive 2014/32/EU is amended as follows:	Annex VI to Directive 2014/32/EU is amended as follows:	G

PUBLIC

		COM proposal	EP Mandate	Council Mandate	Draft Agreement
					Text Origin: Corr COM proposal
Annex V, second paragraph					
G	242	(1) the part 'DEFINITIONS' is amended as follows:	(1) the part 'DEFINITIONS' is amended as follows:	(1) the part 'DEFINITIONS' is amended as follows:	(1) the part 'DEFINITIONS' is amended as follows: Text Origin: Corr COM proposal
Annex V, second paragraph, point (a)					
G	243	(a) the first paragraph is replaced by the following:	(a) the first paragraph is replaced by the following:	(a) the first paragraph is replaced by the following:	(a) the first paragraph is replaced by the following: Text Origin: Corr COM proposal
Annex V, second paragraph, point (a), amending provision, first paragraph					
G	244	' A thermal energy meter is an instrument designed to measure the energy which in a heat-exchange circuit is absorbed (cooling) and/or given up (heating) by a liquid called the thermal energy-conveying liquid.; '	' A thermal energy meter is an instrument designed to measure the energy which in a heat-exchange circuit is absorbed (cooling) and/or given up (heating) by a liquid called the thermal energy-conveying liquid.; '	' A thermal energy meter is an instrument designed to measure the energy which in a heat-exchange circuit is absorbed (cooling) and/or given up (heating) by a liquid called the thermal energy-conveying liquid.; '	' A thermal energy meter is an instrument designed to measure the energy which in a heat-exchange circuit is absorbed (cooling) and/or given up (heating) by a liquid called the thermal energy-conveying liquid.; ' Text Origin: Corr COM proposal
Annex V, second paragraph, point (b)					
G	245	(b) in the table, the fourth row is replaced by the following:	(b) in the table, the fourth row is replaced by the following:	(b) in the table, the fourth row is replaced by the following:	(b) in the table, the fourth row is replaced by the following: Text Origin: Corr COM proposal

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
Annex V, second paragraph, point (b), amending provision, first paragraph				
246	‘		‘	‘ Text Origin: Corr COM proposal
Annex V, second paragraph, point (b), amending provision, Table				
247	Table (row 247)	‘Table (row 247)	Table (row 247)	Table (row 247) Text Origin: Council Mandate
Annex V, second paragraph, point (b), amending provision, second paragraph				
248	’		’	’ Text Origin: Corr COM proposal
Annex V, 2 paragraph				
249	(2) point 1.1. is replaced by the following:	(2) point 1.1. is replaced by the following:	(2) point 1.1. is replaced by the following:	(2) point 1.1. is replaced by the following: Text Origin: Corr COM proposal
Annex V, 2 paragraph, amending provision, numbered paragraph (1.1)				
250	‘ 1.1. For the temperature of the liquid: θ_{max}, θ_{min},	‘ 1.1. For the temperature of the liquid: θ_{max}, θ_{min},	‘ 1.1. For the temperature of the liquid: θ_{max}, θ_{min},	‘ 1.1. For the temperature of the liquid: θ_{max}, θ_{min}, Text Origin: Corr COM proposal
Annex V, 2 paragraph, amending provision, numbered paragraph (1.1), first indent, first subparagraph				

PUBLIC

		COM proposal	EP Mandate	Council Mandate	Draft Agreement	
G	251	- for the temperature differences: $\Delta\theta_{max}$, $\Delta\theta_{min}$, subject to the following restrictions:	- for the temperature differences: $\Delta\theta_{max}$, $\Delta\theta_{min}$, subject to the following restrictions:	- for the temperature differences: $\Delta\theta_{max}$, $\Delta\theta_{min}$, subject to the following restrictions:	- for the temperature differences: $\Delta\theta_{max}$, $\Delta\theta_{min}$, subject to the following restrictions: Text Origin: Corr COM proposal	G
Annex V, 2 paragraph, amending provision, numbered paragraph (1.1), first indent, second subparagraph						
G	252	$\Delta\theta max/\Delta\theta min \geq 10$	$\Delta\theta max/\Delta\theta min \geq 10$	$\Delta\theta max/\Delta\theta min \geq 10$	$\Delta\theta max/\Delta\theta min \geq 10$ Text Origin: Corr COM proposal	G
Annex V, 2 paragraph, amending provision, numbered paragraph (1.1), first indent, third subparagraph						
G	253	with the exception of cooling applications;	with the exception of cooling applications;	with the exception of cooling applications;	with the exception of cooling applications; Text Origin: Corr COM proposal	G
Annex V, 2 paragraph, amending provision, numbered paragraph (1.1), first indent, fourth subparagraph						
G	254	$\Delta\theta_{min}$ is a whole number in the range of 1 K and 10 K; ,	$\Delta\theta_{min}$ is a whole number in the range of 1 K and 10 K; ,	$\Delta\theta_{min}$ is a whole number in the range of 1 K and 10 K; ,	$\Delta\theta_{min}$ is a whole number in the range of 1 K and 10 K; , Text Origin: Corr COM proposal	G
Annex V, 3 paragraph						
G	255	(3) point 1.3. is replaced by the following:	(3) point 1.3. is replaced by the following:	(3) point 1.3. is replaced by the following:	(3) point 1.3. is replaced by the following: Text Origin: Corr COM proposal	G
Annex V, 3 paragraph, amending provision, numbered paragraph (1.3)						

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
256	‘ 1.3. For the flow rates of the liquid: q_s, q_p, q_i, where the values of q_p and q_i are subject to the following restriction: $q_p/p_i \geq 5$. ,	‘ 1.3. For the flow rates of the liquid: q_s, q_p, q_i, where the values of q_p and q_i are subject to the following restriction: $q_p/p_i \geq 5$. ,	‘ 1.3. For the flow rates of the liquid: q_s, q_p, q_i, where the values of q_p and q_i are subject to the following restriction: $q_p/p_i \geq 5$ $q_p/q_i \geq 5$. ,	‘ 1.3. For the flow rates of the liquid: q_s, q_p, q_i, where the values of q_p and q_i are subject to the following restriction: $q_p/p_i \geq 5$ $q_p/q_i \geq 5$. , Linguistic DQL/DLA check Text Origin: Council Mandate
Annex VI				
257	Annex VI	Annex VI	Annex VI	Annex VI Text Origin: Corr COM proposal
Annex VI, amending provision, first paragraph				
258	‘ ANNEX VIIa	‘ ANNEX VIIa	‘ ANNEX VIIa	‘ ANNEX VIIa Text Origin: Corr COM proposal
Annex VI, amending provision, second paragraph				
259	MEASURING SYSTEMS FOR COMPRESSED GAS DISPENSERS (MI-005a)	MEASURING SYSTEMS FOR COMPRESSED GAS DISPENSERS (MI-005a)	MEASURING SYSTEMS FOR COMPRESSED GAS DISPENSERS (MI-~~005a~~012)	MEASURING SYSTEMS FOR COMPRESSED GAS DISPENSERS (MI-~~005a~~012)

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: Council Mandate
Annex VI, amending provision, third paragraph				
260	The relevant requirements of Annex I, the specific requirements of this Annex and the conformity assessment procedures listed in this Annex apply to measuring systems intended for the continuous and dynamic measurement of quantities (mass or energy) of compressed gas.	The relevant requirements of Annex I, the specific requirements of this Annex and the conformity assessment procedures listed in this Annex apply to measuring systems intended for the continuous and dynamic measurement of quantities (mass or energy) of compressed gas.	The relevant requirements of Annex I, the specific requirements of this Annex and the conformity assessment procedures listed in this Annex apply to measuring systems intended for the continuous and dynamic measurement of quantities (mass ~~or~~***and, if applicable,*** energy) of compressed gas.	The relevant requirements of Annex I, the specific requirements of this Annex and the conformity assessment procedures listed in this Annex apply to measuring systems intended for the continuous and dynamic measurement of quantities (mass ~~or~~***and, if applicable,*** energy) of compressed gas. Text Origin: Council Mandate
Annex VI, amending provision, fourth paragraph				
261	However, by way of derogation from Annex I, such measuring systems shall not be considered as utility measuring instruments.	However, by way of derogation from Annex I, such measuring systems shall not be considered as utility measuring instruments.	~~*However, by way of derogation from Annex I,*~~ Such measuring systems shall not be considered as utility measuring instruments ***as defined in Annex I***.	~~*However, by way of derogation from Annex I,*~~ Such measuring systems shall not be considered as utility measuring instruments ***as defined in Annex I***. Text Origin: Council Mandate
Annex VI, amending provision, fifth paragraph				
262	DEFINITIONS	DEFINITIONS	DEFINITIONS	DEFINITIONS Text Origin: Corr COM proposal
Annex VI, amending provision, Table				
263	Table (row 263)	Table (row 263)	Table (row 263)	Table (row 263)

