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⁽¹⁾ Text with EEA relevance.

EN

Acts whose titles are printed in light type are those relating to day-to-day management of agricultural matters, and are generally valid for a limited period.

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II

(Non-legislative acts)

REGULATIONS

COMMISSION IMPLEMENTING REGULATION (EU) 2021/484

of 16 March 2021

approving non-minor amendments to the specification for a name entered in the register of protected designations of origin and protected geographical indications ‘Burrata di Andria’ (PGI)

THE EUROPEAN COMMISSION,

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

Having regard to Regulation (EU) No 1151/2012 of the European Parliament and of the Council of 21 November 2012 on quality schemes for agricultural products and foodstuffs ⁽¹⁾, and in particular Article 52(2) thereof,

Whereas:

- (1) Pursuant to the first subparagraph of Article 53(1) of Regulation (EU) No 1151/2012, the Commission has examined Italy's application for the approval of amendments to the specification for the protected geographical indication ‘Burrata di Andria’, registered under Commission Implementing Regulation (EU) 2016/2103 ⁽²⁾.
- (2) Since the amendments in question are not minor within the meaning of Article 53(2) of Regulation (EU) No 1151/2012, the Commission published the amendment application in the *Official Journal of the European Union* as required by Article 50(2)(a) of that Regulation. ⁽³⁾.
- (3) As no statement of opposition under Article 51 of Regulation (EU) No 1151/2012 has been received by the Commission, the amendments to the specification should be approved,

HAS ADOPTED THIS REGULATION:

Article 1

The amendments to the specification published in the *Official Journal of the European Union* regarding the name ‘Burrata di Andria’ (PGI) are hereby approved.

⁽¹⁾ OJ L 343, 14.12.2012, p. 1.

⁽²⁾ Commission Implementing Regulation (EU) 2016/2103 of 21 November 2016 entering a name in the register of protected designations of origin and protected geographical indications [Burrata di Andria (PGI)] (OJ L 327, 2.12.2016, p. 16).

⁽³⁾ OJ C 408, 27.11.2020, p. 9.

Article 2

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

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 16 March 2021.

*For the Commission,
On behalf of the President,
Janusz WOJCIECHOWSKI
Member of the Commission*

COMMISSION IMPLEMENTING REGULATION (EU) 2021/485

of 22 March 2021

concerning the authorisation as feed additives of ginger essential oil from *Zingiber officinale* Roscoe for all animal species, ginger oleoresin from *Zingiber officinale* Roscoe for chickens for fattening, laying hens, turkeys for fattening, piglets, pigs for fattening, sows, dairy cows, veal calves (milk replacers), cattle for fattening, sheep, goats, horses, rabbits, fish and pets and ginger tincture from *Zingiber officinale* Roscoe for horses and dogs

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

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

Having regard to Regulation (EC) No 1831/2003 of the European Parliament and of the Council of 22 September 2003 on additives for use in animal nutrition ⁽¹⁾, and in particular Article 9(2) thereof,

Whereas:

- (1) Regulation (EC) No 1831/2003 provides for the authorisation of additives for use in animal nutrition and for the grounds and procedures for granting such authorisation. Article 10(2) of that Regulation provides for the re-evaluation of additives authorised pursuant to Council Directive 70/524/EEC ⁽²⁾.
- (2) Ginger essential oil, ginger oleoresin and ginger tincture from *Zingiber officinale* Roscoe were authorised without a time limit in accordance with Directive 70/524/EEC as feed additives for all animal species. These additives were subsequently entered in the Register of feed additives as existing products, in accordance with Article 10(1)(b) of Regulation (EC) No 1831/2003.
- (3) In accordance with Article 10(2) of Regulation (EC) No 1831/2003 in conjunction with Article 7 thereof, an application was submitted for the re-evaluation of ginger essential oil from *Zingiber officinale* Roscoe for all animal species, ginger oleoresin from *Zingiber officinale* Roscoe for chickens for fattening, laying hens, turkeys for fattening, piglets, pigs for fattening, sows, dairy cows, veal calves (milk replacers), cattle for fattening, sheep, goats, horses, rabbits, fish and pets and ginger tincture from *Zingiber officinale* Roscoe for horses and dogs.
- (4) The applicant requested ginger essential oil, ginger oleoresin and ginger tincture from *Zingiber officinale* Roscoe to be authorised for use also in water for drinking. However, Regulation (EC) No 1831/2003 does not allow the authorisation of 'flavouring compounds' for use in water for drinking. Therefore, the use of ginger essential oil, ginger oleoresin and ginger tincture from *Zingiber officinale* Roscoe in water for drinking should not be allowed.
- (5) The applicant requested the additives to be classified in the additive category 'sensory additives' and in the functional group 'flavouring compounds'. That application was accompanied by the particulars and documents required under Article 7(3) of Regulation (EC) No 1831/2003.
- (6) The European Food Safety Authority ('the Authority') concluded in its opinion of 7 May 2020 ⁽³⁾ that, under the proposed conditions of use ginger essential oil, ginger oleoresin and ginger tincture from *Zingiber officinale* Roscoe do not have adverse effects on animal health, consumer health or the environment. The Authority also concluded that ginger essential oil, ginger oleoresin and ginger tincture from *Zingiber officinale* Roscoe should be considered as irritants to skin and eyes and the respiratory tract and as skin sensitisers. Therefore, the Commission considers that appropriate protective measures should be taken to prevent adverse effects on human health, in particular as regards the users of the additive.

⁽¹⁾ OJ L 268, 18.10.2003, p. 29.⁽²⁾ Council Directive 70/524/EEC of 23 November 1970 concerning additives in feedingstuffs (OJ L 270, 14.12.1970, p. 1).⁽³⁾ EFSA Journal 2020;18(6):6147.

- (7) The Authority concluded, that ginger essential oil, ginger oleoresin and ginger tincture from *Zingiber officinale* Roscoe are recognised to flavour food and their function in feed would be essentially the same as that in food, therefore, no further demonstration of efficacy is considered necessary. The Authority does not consider that there is a need for specific requirements of post-market monitoring. It also verified the report on the methods of analysis of the feed additive in feed submitted by the Reference Laboratory set up by Regulation (EC) No 1831/2003.
- (8) The assessment of ginger essential oil, ginger oleoresin and ginger tincture from *Zingiber officinale* Roscoe shows that the conditions for authorisation, as provided for in Article 5 of Regulation (EC) No 1831/2003, are satisfied. Accordingly, the use of these substances should be authorised [as specified in the Annex to this Regulation].
- (9) Restrictions and conditions should be provided for to allow better control. In particular, a recommended content should be indicated on the label of the feed additives. Where such content is exceeded, certain information should be indicated on the label of premixtures.
- (10) The fact that ginger essential oil, ginger oleoresin and ginger tincture from *Zingiber officinale* Roscoe are not authorised for use as a flavourings in water for drinking, does not preclude their use in compound feed which is administered via water.
- (11) Since safety reasons do not require the immediate application of the modifications to the conditions of authorisation of the substances concerned, it is appropriate to allow a transitional period for interested parties to prepare themselves to meet the new requirements resulting from the authorisation.
- (12) The measures provided for in this Regulation are in accordance with the opinion of the Standing Committee on Plants, Animals, Food and Feed,

HAS ADOPTED THIS REGULATION:

Article 1

Authorisation

The substances specified in the Annex, belonging to the additive category 'sensory additives' and to the functional group 'flavouring compounds', are authorised as feed additives in animal nutrition, subject to the conditions laid down in that Annex.

Article 2

Use in water for drinking

The authorised substances specified in the Annex shall not be used in water for drinking.

Article 3

Transitional measures

1. The substances specified in the Annex and premixtures containing these substances, which are produced and labelled before 12 October 2021 in accordance with the rules applicable before 12 April 2021 may continue to be placed on the market and used until the existing stocks are exhausted.
2. Compound feed and feed materials containing the substances as specified in the Annex which are produced and labelled before 12 April 2022 in accordance with the rules applicable before 12 April 2021 may continue to be placed on the market and used until the existing stocks are exhausted if they are intended for food-producing animals.