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: Council Mandate
Annex VI, amending provision, sixth paragraph				
264	SPECIFIC REQUIREMENTS	SPECIFIC REQUIREMENTS	SPECIFIC REQUIREMENTS	SPECIFIC REQUIREMENTS Text Origin: Corr COM proposal
Annex VI, amending provision, numbered paragraph (1), first subparagraph				
265	1. Rated operating conditions	1. Rated operating conditions	1. Rated operating conditions	1. Rated operating conditions Text Origin: Corr COM proposal
Annex VI, amending provision, numbered paragraph (1), second subparagraph				
266	The manufacturer shall specify the rated operating conditions for the instrument, in particular:	The manufacturer shall specify the rated operating conditions for the instrument, in particular:	The manufacturer shall specify the rated operating conditions for the instrument, in particular:	The manufacturer shall specify the rated operating conditions for the instrument, in particular: Text Origin: Corr COM proposal
Annex VI, amending provision, numbered paragraph (1), second subparagraph, point (1.1), first subparagraph				
267	1.1. The flowrate range	1.1. The flowrate range	1.1. The flowrate range	1.1. The flowrate range Text Origin: Corr COM proposal
Annex VI, amending provision, numbered paragraph (1), second subparagraph, point (1.1), second subparagraph				
268	The flowrate range is subject to the following conditions:	The flowrate range is subject to the following conditions:	The flowrate range is subject to the following conditions:	The flowrate range is subject to the following conditions: Text Origin: Corr COM proposal
Annex VI, amending provision, numbered paragraph (1), second subparagraph, point (1.1), second subparagraph, point (a)				

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
G 269	(a) the flowrate range of a measuring system shall be within the flowrate range of each of its elements, in particular the meter;	(a) the flowrate range of a measuring system shall be within the flowrate range of each of its elements, in particular the meter;	(a) the flowrate range of a measuring system shall be within the flowrate range of each of its elements, in particular the meter; ***and***	(a) the flowrate range of a measuring system shall be within the flowrate range of each of its elements, in particular the meter; ***and*** Linguistic DQL/DLA check Text Origin: Council Mandate
Annex VI, amending provision, numbered paragraph (1), second subparagraph, point (1.1), second subparagraph, point (b)				
G 270	(b) for CG dispensers, the ratio between the minimum and maximum flow rate shall be no less than 10.	(b) for CG dispensers, the ratio between the ~~*minimum and*~~ maximum ***and minimum*** flow rate shall be no less than 10.	(b) ~~*for CG dispensers,*~~ the ratio between the minimum and maximum flow rate shall be no less than 10.	(b) ~~*for CG dispensers,*~~ the ratio between the ~~*minimum and*~~ maximum ***and minimum*** flow rate shall be no less than 10. EP: it was an error in the original text as MID today used the wording 'maximum and minimum'. COM agrees Text Origin: EP Mandate
Annex VI, amending provision, numbered paragraph (1), second subparagraph, point (1.2)				
G 271	1.2. The properties of the gas to be measured by the instrument by specifying the name, the type or the following relevant characteristics of that gas such as:	1.2. The properties of the gas to be measured by the instrument by specifying the name, the type or the following relevant characteristics of that gas such as:	1.2. The properties of the gas to be measured by the instrument by specifying the name, the type or the following relevant characteristics of that gas such as:	1.2. The properties of the gas to be measured by the instrument by specifying the name, the type or the following relevant characteristics of that gas such as: Text Origin: Corr COM proposal
Annex VI, amending provision, numbered paragraph (1), second subparagraph, point (1.2)(a)				

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
272	(a) temperature range;	(a) temperature range;	(a) temperature range;	(a) temperature range; Text Origin: Corr COM proposal
Annex VI, amending provision, numbered paragraph (1), second subparagraph, point (1.2)(b)				
273	(b) pressure range;	(b) pressure range;	(b) pressure range;	(b) pressure range; Text Origin: Corr COM proposal
Annex VI, amending provision, numbered paragraph (1), second subparagraph, point (1.2)(c)				
274	(c) heating value of the gas;	(c) heating value of the gas;	(c) ~~heating~~***the calorific*** value of the gas;	(c) ~~heating~~***the calorific*** value of the gas; Text Origin: Council Mandate
Annex VI, amending provision, numbered paragraph (1), second subparagraph, point (1.2)(d)				
275	(d) the nature and characteristics of the gas to be measured.	(d) the nature and characteristics of the gas to be measured.	(d) the nature and characteristics of the gas to be measured.	(d) the nature and characteristics of the gas to be measured. Text Origin: Corr COM proposal
Annex VI, amending provision, numbered paragraph (1), second subparagraph, point (1.3)				
276	1.3. The nominal value of the AC voltage supply and/or limits of the DC voltage supply.	1.3. The nominal value of the AC voltage supply and/or limits of the DC voltage supply.	1.3. The nominal value of the AC voltage supply and/or limits of the DC voltage supply.	1.3. The nominal value of the AC voltage supply and/or limits of the DC voltage supply. Text Origin: Corr COM proposal
Annex VI, amending provision, numbered paragraph (2)				
277	2. Accuracy classification and MPEs	2. Accuracy classification and MPEs	2. Accuracy classification and MPEs	2. Accuracy classification and MPEs

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
				Text Origin: Corr COM proposal
Annex VI, amending provision, numbered paragraph (2), point (2.1), first subparagraph				
278	2.1. The MPE on the indication of measured or converted amounts transferred at the transfer point is set out in Table 1.	2.1. The MPE on the indication of measured or converted amounts transferred at the transfer point is set out in Table 1.	2.1. The MPE on the indication of measured or converted amounts transferred at the transfer point is set out in Table 1.	2.1. The MPE on the indication of measured or converted amounts transferred at the transfer point is set out in Table 1. Text Origin: Corr COM proposal
Annex VI, amending provision, numbered paragraph (2), point (2.1), second subparagraph				
279	Table 1	Table 1	Table 1	Table 1 Text Origin: Corr COM proposal
Annex VI, amending provision, numbered paragraph (2), point (2.1), Table				
280	Table (row 280)	Table (row 280)	Table (row 280)	Table (row 280) Linguistic DQL/DLA check Text Origin: Council Mandate
Annex VI, amending provision, numbered paragraph (2), point (2.1), third subparagraph				
281	The MPE on the MMQ equals twice the value stated in Table 1.	The MPE on the MMQ equals twice the value stated in Table 1.	The MPE on the MMQ equals twice the value stated in Table 1.	The MPE on the MMQ equals twice the value stated in Table 1. Text Origin: Corr COM proposal
Annex VI, amending provision, numbered paragraph (2), point (2.2), first subparagraph				
282	2.2. The MMQ of a measuring system shall have the form 1 ×	2.2. The MMQ of a measuring system shall have the form 1 ×	2.2. The MMQ of a measuring system shall have the form 1 ×	2.2. The MMQ of a measuring system shall have the form 1 ×

PUBLIC

		COM proposal	EP Mandate	Council Mandate	Draft Agreement	
		10n, 2 × 10n, or 5 × 10n authorised units of mass or energy, where n is a positive or negative whole number, or zero.	10n, 2 × 10n, or 5 × 10n authorised units of mass or energy, where n is a positive or negative whole number, or zero.	10n, 2 × 10n, or 5 × 10n authorised units of mass or energy, where n is a positive or negative whole number, or zero.	10n, 2 × 10n, or 5 × 10n authorised units of mass or energy, where n is a positive or negative whole number, or zero. Text Origin: Corr COM proposal	
Annex VI, amending provision, numbered paragraph (2), point (2.2), second subparagraph						
G	283	The MMQ shall satisfy the conditions of use of the measuring system; except in exceptional cases, the measuring system shall not be used for measuring quantities less than that MMQ.	The MMQ shall satisfy the conditions of use of the measuring system; except in exceptional cases, the measuring system shall not be used for measuring quantities less than that MMQ.	The MMQ shall satisfy the conditions of use of the measuring system; except in exceptional cases, the measuring system shall not be used for measuring quantities less than that MMQ.	The MMQ shall satisfy the conditions of use of the measuring system; except in exceptional cases, the measuring system shall not be used for measuring quantities less than that MMQ. Text Origin: Corr COM proposal	G
Annex VI, amending provision, numbered paragraph (2), point (2.3)						
G	284	2.3. The measuring system shall not exploit the MPEs or systematically favour any party.	2.3. The measuring system shall not exploit the MPEs or systematically favour any party.	2.3. The measuring system shall not exploit the MPEs or systematically favour any party.	2.3. The measuring system shall not exploit the MPEs or systematically favour any party. Text Origin: Corr COM proposal	G
Annex VI, amending provision, numbered paragraph (3)						
G	285	3. Maximum permissible effect of disturbances	3. Maximum permissible effect of disturbances	3. Maximum permissible effect of disturbances	3. Maximum permissible effect of disturbances Text Origin: Corr COM proposal	G
Annex VI, amending provision, numbered paragraph (3), point (3.1)						

PUBLIC

		COM proposal	EP Mandate	Council Mandate	Draft Agreement	
G	286	3.1. The effect of an electromagnetic disturbance on a measuring system shall be one of the following:	3.1. The effect of an electromagnetic disturbance on a measuring system shall be one of the following:	3.1. The effect of an electromagnetic disturbance on a measuring system shall be one of the following:	3.1. The effect of an electromagnetic disturbance on a measuring system shall be one of the following: Text Origin: Corr COM proposal	G
Annex VI, amending provision, numbered paragraph (3), point (3.1)(a)						
G	287	(a) the change in the measurement result is not greater than the critical change value pursuant to point 3.2;	(a) the change in the measurement result is not greater than the critical change value pursuant to point 3.2;	(a) the change in the measurement result is not greater than the critical change value pursuant to point 3.2;	(a) the change in the measurement result is not greater than the critical change value pursuant to point 3.2; Text Origin: Corr COM proposal	G
Annex VI, amending provision, numbered paragraph (3), point (3.1)(b)						
G	288	(b) the indication of the measurement result shows a momentary variation that cannot be interpreted, memorised or transmitted as a measurement result; furthermore, in the case of an interruptible system, that can also mean the impossibility to perform any measurement;	(b) the indication of the measurement result shows a momentary variation that cannot be interpreted, memorised or transmitted as a measurement result; furthermore, in the case of an interruptible system, that can also mean the impossibility to perform any measurement;	(b) the indication of the measurement result shows a momentary variation that cannot be interpreted, memorised or transmitted as a measurement result; furthermore, in the case of an interruptible system, that can also mean the impossibility to perform any measurement; ***or***	(b) the indication of the measurement result shows a momentary variation that cannot be interpreted, memorised or transmitted as a measurement result; furthermore, in the case of an interruptible system, that can also mean the impossibility to perform any measurement; ***or*** Linguistic DQL/DLA check Text Origin: Council Mandate	G
Annex VI, amending provision, numbered paragraph (3), point (3.1)(c)						
G	289	(c) the change in the measurement result is greater than the critical change value pursuant	(c) the change in the measurement result is greater than the critical change value pursuant	(c) the change in the measurement result is greater than the critical change value pursuant	(c) the change in the measurement result is greater than the critical change value pursuant	G

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
	to point 3.2, in which case the measuring system shall permit the retrieval of the measurement result just before the critical change value occurred and cut off the flow.	to point 3.2, in which case the measuring system shall permit the retrieval of the measurement result just before the critical change value occurred and cut off the flow.	to point 3.2, in which case the measuring system shall permit the retrieval of the measurement result just before the critical change value occurred and cut off the flow.	to point 3.2, in which case the measuring system shall permit the retrieval of the measurement result just before the critical change value occurred and cut off the flow. Text Origin: Corr COM proposal
Annex VI, amending provision, numbered paragraph (3), point (3.2)				
290	3.2. The critical change value is the greater of the following values:	3.2. The critical change value is the greater of the following values:	3.2. The critical change value is the greater of the following values:	3.2. The critical change value is the greater of the following values: Text Origin: Corr COM proposal
Annex VI, amending provision, numbered paragraph (3), point (3.2), first indent				
291	- one tenth of the MPE;	- one tenth of the MPE;	- ~~one tenth~~***10%*** of the MPE;	- ~~one tenth~~***10%*** of the MPE; Linguistic DQL/DLA check Text Origin: Council Mandate
Annex VI, amending provision, numbered paragraph (3), point (3.2), second indent				
292	- three times the MMQ divided by 100; in the case of a failure of the main power source, the critical change value shall be increased by 5 % of the MMQ.	- three times the MMQ divided by 100; in the case of a failure of the main power source, the critical change value shall be increased by 5 % of the MMQ.	- ~~three times~~***3% of*** the MMQ ~~divided by 100~~; in the case of a failure of the main power source, the critical change value shall be increased by 5 % of the MMQ.	- ~~three times~~***3% of*** the MMQ ~~divided by 100~~; in the case of a failure of the main power source, the critical change value shall be increased by 5 % of the MMQ. Linguistic DQL/DLA check Text Origin: Council Mandate

PUBLIC

		COM proposal	EP Mandate	Council Mandate	Draft Agreement	
Annex VI, amending provision, numbered paragraph (4), first subparagraph						
G	293	4. Durability	4. Durability	4. Durability	4. Durability Text Origin: Corr COM proposal	G
Annex VI, amending provision, numbered paragraph (4), second subparagraph						
G	294	For systems fitted with meters with moving parts, after an appropriate test, taking into account the period of time estimated by the manufacturer, has been performed, the following criterion shall be satisfied:	For systems fitted with meters with moving parts, after an appropriate test, taking into account the period of time estimated by the manufacturer, has been performed, the following criterion shall be satisfied:	For systems fitted with meters with moving parts, after an appropriate test, taking into account the period of time estimated by the manufacturer, has been performed, the following criterion shall be satisfied:	For systems fitted with meters with moving parts, after an appropriate test, taking into account the period of time estimated by the manufacturer, has been performed, the following criterion shall be satisfied: Text Origin: Corr COM proposal	G
Annex VI, amending provision, numbered paragraph (4), second subparagraph, first paragraph						
G	295	The variation of the measurement result after the durability test, when compared with the initial measurement result, shall not exceed two fifths of the MPE.	The variation of the measurement result after the durability test, when compared with the initial measurement result, shall not exceed two fifths of the MPE.	The variation of the measurement result after the durability test, when compared with the initial measurement result, shall not exceed two fifths of the MPE.	The variation of the measurement result after the durability test, when compared with the initial measurement result, shall not exceed two fifths of the MPE. Text Origin: Corr COM proposal	G
Annex VI, amending provision, numbered paragraph (5)						
G	296	5. Suitability	5. Suitability	5. Suitability	5. Suitability Text Origin: Corr COM proposal	G
Annex VI, amending provision, numbered paragraph (5), point (5.1), first subparagraph						

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement	
Y	297	5.1. For any measured quantity relating to the same measurement, the indications and, if applicable, printouts provided by various devices shall have the same scale interval and the results shall not deviate one from another.	5.1. For any measured quantity relating to the same measurement, the indications and, if applicable, printouts provided by various devices shall have the same scale interval and the results shall not deviate one from another.	5.1. For any measured quantity relating to the same measurement, the indications and, if applicable, printouts provided by various devices, ***including the ones that are part of a self-service arrangement,*** shall have the same scale interval and the results shall not deviate one from another.	5.1. For any measured quantity relating to the same measurement, the indications and, if applicable, printouts provided by various devices, ***including the ones that are part of a self-service arrangement,*** shall have the same scale interval and the results shall not deviate one from another. Text Origin: Council Mandate	Y
Annex VI, amending provision, numbered paragraph (5), point (5.1), second subparagraph					
G	298	The scale interval of a CG measuring system shall not exceed one and a half times the MMQ divided by 100.	The scale interval of a CG measuring system shall not exceed one and a half times the MMQ divided by 100.	The scale interval of a CG measuring system shall not exceed ~~*one and a half times*~~***1,5 % of*** the MMQ ~~*divided by 100*~~.	Linguistic DQL/DLA check	G
Annex VI, amending provision, numbered paragraph (5), point (5.2)					
G	299	5.2. It shall not be possible to divert the measured quantity in normal conditions of use unless it is readily apparent.	5.2. It shall not be possible to divert the measured quantity in normal conditions of use unless it is readily apparent.	5.2. It shall not be possible to divert the measured quantity in normal conditions of use unless it is readily apparent.	5.2. It shall not be possible to divert the measured quantity in normal conditions of use unless it is readily apparent. Text Origin: Corr COM proposal	G
Annex VI, amending provision, numbered paragraph (5), point (5.3)					
G	300	5.3. During the warm-up time of the CG measuring system, no measurements shall take place.	5.3. During the warm-up time of the CG measuring system, no measurements shall take place.	5.3. During the warm-up time of the CG measuring system, no measurements shall take place.	5.3. During the warm-up time of the CG measuring system, no measurements shall take place. Text Origin: Corr COM proposal	G

PUBLIC

		COM proposal	EP Mandate	Council Mandate	Draft Agreement	
Annex VI, amending provision, numbered paragraph (5), point (5.4)						
G	301	5.4. Instruments for direct sales	5.4. Instruments for direct sales	5.4. Instruments for direct sales	5.4. Instruments for direct sales Text Origin: Corr COM proposal	G
Annex VI, amending provision, numbered paragraph (5), point (5.4)(5.4.1), first subparagraph						
G	302	5.4.1. A measuring system for direct sales shall be provided with means for resetting the display to zero.	5.4.1. A measuring system for direct sales shall be provided with means for resetting the display to zero.	5.4.1. A measuring system for direct sales shall be provided with means for resetting the display to zero.	5.4.1. A measuring system for direct sales shall be provided with means for resetting the display to zero. Text Origin: Corr COM proposal	G
Annex VI, amending provision, numbered paragraph (5), point (5.4)(5.4.1), second subparagraph						
G	303	It shall not be possible to divert measured gas downstream of the meter during a filling operation.	It shall not be possible to divert measured gas downstream of the meter during a filling operation.	It shall not be possible to divert measured gas downstream of the meter during a filling operation.	It shall not be possible to divert measured gas downstream of the meter during a filling operation. Text Origin: Corr COM proposal	G
Annex VI, amending provision, numbered paragraph (5), point (5.4)(5.4.2)						
G	304	5.4.2. The display of the quantity on which the transaction is based shall be permanent until all parties in the transaction have accepted the measurement result.	5.4.2. The display of the quantity on which the transaction is based shall be permanent until all parties in the transaction have accepted the measurement result.	5.4.2. The display of the quantity on which the transaction is based shall be permanent until all parties in the transaction have accepted the measurement result.	5.4.2. The display of the quantity on which the transaction is based shall be permanent until all parties in the transaction have accepted the measurement result. Text Origin: Corr COM proposal	G
Annex VI, amending provision, numbered paragraph (5), point (5.4)(5.4.3)						