3. Compound feed and feed materials containing the substances as specified in the Annex which are produced and labelled before 12 April 2023 in accordance with the rules applicable before 12 April 2021 may continue to be placed on the market and used until the existing stocks are exhausted if they are intended for non-food-producing animals.

Article 4

Entry into force

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

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Done at Brussels, 22 March 2021.

For the Commission
The President
Ursula VON DER LEYEN

ANNEX

Identification number of the additive	Name of the holder of authorisation	Additive	Composition, chemical formula, description, analytical method.	Species or category of animal	Maximum age	Minimum content	Maximum content	Other provisions	End of period of authorisation
						mg active substance/kg of complete feed with a moisture content of 12 %			

Category: Sensory additives**Functional group: Flavouring compounds**

2b489-eo	-	Ginger essential oil	<i>Additive composition</i> Essential oil derived by steam distillation from the dried rhizomes of <i>Zingiber officinale</i> Roscoe. <i>Characterisation of the active substance</i> Essential oil derived by steam distillation from the dried rhizomes of <i>Zingiber officinale</i> Roscoe as defined by the Council of Europe ⁽¹⁾. — α-zingiberene: 29–40 % — β-sesquiphellandrene: 8–14 % — ar-curcumene: 5–12 % — α-farnesene: 4–10 % — camphene: 2–10 % — β-bisabolene: 2–9 % CAS number: 8007-08-7, EINECS number: 283-634-2 FEMA number: 2522 CoE number 489 Liquid form <i>Analytical method</i> ⁽²⁾ For the quantification of alpha-zingiberene, beta-sesquiphellandrene and ar-curcumene in the feed additive: — Gas chromatography coupled to mass spectrometry (GC-MS) (full scan mode) using Retention Time Locking (RTL) methodology (or standard substances of the phytochemical	All animal species	-	-	-	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive and premixtures the following shall be indicated: 'Recommended maximum content of the active substance per kg of complete feedingstuff with a moisture content of 12 %: — veal calves (milk replacer): 80 mg, — other species or categories of animals: 20 mg.' 4. The functional group, the identification number, the name and the added amount of the active substance shall	12 April 2031
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			markers) with (or without) gas chromatography coupled to flame ionisation detection (GC-FID) based on the ISO 11024 standard method.					be indicated on the label of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3.	
								5. The mixture of ginger essential oil with other authorised additives obtained from <i>Zingiber officinale</i> Roscoe shall be not be allowed in feeding-stuffs.	
								6. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks by inhalation, dermal contact or eyes contact. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.	
2b489-or		Ginger oleoresin	<i>Additive composition</i> Ginger oleoresin obtained by steam distillation and solvent extraction of dried rhizomes of <i>Zingiber officinale</i> Roscoe. <i>Characterisation of the active substance</i> Ginger oleoresin obtained by steam distillation and solvent extraction of dried rhizomes of <i>Zingiber officinale</i> Roscoe as defined by the Council of Europe ⁽¹⁾ .	— Chickens for fattening — Laying hens — Turkeys for fattening. — Piglets — Pigs for fattening — Sows — Dairy cows — Veal calves (milk replacers) — Cattle for fattening — Sheep and goats — Horses — Rabbits — Fish — Pets	-	-	-	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated.	12 April 2031