PUBLIC

		COM proposal	EP Mandate	Council Mandate	Draft Agreement	
G	305	5.4.3. Measuring systems for direct sales shall be interruptible.	5.4.3. Measuring systems for direct sales shall be interruptible.	5.4.3. Measuring systems for direct sales shall be interruptible.	5.4.3. Measuring systems for direct sales shall be interruptible. Text Origin: Corr COM proposal	G
Annex VI, amending provision, numbered paragraph (5), point (5.4)(5.4.4)						
Y	306	5.4.4. Measuring systems for direct sales shall display either in units of mass or energy.	5.4.4. Measuring systems for direct sales shall display either in units of mass or energy.	5.4.4. Measuring systems for direct sales shall display either in units of mass ~~or~~***and, if applicable,*** energy.	5.4.4. Measuring systems for direct sales shall display either in units of mass ~~or~~***and, if applicable,*** energy. Text Origin: Council Mandate	Y
Annex VI, amending provision, numbered paragraph (5), point (5.5)						
G	307	5.5. CG Dispensers	5.5. CG Dispensers	5.5. ~~CG Dispensers~~***Additional requirements for the display***	5.5. ~~CG Dispensers~~***Additional requirements for the display*** Text Origin: Council Mandate	G
Annex VI, amending provision, numbered paragraph (5), point (5.5)(5.5.1)						
G	308	5.5.1. It shall not be possible to reset displays on CG dispensers to zero during a measurement.	5.5.1. It shall not be possible to reset displays on CG dispensers to zero during a measurement.	5.5.1. It shall not be possible to reset displays on CG dispensers to zero during a measurement.	5.5.1. It shall not be possible to reset displays on CG dispensers to zero during a measurement. Text Origin: Corr COM proposal	G
Annex VI, amending provision, numbered paragraph (5), point (5.5)(5.5.2)						
G	309	5.5.2. The start of a new measurement shall be inhibited until the display has been reset to zero.	5.5.2. The start of a new measurement shall be inhibited until the display has been reset to zero.	5.5.2. The start of a new measurement shall be inhibited until the display has been reset to zero.	5.5.2. The start of a new measurement shall be inhibited until the display has been reset to zero.	G

PUBLIC

		COM proposal	EP Mandate	Council Mandate	Draft Agreement
					Text Origin: Corr COM proposal
Annex VI, amending provision, numbered paragraph (5), point (5.5)(5.5.3)					
G	310	5.5.3. Where a measuring system is fitted with a price display, the difference between the indicated price and the price calculated from the unit price and the indicated quantity shall not exceed the smallest currency unit. However, that difference need not be less than the smallest monetary value.	5.5.3. Where a measuring system is fitted with a price display, the difference between the indicated price and the price calculated from the unit price and the indicated quantity shall not exceed the smallest currency unit. However, that difference need not be less than the smallest monetary value.	5.5.3. Where a measuring system is fitted with a price display, the difference between the indicated price and the price calculated from the unit price and the indicated quantity shall not exceed the smallest currency unit. However, that difference need not be less than the smallest monetary value.	5.5.3. Where a measuring system is fitted with a price display, the difference between the indicated price and the price calculated from the unit price and the indicated quantity shall not exceed the smallest currency unit. However, that difference need not be less than the smallest monetary value. Text Origin: Corr COM proposal
Annex VI, amending provision, numbered paragraph (6), first subparagraph					
G	311	6. Power supply failure	6. Power supply failure	6. Power supply failure	6. Power supply failure Text Origin: Corr COM proposal
Annex VI, amending provision, numbered paragraph (6), second subparagraph					
G	312	A measuring system shall either be provided with an emergency power supply device that will safeguard all measuring functions during the failure of the main power supply device or be equipped with means to save and display the data present in order to permit the conclusion of the transaction in progress and with	A measuring system shall either be provided with an emergency power supply device that will safeguard all measuring functions during the failure of the main power supply device or be equipped with means to save and display the data present in order to permit the conclusion of the transaction in progress and with	A measuring system shall either be provided with an emergency power supply device that will safeguard all measuring functions during the failure of the main power supply device or be equipped with means to save and display the data present in order to permit the conclusion of the transaction in progress and with	A measuring system shall either be provided with an emergency power supply device that will safeguard all measuring functions during the failure of the main power supply device or be equipped with means to save and display the data present in order to permit the conclusion of the transaction in progress and with

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement	
	means to stop the flow of gas at the moment of failure of the main power supply device.	means to stop the flow of gas at the moment of failure of the main power supply device.	means to stop the flow of gas at the moment of failure of the main power supply device.	means to stop the flow of gas at the moment of failure of the main power supply device. Text Origin: Corr COM proposal	
Annex VI, amending provision, numbered paragraph (7), first subparagraph					
G	313	7. Units of measurement	7. Units of measurement	7. Units of measurement Text Origin: Corr COM proposal	G
Annex VI, amending provision, numbered paragraph (7), second subparagraph					
Y	314	The metered quantity shall be displayed in grams, kilograms, kilojoules, megajoules or kilowatt-hours.	The metered quantity shall be displayed in grams, kilograms, kilojoules, megajoules or kilowatt-hours.	The metered quantity shall be displayed in ~~*grams,*~~ kilograms, ~~*kilojoules, megajoules or kilowatt-hours*~~***or their decimal multiples or submultiples, and, if applicable, in joules or watt-hours, or their decimal multiples***.	The metered quantity shall be displayed in ~~*grams,*~~ kilograms, ~~*kilojoules, megajoules or kilowatt-hours*~~***or their decimal multiples or submultiples, and, if applicable, in joules or watt-hours, or their decimal multiples***. Linguistic DQL/DLA check Text Origin: Council Mandate	Y
Annex VI, amending provision, numbered paragraph (7), third subparagraph					
G	315	CONFORMITY ASSESSMENT	CONFORMITY ASSESSMENT	CONFORMITY ASSESSMENT	CONFORMITY ASSESSMENT Text Origin: Corr COM proposal	G
Annex VI, amending provision, numbered paragraph (7), fourth subparagraph					
G	316	The conformity assessment procedures referred to in Article	The conformity assessment procedures referred to in Article	The conformity assessment procedures referred to in Article	The conformity assessment procedures referred to in Article	G

PUBLIC

	COM proposal	EP Mandate	Council Mandate	Draft Agreement
	17 that the manufacturer can choose between are: B + F or B + D or H1 or G.. ,	17 that the manufacturer can choose between are: B + F or B + D or H1 or G.. ,	17 that the manufacturer can choose between are: B + F or B + D or H1 or G.. ,	17 that the manufacturer can choose between are: B + F or B + D or H1 or G.. , Text Origin: Corr COM proposal

PUBLIC

COM proposal Table (row 86)

‘Gas calorific value determining device	An associated measuring instrument for determining the calorific value of gas that has passed it.
Energy conversion device	A device which calculates, integrates and displays energy using the mass or the volume at base conditions, and the superior / gross calorific value.
Superior/gross calorific value	Amount of heat that would be released by the complete combustion with oxygen of a specified quantity of gas, in such a way that the pressure, p1, at which the reaction takes place remains constant, and all the products of combustion are returned to the same specified temperature, t1, equal to that of the reactants, all of those products being in the gaseous state except for water, which is condensed to the liquid state at t1.’;

PUBLIC

‘Gas calorific value determining device	An associated measuring instrument for determining the calorific value of gas that has passed it.
Energy conversion device	A device which calculates, integrates and displays energy using the mass or the volume at base conditions, and the superior / gross calorific value.
Superior/gross calorific value	Amount of heat that would be released by the complete combustion with oxygen of a specified quantity of gas, in such a way that the pressure, p1, at which the reaction takes place remains constant, and all the products of combustion are returned to the same specified temperature, t1, equal to that of the reactants, all of those products being in the gaseous state except for water, which is condensed to the liquid state at t1.’;

PUBLIC

‘Gas calorific value determining device	An ~~associated measuring~~ instrument ***connected to or integrated in the energy conversion device*** for determining the calorific value of gas that has passed ***through*** it.
Energy conversion device	A device ~~which calculates, integrates and displays~~***that converts the quantity measured to*** energy using the mass or the volume at base conditions, and the ~~superior / gross~~***superior/gross*** calorific value.
Superior/gross calorific value	Amount of heat that would be released by the complete combustion with oxygen of a specified quantity of gas, in such a way that the pressure, p1, at which the reaction takes place remains constant, and all the products of combustion are returned to the same specified temperature, t1, equal to that of the reactants, all of those products being in the gaseous state except for water, which is condensed to the liquid state at t1.’;

PUBLIC

Draft Agreement Table (row 86)

~~‘~~Gas calorific value determining device	An ~~*associated measuring*~~ instrument ***connected to or integrated in the energy conversion device*** for determining the calorific value of gas that has passed ***through*** it.
Energy conversion device	A device ~~*which calculates, integrates and displays*~~***that converts the quantity measured to*** energy using the mass or the volume at base conditions, and the ~~*superior / gross*~~***superior/gross*** calorific value.
Superior/gross calorific value	Amount of heat that would be released by the complete combustion with oxygen of a specified quantity of gas, in such a way that the pressure, p1, at which the reaction takes place remains constant, and all the products of combustion are returned to the same specified temperature, t1, equal to that of the reactants, all of those products being in the gaseous state except for water, which is condensed to the liquid state at t1.’;

PUBLIC

COM proposal Table (row 91)

Class	Qmax/Qmin	Qmax/Qt	Qr/Qmax
1,5	≥ 150	≥ 10	1,2
1,0	≥ 10	≥ 5	1,2

PUBLIC

EP Mandate Table (row 21)

Class	Qmax/Qmin	Qmax/Qt	Qr/Qmax
1,5	≥ 150	≥ 10	1,2
1,0	≥ 10	≥ 5	1,2

PUBLIC

Council Mandate Table (row 91)

Class	Qmax/Qmin	Qmax/Qt	Qr/Qmax
1,5	≥ 150	≥ 10	1,2
1,0	≥ 10	≥ 5	1,2

PUBLIC

Draft Agreement Table (row 91)

Class	Qmax/Qmin	Qmax/Qt	Qr/Qmax
1,5	≥ 150	≥ 10	1,2
1,0	≥ 10	≥ 5	1,2

PUBLIC

COM proposal Table (row 124)

Class	0,5	1,0
MPE	0,5 %	1 %

PUBLIC

EP Mandate Table (row 124)

Class	0,5	1,0
MPE	0,5 %	1 %

PUBLIC

Council Mandate Table (row 124)

Class	0,5	1,0
MPE	0,5 %	± 1,0 %

PUBLIC

Draft Agreement Table (row 124)

Class	0,5	1,0
MPE	0,5 %	± 1,0 %

PUBLIC

COM proposal Table (row 146)

‘f	=	the frequency of the voltage supplied to the meter, for alternating current (‘AC’) electrical energy meters;
fn	=	the specified reference frequency, for AC electrical energy meters;
PF	=	power factor = cosφ = the cosine of the phase difference φ between I and U, for AC electrical energy meters.’;

PUBLIC

‘f	=	the frequency of the voltage supplied to the meter, for alternating current (‘AC’) electrical energy meters;
fn	=	the specified reference frequency, for AC electrical energy meters;
PF	=	power factor = cosφ = the cosine of the phase difference φ between I and U, for AC electrical energy meters.’;
top	**=**	***the operating temperature is a specified operating temperature range, within which the variations of operating percentage errors of a meter are specified and determined.’;***

PUBLIC

'Ist	**=**	***the lowest declared value of I at which the meter registers active electrical energy and, for AC, at unity power factor (polyphase measuring systems with balanced load);***
Imin	**=**	***the value of I above which the error lies within maximum permissible errors (MPEs) for AC, polyphase meters measuring systems with balanced load);***
'f	=	the frequency of the voltage supplied to the meter, for alternating current ('AC') electrical energy meters;
fn	=	the specified reference frequency, for AC electrical energy meters;
PF	=	power factor = cosφ = the cosine of the phase difference φ between I and U, for AC electrical energy meters.';

PUBLIC

Draft Agreement Table (row 146)

'Ist	***=***	***the lowest declared value of I at which the meter registers active electrical energy and, for AC, at unity power factor (polyphase measuring systems with balanced load);***
Imin	***=***	***the value of I above which the error lies within maximum permissible errors (MPEs) for AC, polyphase meters measuring systems with balanced load);***
'f	=	the frequency of the voltage supplied to the meter, for alternating current ('AC') electrical energy meters;
fn	=	the specified reference frequency, for AC electrical energy meters;
PF	=	power factor = cosφ = the cosine of the phase difference φ between I and U, for AC electrical energy meters.';

PUBLIC

COM proposal Table (row 180)

I	=	the electrical current flowing through the measuring system for EVSE at the transfer point;
Ist	=	the lowest declared value of I at which the measuring system for EVSE registers electrical energy at unity power factor (polyphase measuring systems with balanced load);
Imin	=	the value of I above which the error lies within maximum permissible errors (MPEs) (polyphase meters with balanced load);
Itr	=	the value of I above which the error lies within the smallest MPE corresponding to the class index of the measuring system for EVSE;
Imax	=	the maximum value of I for which the error lies within the MPEs;
U	=	for AC, root mean square (RMS) value of the electrical voltage supplied to or from the measuring system for EVSE at the transfer point; for DC, value of the electrical voltage supplied to or from the measuring system for EVSE at the transfer point;
Un	=	the specified reference voltage(s);
f	=	the frequency of the voltage supplied to or from the measuring system for EVSE, for AC measuring systems;
fn	=	the specified reference frequency, for AC measuring systems;
PF	=	power factor = cosφ = the cosine of the phase difference φ between I and U, for AC measuring systems;
ripple	=	peak-to-peak deviation from the nominal voltage signal expressed as a percentage of the reference value, for DC measuring systems;
harmonic	=	part of a signal that has a frequency that is an integer multiple of the fundamental frequency of the power input to the measuring system for EVSE, the fundamental frequency being, generally, the nominal frequency, fnom, for AC measuring systems;
d	=	distortion factor which is the ratio of the RMS value of the harmonic content (obtained by subtracting the fundamental term from a non-sinusoidal alternating quantity) to the RMS value of the fundamental term, and which is equal to the total harmonic distortion using the fundamental as the reference (denominator);
MMQ	=	minimum measured quantity of energy delivered in a transaction for which the manufacturer specifies that the measuring system for EVSE will meet the MPE of the measuring system for EVSE's accuracy class;
transfer point	=	point at which an electric vehicle is connected to the EVSE (i.e. the charging station for electric vehicle).

PUBLIC

PUBLIC

I	=	the electrical current flowing through the measuring system for EVSE at the transfer point;
Ist	=	the lowest declared value of I at which the measuring system for EVSE registers electrical energy at unity power factor (polyphase measuring systems with balanced load);
Imin	=	the value of I above which the error lies within maximum permissible errors (MPEs) (poly phase meters with balanced load);
Itr	=	the value of I above which the error lies within the smallest MPE corresponding to the class index of the measuring system for EVSE;
Imax	=	the maximum value of I for which the error lies within the MPEs;
U	=	for AC, root mean square (RMS) value of the electrical voltage supplied to or from the measuring system for EVSE at the transfer point; for DC, value of the electrical voltage supplied to or from the measuring system for EVSE at the transfer point;
Un	=	the specified reference voltage(s);
f	=	the frequency of the voltage supplied to or from the measuring system for EVSE, for AC measuring systems;
fn	=	the specified reference frequency, for AC measuring systems;
PF	=	power factor = cosφ = the cosine of the phase difference φ between I and U, for AC measuring systems;
ripple	=	peak-to-peak deviation from the nominal voltage signal expressed as a percentage of the reference value, for DC measuring systems;
harmonic	=	part of a signal that has a frequency that is an integer multiple of the fundamental frequency of the power input to the measuring system for EVSE, the fundamental frequency being, generally, the nominal frequency, fnom, for AC measuring systems;
d	=	distortion factor which is the ratio of the RMS value of the harmonic content (obtained by subtracting the fundamental term from a non-sinusoidal alternating quantity) to the RMS value of the fundamental term, and which is equal to the total harmonic distortion using the fundamental as the reference (denominator);
MMQ	=	minimum measured quantity of energy delivered in a transaction for which the manufacturer specifies that the measuring system for EVSE will meet the MPE of the measuring system for EVSE's accuracy class;
transfer point	=	point at which an electric vehicle is connected to the EVSE (i.e. the charging station for electric vehicle).