			Essential oil: 25-30 (w/w) Total gingerols: 0,5-8 % (w/w) — 6-Gingerol — 8-Gingerol — 10-Gingerol Total shogaols: 3-6 % (w/w) — 6 Shogaol — 8-Shogaol Humidity and volatiles: 25-30 (w/w) CoE number: 489 Liquid form <i>Analytical method</i> ⁽²⁾ For the quantification of the phytochemical markers: total gingerols and total shogaols in the feed additive (ginger oleoresin): — High performance liquid chromatography (HPLC) with spectrophotometric (UV) detection – ISO 13685					3. On the label of the additive and pre-mixtures the following shall be indicated: 'Recommended maximum content of the active substance per kg of complete feedingstuff with a moisture content of 12 % and for milk replacers with a moisture content of 5,5 %: — chickens for fattening: 5 mg; — laying hens and rabbits: 7 mg; — turkeys for fattening: 6 mg; — piglets: 8mg; — pigs for fattening: 10 mg; — sows: 13 mg; — dairy cows: 12 mg; — veal calves (milk replacers): 21 mg; — cattle for fattening: 19 mg; — sheep, goats, horses and fish: 20 mg; — pets: 1 mg.' 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label of the pre-mixture where the use level on the label of the pre-mixture would result in exceeding the level referred to in point 3. 5. The mixture of ginger oleoresin with other authorised additives obtained from <i>Zingiber officinale</i> Roscoe shall be not be allowed in feedingstuffs.	
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								6. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks by inhalation, dermal contact or eyes contact. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.	
2b489-t		Ginger tincture	<i>Additive composition</i> Ginger tincture obtained by extraction of ground dried rhizomes of <i>Zingiber officinale</i> Roscoe using an ethanol/water mixture. <i>Characterisation of the active substance</i> Ginger tincture is obtained by extraction of ground dried rhizomes of <i>Zingiber officinale</i> Roscoe using an ethanol/water mixture as defined by the Council of Europe ⁽¹⁾ Solvent (ethanol/water, 90/10): 97-98 % (w/w) Dry matter: 2-3 % (w/w) Total gingerols: 0,14-0,11 % (w/w) — 6-Gingerol — 8-Gingerol — 10-Gingerol Total shogaols: 0,043-0,031 % (w/w) — 6 Shogaol — 8-Shogaol <i>Analytical method</i> ⁽²⁾	— Horses — Dogs	-	-	-	1. The additive shall be incorporated into the feed in the form of a premixture. 2. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated. 3. On the label of the additive and premixtures the following shall be indicated: ‘Recommended maximum content of the active substance per kg of complete feedingstuff with a moisture content of 12 %: — Horses 1,58 mL — Dogs 1,81 mL’ 4. The functional group, the identification number, the name and the added amount of the active substance shall be indicated on the label	12 April 2031

			For the quantification of the phytochemical markers: total gingerols and total shogaols in the feed additive (ginger tincture): — High performance liquid chromatography (HPLC) with spectrophotometric (UV) detection – ISO 13685					of the premixture where the use level on the label of the premixture would result in exceeding the level referred to in point 3. 5. The mixture of ginger tincture with other authorised additives obtained from <i>Zingiber officinale</i> Roscoe shall be not be allowed in feedingstuffs. 6. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks by inhalation, dermal contact or eyes contact. Where those risks cannot be eliminated or reduced to a minimum by such procedures and measures, the additive and premixtures shall be used with personal protective equipment, including breathing protection, safety glasses and gloves.	
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⁽¹⁾ Natural sources of flavourings – Report No. 2 (2007)

⁽²⁾ Details of the analytical methods are available at the following address of the Reference Laboratory: <https://ec.europa.eu/jrc/en/eurl/feed-additives/evaluation-reports>

DECISIONS

COUNCIL DECISION (EU) 2021/486

of 15 March 2021

on the position to be taken on behalf of the European Union in the written procedure by the Participants to the Sector Understanding on Export Credits for Civil Aircraft contained in Annex III to the Arrangement on Officially Supported Export Credits as regards the Common Line on the temporary deferral of loan principal repayment

THE COUNCIL OF THE EUROPEAN UNION,

Having regard to the Treaty on the Functioning of the European Union, and in particular the first subparagraph of Article 207(4) in conjunction with Article 218(9) thereof,

Having regard to the proposal from the European Commission,

Whereas:

- (1) The guidelines contained in the Arrangement on Officially Supported Export Credits, including the Sector Understanding on Export Credits for Civil Aircraft ('Aircraft Sector Understanding') contained in its Annex III, apply in the Union by virtue of Regulation (EU) No 1233/2011 of the European Parliament and of the Council ⁽¹⁾.
- (2) Pursuant to Article 28 of the Aircraft Sector Understanding, Common Line proposals are to be addressed to the Secretariat of the Organisation for Economic Cooperation and Development.
- (3) The COVID-19 pandemic and the resulting economic downturn have severely impacted the civil aviation industry, whose business is threatened by the short-term liquidity problems of aircraft operators and of purchasers of new aircraft and engines. In light of the current and developing economic downturn and in order to reduce the severity of its impact, the Union should propose a Common Line on the temporary deferral of loan principal repayment for purchasers of new aircraft and engines (the 'proposed Common Line').
- (4) In accordance with Part 4, Section 3 of the Aircraft Sector Understanding, the Participants to the Aircraft Sector Understanding are to decide by written procedure on the proposed Common Line.
- (5) The proposed Common Line would allow purchasers of new aircraft as defined in Article 8 a) 1) of the Aircraft Sector Understanding and purchasers of spare engines and spare parts as defined in Article 20 a), b) and c) thereof to defer repayment of loan principal for 12 months after the delivery of the purchased goods or, if certain conditions are satisfied, for 18 months after the delivery of the purchased goods.
- (6) It is appropriate to establish the position to be taken on the Union's behalf regarding the proposed Common Line in the written procedure by the Participants to the Aircraft Sector Understanding, as the proposed Common Line, once it is agreed, will be binding on the Union and capable of decisively influencing the content of Union law, namely Regulation (EU) No 1233/2011,

⁽¹⁾ Regulation (EU) No 1233/2011 of the European Parliament and of the Council of 16 November 2011 on the application of certain guidelines in the field of officially supported export credits and repealing Council Decisions 2001/76/EC and 2001/77/EC (OJ L 326, 8.12.2011, p. 45).

HAS ADOPTED THIS DECISION:

Article 1

The position to be taken on the Union's behalf in the written procedure by the Participants to the Sector Understanding on Export Credits for Civil Aircraft contained in Annex III to the Arrangement on Officially Supported Export Credits as regards the Common Line on the temporary deferral of loan principal repayment shall be based on the draft proposed Common Line (*).

Article 2

This Decision shall enter into force on the date of its adoption.

Done at Brussels, 15 March 2021.

For the Council
The President
A. P. ZACARIAS

(*) See document ST 5390/21 on <http://register.consilium.europa.eu>

COUNCIL DECISION (CFSP) 2021/487**of 22 March 2021****amending and extending Decision (CFSP) 2018/653 on the establishment of a warehouse capability for civilian crisis-management missions**

THE COUNCIL OF THE EUROPEAN UNION,

Having regard to the Treaty on European Union, and in particular Articles 28(1), 42(4) and 43(2) thereof,

Having regard to the proposal from the High Representative of the Union for Foreign Affairs and Security Policy,

Whereas:

- (1) For the purpose of civilian crisis-management operations, rapid deployment needs and operational requirements should be met.
- (2) On 26 April 2018, the Council adopted Decision (CFSP) 2018/653 on the establishment of a warehouse capability for civilian crisis-management missions ⁽¹⁾.
- (3) Article 6 of Decision (CFSP) 2018/653 foresees a review in order to assess the financial reference amount referred to in Article 4(1) of that Decision as regards the amount deemed necessary to meet requests by civilian common security and defence policy missions, and to take into account the evolving needs of such missions, of other operational action of the Union and of European Union Special Representatives. Such an assessment was conducted by the High Representative of the Union for Foreign Affairs and Security Policy (the 'High Representative') and the European Commission. The outcome of that review, as discussed and agreed within the relevant Council preparatory bodies in December 2019 and January 2020, was that the financial reference amount did not need to be revised.
- (4) Pursuant to Article 7 of Decision (CFSP) 2018/653, which foresees the possibility for the Council to decide to extend that Decision, the High Representative and the Commission recommended, in their six-monthly report to the Council, that Decision (CFSP) 2018/653 should be extended by 18 months, including a six-month period for the administrative and financial closure of the warehouse capability established by that Decision.
- (5) The High Representative and the Commission are to make the necessary preparations towards future warehousing arrangements and present their initial recommendation to the Council no later than June 2021,

HAS ADOPTED THIS DECISION:

Article 1

Decision (CFSP) 2018/653 is amended as follows:

- (1) in Article 3, the following paragraphs are inserted:

‘5. The Swedish Civil Contingencies Agency shall ensure full operational capability of the warehouse until the expiry of this Decision. Detailed arrangements to this effect shall be agreed by the Swedish Civil Contingencies Agency, the Civilian Operation Commander and the competent Commission services.