PUBLIC

I	=	the electrical current flowing through the measuring system for EVSE at the transfer point;
Ist	=	the lowest declared value of I at which the measuring system for EVSE registers electrical energy***, and, for AC,*** at unity power factor (polyphase measuring systems with balanced load);
Imin	=	the value of I above which the error lies within ***base*** maximum permissible errors (~~*MPEs*~~***BMPEs***) (***for AC,*** polyphase ~~*meters*~~***measuring systems*** with balanced load);
Itr	=	the value of I above which the error lies within the smallest ~~*MPE*~~***BMPE*** corresponding to the class index of the measuring system for EVSE;
Imax	=	the maximum value of I for which the error lies within the ~~*MPEs*~~***BMPEs***;
U	=	for AC, root mean square (RMS) value of the electrical voltage ~~*supplied*~~***applied*** to or from the measuring system for EVSE at the transfer point; for DC, value of the electrical voltage supplied to or from the measuring system for EVSE at the transfer point;
Un	=	the specified reference voltage(s);
f	=	the frequency of the voltage supplied to or from the measuring system for EVSE, for AC measuring systems;
fn	=	the specified reference frequency, for AC measuring systems;
PF	=	power factor = cosφ = the cosine of the phase difference φ between I and U, for AC measuring systems;
~~*ripple*~~	~~=~~	~~*peak-to-peak deviation from the nominal voltage signal expressed as a percentage of the reference value, for DC measuring systems;*~~
harmonic	=	part of a signal that has a frequency that is an integer multiple of the fundamental frequency of the power input to the measuring system for EVSE, the fundamental frequency being, generally, the nominal frequency, ~~*from*~~***fn***, for AC measuring systems;
d	=	distortion factor which is the ratio of the RMS value of the harmonic content ~~*(obtained by subtracting the fundamental term from a non-sinusoidal alternating quantity)*~~ to the RMS value of the fundamental term, and which is equal to the total harmonic distortion using the fundamental as the reference***, for AC measuring systems*** ~~*(denominator)*~~;
MMQ	=	minimum measured quantity of energy delivered in a transaction for which the manufacturer specifies that the measuring system for EVSE will meet the MPE of the measuring system for EVSE's accuracy class;

transfer point	=	point at which an electric vehicle is connected to the ~~*EVSE (i.e. the charging station for electric vehicle)*~~***measuring system of the EVSE***.
critical fault	=	***failure of the device when subjected to a disturbance in which the device appears to function correctly, but where the legally relevant data is incorrect or the shift in the accuracy measurements exceeds that specified in the tests.***
Base Maximum Permissible Error (BMPE)	=	***extreme values of the error (of indication) of an EVSE, when the current is varied (AC and DC EVSE) and voltage (DC EVSE) within the intervals given by the rated operating conditions, and when the EVSE is otherwise operated at reference conditions.***

PUBLIC

I	=	the electrical current flowing through the measuring system for EVSE at the transfer point;
Ist	=	the lowest declared value of I at which the measuring system for EVSE registers electrical energy, ***and, for AC,*** at unity power factor (polyphase measuring systems with balanced load);
Imin	=	the value of I above which the error lies within ***base*** maximum permissible errors (~~*MPEs*~~***BMPEs***) (***for AC,*** polyphase ~~*meters*~~***measuring systems*** with balanced load);
Itr	=	the value of I above which the error lies within the smallest ~~*MPE*~~***BMPE*** corresponding to the class index of the measuring system for EVSE;
Imax	=	the maximum value of I for which the error lies within the ~~*MPEs*~~***BMPEs***;
U	=	for AC, root mean square (RMS) value of the electrical voltage ~~*supplied*~~***applied*** to or from the measuring system for EVSE at the transfer point; for DC, value of the electrical voltage supplied to or from the measuring system for EVSE at the transfer point;
Un	=	the specified reference voltage(s);
f	=	the frequency of the voltage supplied to or from the measuring system for EVSE, for AC measuring systems;
fn	=	the specified reference frequency, for AC measuring systems;
PF	=	power factor = cosφ = the cosine of the phase difference φ between I and U, for AC measuring systems;
~~*ripple*~~	~~=~~	~~*peak-to-peak deviation from the nominal voltage signal expressed as a percentage of the reference value, for DC measuring systems;*~~
harmonic	=	part of a signal that has a frequency that is an integer multiple of the fundamental frequency of the power input to the measuring system for EVSE, the fundamental frequency being, generally, the nominal frequency, ~~*from*~~***fn***, for AC measuring systems;
d	=	distortion factor which is the ratio of the RMS value of the harmonic content ~~*(obtained by subtracting the fundamental term from a non-sinusoidal alternating quantity)*~~ to the RMS value of the fundamental term, and which is equal to the total harmonic distortion using the fundamental as the reference***, for AC measuring systems*** ~~*(denominator)*~~;
MMQ	=	minimum measured quantity of energy delivered in a transaction for which the manufacturer specifies that the measuring system for EVSE will meet the MPE of the measuring system for EVSE's accuracy class;

PUBLIC

transfer point	=	point at which an electric vehicle is connected to the ~~*EVSE (i.e. the charging station for electric vehicle)*~~***measuring system of the EVSE***.
critical fault	=	***failure of the device when subjected to a disturbance in which the device appears to function correctly, but where the legally relevant data is incorrect or the shift in the accuracy measurements exceeds that specified in the tests.***
Base Maximum Permissible Error (BMPE)	=	***extreme values of the error (of indication) of an EVSE, when the current is varied (AC and DC EVSE) and voltage (DC EVSE) within the intervals given by the rated operating conditions, and when the EVSE is otherwise operated at reference conditions.***

PUBLIC

Council Mandate Table (row 189a)

	Class A	*Class B*	*Class C*
Ist	*< 0,05 x Itr*	*< 0,04 x Itr*	*< 0,04 x Itr*
Imin	*< 0,5 x Itr*	*< 0,5 x Itr*	*< 0,3 x Itr*
Imax	*> 20 x Itr*	*> 20 x Itr*	*> 20 x Itr*

PUBLIC

Draft Agreement Table (row 189a)

	Class A	*Class B*	*Class C*
Ist	*≤ 0,05 x Itr*	*≤ 0,04 x Itr*	*≤ 0,04 x Itr*
Imin	*≤ 0,5 x Itr*	*≤ 0,5 x Itr*	*≤ 0,3 x Itr*
Imax	*≥ 10 x Itr*	*≥ 10 x Itr*	*≥ 10 x Itr*

PUBLIC

COM proposal Table (row 190)

	AC	AC	DC	DC
Imin	$\leq I_{tr}$	$\leq I_{tr}$	$\leq I_{tr}$	$\leq I_{tr}$
Itr	$\leq 5A$	$\leq 0{,}1 \cdot I_{max}$	$\leq 25A$	$\leq 0{,}1 \cdot I_{max}$
Imax	$\leq 80A$	$> 80A$	$\leq 500A$	$> 500A$

PUBLIC

EP Mandate Table (row 190)

	AC	AC	DC	DC
Imin	$\leq I_{tr}$	$\leq I_{tr}$	$\leq I_{tr}$	$\leq I_{tr}$
Itr	$\leq 5A$	$\leq 0{,}1 \cdot I_{max}$	$\leq 25A$	$\leq 0{,}1 \cdot I_{max}$
Imax	$\leq 80A$	$> 80A$	$\leq 500A$	$> 500A$

PUBLIC

EP Mandate Table (row 203b)

Frequency	*Present current at transfer point*		
	I ≤ 200 A DC	*200 A DC < I ≤ 400 A DC*	*I > 400 A DC*
10 Hz	*1,5*	*I x 0,75%*	*I x 0,75%*
5 kHz	*6,0*	*6,0*	*I x 1,5%*
150 kHz	*9,0*	*I x 4,5%*	*I x 4,5%*

PUBLIC

COM proposal Table (row 208)

		BMPEs in percent at rated operating conditions and defined load current levels		
Current	Power factor	A (2 %)	B (1 %)	C (0,5 %)
Ist ≤ I < Imin	> 0,9	± 25	± 15	± 10
Imin ≤ I < Itr	> 0,9	± 2,5	± 1,5	± 1
Itr ≤ I < Imax	> 0,9	± 2	± 1	± 0,5

PUBLIC

EP Mandate Table (row 208)

		BMPEs in percent at rated operating conditions and defined load current levels		
Current	Power factor	A (2 %)	B (1 %)	C (0,5 %)
Ist ≤ I < Imin	> 0,9	± 25	± 15	± 10
Imin ≤ I < Itr	> 0,9	± 2,5	± 1,5	± 1
Itr ≤ I < Imax	> 0,9	± 2	± 1	± 0,5

PUBLIC

Council Mandate Table (row 208)

		BMPEs in percent at ~~rated operating~~ reference conditions and defined load current levels		
Current	Power factor ***(only for AC)***	A (2 %)	B (1 %)	C (0,5 %)
Ist ≤ I < Imin	> 0,9	± 25	± 15	± 10
Imin ≤ I < Itr	> 0,9	± 2,5	± 1,5	± 1
Itr ≤ I < Imax	> 0,9	± 2	± 1	± 0,5

PUBLIC

Draft Agreement Table (row 208)

		BMPEs in percent at ~~rated operating~~ reference conditions and defined load current levels		
Current	Power factor *(only for AC)*	A (2 %)	B (1 %)	C (0,5 %)
Ist ≤ I < Imin	> 0,9	± 25	± 15	± 10
Imin ≤ I < Itr	> 0,9	± 2,5	± 1,5	± 1
Itr ≤ I < Imax	> 0,9	± 2	± 1	± 0,5

PUBLIC

COM proposal Table (row 228)

Influence quantity	Current	Limits for temperature coefficient (%/K) for EVSE of class			Type of Current
		A (2 %)	B (1 %)	C (0,5 %)	
Temperature coefficient, c, over any interval of the temperature range, which is not less than 15 K and not greater than 23 K (i)	Itr ≤ I ≤ Imax	±0,1	±0,05	±0,03	AC and DC

PUBLIC

EP Mandate Table (row 228)

Influence quantity	Current	Limits for temperature coefficient (%/K) for EVSE of class			Type of Current
		A (2 %)	B (1 %)	C (0,5 %)	
Temperature coefficient, c, over any interval of the temperature range, which is not less than 15 K and not greater than 23 K (i)	Itr ≤ I ≤ Imax	±0,1	±0,05	±0,03	AC and DC

PUBLIC

Council Mandate Table (row 228)

Influence quantity	Current	Limits for temperature coefficient (%/K) for measuring system for EVSE of class			Type of Current
		A (2 %)	B (1 %)	C (0,5 %)	
Temperature coefficient, c, over any interval of the temperature range, which is not less than 15 K and not greater than 23 K (i)	Itr ≤ I ≤ Imax	±0,1	±0,05	±0,03	AC and DC

PUBLIC

Draft Agreement Table (row 228)

Influence quantity	Current	Limits for temperature coefficient (%/K) for measuring system for EVSE of class			Type of Current
		A (2 %)	B (1 %)	C (0,5 %)	
Temperature coefficient, c, over any interval of the temperature range, which is not less than 15 K and not greater than 23 K (i)	Itr ≤ I ≤ Imax	±0,1	±0,05	±0,03	AC and DC

PUBLIC

COM proposal Table (row 230)

Influence quantity	Value	Current	Maximum permissible error shift (%) for measuring system for EVSE of class			Type of Current
			A (2 %)	B (1 %)	C (0,5 %)	
Self-heating	Continuous current at Imax	Imax	±1	±0,5	±0,25	AC and DC
Conducted disturbances, low frequency	2 kHz – 150 kHz	Itr ≤ I ≤ Imax	±3	±2	±2	AC and DC
Continuous (DC) magnetic induction of external origin	200 mT at 30 mm from magnetic core surface	Itr ≤ I ≤ Imax	±3	±1,5	±0,75	AC and DC
Magnetic field (AC, power frequency) of external origin (ii)	400 A/m	Itr ≤ I ≤ Imax	±2,5	±1,3	±0,5	AC and DC
Radiated, RF, electromagnetic fields	f = 80 MHz – 6000 MHz, Field strength ≤ 10 V/m	Itr ≤ I ≤ Imax	±3	±2	±1	AC and DC
Conducted disturbances, induced by radio frequency fields (ii)	f = 0,15 MHz – 80 MHz, Amplitude ≤ 10 V	Itr ≤ I ≤ Imax	±3	±2	±1	AC and DC
Operation of ancillary devices	Ancillary devices operated with I = Itr and Imax	Itr ≤ I ≤ Imax	±0,7	±0,3	±0,15	AC and DC
Voltage variation (ii)	0,9 × Un to 1,1 × highest Un	Itr ≤ I ≤ Imax	±1	±0,7	±0,2	AC
Frequency variation of mains (ii)	Each fn ± 2 %	Itr ≤ I ≤ Imax	±0,8	±0,5	±0,2	AC
Harmonics in voltage and current circuits (ii)	d < 5 % I d < 10 % U	Itr ≤ I ≤ Imax	±1	±0,6	±0,3	AC
Reversed phase sequence (AC 3-phase only) (ii)	Any two phases interchanged	Itr ≤ I ≤ Imax	±1,5	±1,5	±0,1	AC

PUBLIC

EP Mandate Table (row 230)

Influence quantity	Value	Current	Maximum permissible error shift (%) for measuring system for EVSE of class			Type of Current
			A (2 %)	B (1 %)	C (0,5 %)	
Self-heating	Continuous current at Imax	Imax	±1	± 0,5	±0,25	AC and DC
Conducted disturbances, low frequency	2 kHz – 150 kHz	Itr ≤ I ≤ Imax	±3	±2	±2	AC and DC
Continuous (DC) magnetic induction of external origin	200 mT at 30 mm from magnetic core surface	Itr ≤ I ≤ Imax	±3	±1,5	±0,75	AC and DC
Magnetic field (AC, power frequency) of external origin (ii)	400 A/m	Itr ≤ I ≤ Imax	±2,5	±1,3	±0,5	AC and DC
Radiated, RF, electromagnetic fields	f = 80 MHz – 6000 MHz, Field strength ≤ 10 V/m	Itr ≤ I ≤ Imax	±3	±2	±1	AC and DC
Conducted disturbances, induced by radio frequency fields (ii)	f = 0,15 MHz – 80 MHz, Amplitude ≤ 10 V	Itr ≤ I ≤ Imax	±3	±2	±1	AC and DC
Operation of ancillary devices	Ancillary devices operated with I = Itr and Imax	Itr ≤ I ≤ Imax	±0,7	±0,3	±0,15	AC and DC
Voltage variation (ii)	0,9 × Un to 1,1 × highest Un	Itr ≤ I ≤ Imax	±1	±0,7	±0,2	AC
Frequency variation of mains (ii)	Each fn ± 2 %	Itr ≤ I ≤ Imax	±0,8	±0,5	±0,2	AC
Harmonics in voltage and current circuits (ii)	d < 5 % I d < 10 % U	Itr ≤ I ≤ Imax	±1	±0,6	±0,3	AC
Reversed phase sequence (AC 3-phase only) (ii)	Any two phases interchanged	Itr ≤ I ≤ Imax	±1,5	±1,5	±0,1	AC

PUBLIC

Council Mandate Table (row 230)

Influence quantity	Value	Current	Maximum permissible error shift (%) for measuring system for EVSE of class			Type of Current
			A (2 %)	B (1 %)	C (0,5 %)	
Self-heating	Continuous current at Imax	Imax	±1	± 0,5	±0,25	AC and DC
Conducted disturbances, low frequency	2 kHz – 150 kHz	Itr ≤ I ≤ Imax	±3	±2	±2	AC and DC
Continuous (DC) magnetic induction of external origin	200 mT at 30 mm from magnetic core surface	Itr ≤ I ≤ Imax	±3	±1,5	±0,75	AC and DC
Magnetic field (AC, power frequency) of external origin (ii)	400 A/m	Itr ≤ I ≤ Imax	±2,5	±1,3	±0,5	AC and DC
Radiated, RF, electromagnetic fields	f = 80 MHz – 6000 MHz, Field strength ≤ 10 V/m	Itr ≤ I ≤ Imax	±3	±2	±1	AC and DC
Conducted disturbances, induced by radio frequency fields (ii)	f = 0,15 MHz – 80 MHz, Amplitude ≤ 10 V	Itr ≤ I ≤ Imax	±3	±2	±1	AC and DC
Operation of ancillary devices	Ancillary devices operated with I = Itr and Imax	Itr ≤ I ≤ Imax	±0,7	±0,3	±0,15	AC and DC
Voltage variation (ii)	0,9 × Un to 1,1 × highest Un	Itr ≤ I ≤ Imax	±1	±0,7	±0,2	AC
Frequency variation of mains (ii)	Each fn ± 2 %	Itr ≤ I ≤ Imax	±0,8	±0,5	±0,2	AC
Harmonics in voltage and current circuits (ii)	d < 5 % I d < 10 % U	Itr ≤ I ≤ Imax	±1	±0,6	±0,3	AC
Reversed phase sequence (AC 3-phase only) (ii)	Any two phases interchanged	Itr ≤ I ≤ Imax	±1,5	±1,5	±0,1	AC

PUBLIC

Draft Agreement Table (row 230)

PUBLIC

Influence quantity	Value	Current	Maximum permissible error shift (%) for measuring system for EVSE of class			Type of Current
			A (2 %)	B (1 %)	C (0,5 %)	
Self-heating	Continuous current at Imax	Imax	±1	± 0,5	±0,25	AC and DC
Conducted disturbances, low frequency	2 kHz – 150 kHz	Itr ≤ I ≤ Imax	±3	±2	±2	AC and DC
Continuous (DC) magnetic induction of external origin	200 mT at 30 mm from magnetic core surface	Itr ≤ I ≤ Imax	±3	±1,5	±0,75	AC and DC
Magnetic field (AC, power frequency) of external origin (ii)	400 A/m	Itr ≤ I ≤ Imax	±2,5	±1,3	±0,5	AC and DC
Radiated, RF, electromagnetic fields	f = 80 MHz – 6000 MHz, Field strength ≤ 10 V/m	Itr ≤ I ≤ Imax	±3	±2	±1	AC and DC
Conducted disturbances, induced by radio frequency fields (ii)	f = 0,15 MHz – 80 MHz, Amplitude ≤ 10 V	Itr ≤ I ≤ Imax	±3	±2	±1	AC and DC
Operation of ancillary devices	Ancillary devices operated with I = Itr and Imax	Itr ≤ I ≤ Imax	±0,7	±0,3	±0,15	AC and DC
Voltage variation (ii)	0,9 × Un to 1,1 × highest Un	Itr ≤ I ≤ Imax	±1	±0,7	±0,2	AC
Frequency variation of mains (ii)	Each fn ± 2 %	Itr ≤ I ≤ Imax	±0,8	±0,5	±0,2	AC
Harmonics in voltage and current circuits (ii)	d < 5 % I d < 10 % U	Itr ≤ I ≤ Imax	±1	±0,6	±0,3	AC
Reversed phase sequence (AC 3-phase only) (ii)	Any two phases interchanged	Itr ≤ I ≤ Imax	±1,5	±1,5	±0,1	AC

COM proposal Table (row 247)

‘Δθ	=	the temperature difference θin - θout with Δθ > 0 for heating and Δθ < 0 for cooling’;

PUBLIC

EP Mandate Table (row 247)

‘Δθ	=	the temperature difference θin - θout with Δθ > 0 for heating and Δθ < 0 for cooling’;

PUBLIC

Council Mandate Table (row 247)

‘Δθ	=	the temperature difference θin - θout with Δθ ~~>~~≥ 0 for heating and Δθ ~~<~~≤ 0 for cooling’;

PUBLIC

Draft Agreement Table (row 247)

‘Δθ	=	the temperature difference θin - θout with Δθ ~~>~~≥ 0 for heating and Δθ ~~<~~≤ 0 for cooling’;

PUBLIC

COM proposal Table (row 263)

Meter	An instrument designed to measure continuously, memorise and display the quantity at metering conditions of gas flowing through the measurement transducer in a closed, fully charged conduit.
Calculator	A part of a meter that receives the output signals from the measurement transducers and possibly, from associated measuring instruments and displays the measurement results.
Associated measuring instrument	An instrument connected to the calculator for measuring certain quantities, which are characteristic of the gas, with a view to make a correction and/or conversion.
Conversion device	A part of the calculator, which by taking into account the characteristics of the gas, automatically converts the mass of the gas into the amount of energy delivered or received.
Measuring system	A system that comprises, in addition to the meter itself, a transfer point, gas piping and all devices required to ensure correct measurement or intended to facilitate the measuring operations.
Compressed gas (‘CG’) dispenser	A measuring system intended for the fuelling of road vehicles, rail engines, boats, vessels and aircraft with compressed gaseous fuel.
Transfer point	Physical location at which the gas is defined as being delivered or received.
Self-service arrangement	An arrangement that allows customers to use a measuring system for the purpose of obtaining gas for their own use.
Self-service device	A specific device that is part of a self-service arrangement and which allows one or more measuring systems to perform in that self-service arrangement.
Minimum measured quantity (‘MMQ’)	The smallest quantity of gas for which the measurement is metrologically acceptable for the measuring system.
Direct indication	The indication of mass or energy, corresponding to the measure and that the meter is physically capable of measuring. Note: The direct indication may be converted into another quantity using a conversion device.
Interruptible	A measuring system is considered as interruptible when the gas flow can be stopped easily and rapidly.
Non-interruptible	A measuring system is considered as non-interruptible when the gas flow cannot be stopped easily and rapidly.
Flowrate range	The range between the minimum flowrate (Qmin) and maximum flowrate (Qmax).

PUBLIC

EP Mandate Table (row 263)

Meter	An instrument designed to measure continuously, memorise and display the quantity at metering conditions of gas flowing through the measurement transducer in a closed, fully charged conduit.
Calculator	A part of a meter that receives the output signals from the measurement transducers and possibly, from associated measuring instruments and displays the measurement results.
Associated measuring instrument	An instrument connected to the calculator for measuring certain quantities, which are characteristic of the gas, with a view to make a correction and/or conversion.
Conversion device	A part of the calculator, which by taking into account the characteristics of the gas, automatically converts the mass of the gas into the amount of energy delivered or received.
Measuring system	A system that comprises, in addition to the meter itself, a transfer point, gas piping and all devices required to ensure correct measurement or intended to facilitate the measuring operations.
Compressed gas (‘CG’) dispenser	A measuring system intended for the fuelling of road vehicles, rail engines, boats, vessels and aircraft with compressed gaseous fuel.
Transfer point	Physical location at which the gas is defined as being delivered or received.
Self-service arrangement	An arrangement that allows customers to use a measuring system for the purpose of obtaining gas for their own use.
Self-service device	A specific device that is part of a self-service arrangement and which allows one or more measuring systems to perform in that self-service arrangement.
Minimum measured quantity (‘MMQ’)	The smallest quantity of gas for which the measurement is metrologically acceptable for the measuring system.
Direct indication	The indication of mass or energy, corresponding to the measure and that the meter is physically capable of measuring. Note: The direct indication may be converted into another quantity using a conversion device.
Interruptible	A measuring system is considered as interruptible when the gas flow can be stopped easily and rapidly.
Non-interruptible	A measuring system is considered as non-interruptible when the gas flow cannot be stopped easily and rapidly.
Flowrate range	The range between the minimum flowrate (Qmin) and maximum flowrate (Qmax).

PUBLIC

Council Mandate Table (row 263)

Meter	An instrument designed to measure continuously~~, memorise~~ ***and / or ensure the memorisation*** and display ***of*** the quantity ***of gas,*** at metering conditions ~~*of gas*~~***,*** flowing through the measurement transducer in a closed, fully charged conduit.
Calculator	A part of a meter that receives the output signals from the measurement transducers and possibly, from associated measuring instruments and displays the measurement results.
Associated measuring instrument	An instrument connected to the calculator for measuring certain quantities, which are characteristic of the gas, with a view to make a correction and/or conversion.
Conversion device	A part of the calculator, which by taking into account the characteristics of the gas, automatically converts the mass of the gas into the amount of energy delivered or received.
Measuring system	A system that comprises, in addition to the meter itself, a transfer point, gas piping and all devices required to ensure correct measurement or intended to facilitate the measuring operations.
Compressed gas ('CG') dispenser	A measuring system intended for the fuelling of ~~*road*~~***motor*** vehicles, rail engines, boats, vessels and aircraft with compressed gaseous fuel.
Transfer point	Physical location at which the gas is defined as being delivered or received.
Self-service arrangement	An arrangement that allows customers to use a measuring system for the purpose of obtaining gas for their own use.
Self-service device	A specific device that is part of a self-service arrangement and ~~*which*~~***that*** allows one or more measuring systems to perform in that self-service arrangement.
Minimum measured quantity ('MMQ')	The smallest quantity of gas for which the measurement is metrologically acceptable for the measuring system.
Direct indication	The indication of mass ~~*or*~~***and, if applicable,*** energy, corresponding to the measure and that the meter is physically capable of measuring. Note: The direct indication may be converted into another quantity using a conversion device.
Interruptible	A measuring system is considered as interruptible when the gas flow can be stopped easily and rapidly.
Non-interruptible	A measuring system is considered as non-interruptible when the gas flow cannot be stopped easily and rapidly.
Flowrate range	The range between the minimum flowrate (Qmin) and maximum flowrate (Qmax).

PUBLIC

Draft Agreement Table (row 263)

Meter	An instrument designed to measure continuously~~, memorise~~ ***and / ensure the memorisation*** and display ***of*** the quantity ***of gas,*** at metering conditions ~~*of gas*~~**,** flowing through the measurement transducer in a closed, fully charged conduit.
Calculator	A part of a meter that receives the output signals from the measurement transducers and possibly, from associated measuring instruments and displays the measurement results.
Associated measuring instrument	An instrument connected to the calculator for measuring certain quantities, which are characteristic of the gas, with a view to make a correction and/or conversion.
Conversion device	A part of the calculator, which by taking into account the characteristics of the gas, automatically converts the mass of the gas into the amount of energy delivered or received.
Measuring system	A system that comprises, in addition to the meter itself, a transfer point, gas piping and all devices required to ensure correct measurement or intended to facilitate the measuring operations.
Compressed gas ('CG') dispenser	A measuring system intended for the fuelling of ~~*road*~~***motor*** vehicles, rail engines, boats, vessels and aircraft with compressed gaseous fuel.
Transfer point	Physical location at which the gas is defined as being delivered or received.
Self-service arrangement	An arrangement that allows customers to use a measuring system for the purpose of obtaining gas for their own use.
Self-service device	A specific device that is part of a self-service arrangement and ~~*which*~~***that*** allows one or more measuring systems to perform in that self-service arrangement.
Minimum measured quantity ('MMQ')	The smallest quantity of gas for which the measurement is metrologically acceptable for the measuring system.
Direct indication	The indication of mass ~~*or*~~***and, if applicable,*** energy, corresponding to the measure and that the meter is physically capable of measuring. Note: The direct indication may be converted into another quantity using a conversion device.
Interruptible	A measuring system is considered as interruptible when the gas flow can be stopped easily and rapidly.
Non-interruptible	A measuring system is considered as non-interruptible when the gas flow cannot be stopped easily and rapidly.
Flowrate range	The range between the minimum flowrate (Qmin) and maximum flowrate (Qmax).

PUBLIC

COM proposal Table (row 280)

Type of compressed gas measuring systems	Accuracy Class (MPE [% of measured value])
Compressed hydrogen measuring systems	2
Other compressed gas measuring systems	1,5

PUBLIC

EP Mandate Table (row 280)

Type of compressed gas measuring systems	Accuracy Class (MPE [% of measured value])
Compressed hydrogen measuring systems	2
Other compressed gas measuring systems	1,5

PUBLIC

Council Mandate Table (row 280)

Type of compressed gas measuring systems	Accuracy Class (MPE [% of measured value])
Compressed hydrogen measuring systems	~~2~~ ***2,0***
Other compressed gas measuring systems	1,5

PUBLIC

Draft Agreement Table (row 280)

Type of compressed gas measuring systems	Accuracy Class (MPE [% of measured value])
Compressed hydrogen measuring systems	~~2~~ ***2,0***
Other compressed gas measuring systems	1,5

PUBLIC