6. The warehouse capability operator shall ensure a seamless transition and handover to future warehousing arrangements, as directed by the Civilian Operation Commander and the competent Commission services.’;

⁽¹⁾ OJ L 108, 27.4.2018, p. 22.

(2) in Article 4, paragraph 1 is replaced by the following:

‘1. The financial reference amount for the implementation of this Decision for the period of 54 months following the date of conclusion of the agreement referred to in paragraph 3 shall be EUR 46 197 384,22.’;

(3) Article 7 is replaced by the following:

‘Article 7

Entry into force and expiry

This Decision shall enter into force on the date of its adoption. It shall expire 54 months after the date of conclusion of the agreement referred to in Article 4(3).’.

Article 2

This Decision shall enter into force on the date of its adoption.

Done at Brussels, 22 March 2021.

For the Council

The President

J. BORRELL FONTELLES

COMMISSION IMPLEMENTING DECISION (EU) 2021/488**of 22 March 2021****amending Implementing Decisions (EU) 2020/174 and (EU) 2020/1167 as regards the use of the approved innovative technologies in certain passenger cars and in light commercial vehicles capable of running on liquefied petroleum gas, compressed natural gas and E85****(Text with EEA relevance)**

THE EUROPEAN COMMISSION,

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

Having regard to Regulation (EU) 2019/631 of the European Parliament and of the Council of 17 April 2019 setting CO₂ emission performance standards for new passenger cars and for new light commercial vehicles, and repealing Regulations (EC) No 443/2009 and (EU) No 510/2011 ⁽¹⁾, and in particular Article 11(4) thereof,

Whereas:

- (1) On 9 July 2020, the manufacturers Škoda Auto a.s, Ford-Werke GmbH, Groupe Renault, FCA Italy S.p.A, SEAT S.A., Volkswagen AG, Automobiles Citroen, Automobiles Peugeot, PSA Automobiles SA and OPEL Automobile GmbH jointly submitted a request, pursuant to Article 12a of Commission Implementing Regulation (EU) No 725/2011 ⁽²⁾ and Commission Implementing Regulation (EU) No 427/2014 ⁽³⁾, for amendment of Commission Implementing Decision (EU) 2020/174 ⁽⁴⁾ in order for 12 Volt efficient alternators approved as an innovative technology under that Decision to be used also in internal combustion engine powered passenger cars and light commercial vehicles capable of running on liquefied petroleum gas (LPG), compressed natural gas (CNG) and E85.
- (2) On 11 December 2020, the manufacturers Ford-Werke GmbH, Honda Motor Europe Ltd and Renault SA jointly submitted a request, pursuant to Article 12a of Implementing Regulation (EU) No 725/2011 and Implementing Regulation (EU) No 427/2014, for amendment of Commission Implementing Decision (EU) 2020/1167 ⁽⁵⁾ in order for 48 Volt efficient motor-generators combined with a 48 Volt/12 Volt DC/DC converters, approved as an innovative technology under that Decision, to be used also in internal combustion engine and certain hybrid electric passenger cars and light commercial vehicles capable of running on LPG, CNG and E85.
- (3) The Commission assessed both requests in accordance with Article 11 of Regulation (EU) 2019/631, Implementing Regulation (EU) No 725/2011, Implementing Regulation (EU) No 427/2014 as well as the Technical Guidelines for the preparation of applications for the approval of innovative technologies pursuant to Regulation (EC) No 443/2009 and Regulation (EU) No 510/2011 (July 2018 version) ⁽⁶⁾.

⁽¹⁾ OJ L 111, 25.4.2019, p. 13.

⁽²⁾ Commission Implementing Regulation (EU) No 725/2011 of 25 July 2011 establishing a procedure for the approval and certification of innovative technologies for reducing CO₂ emissions from passenger cars pursuant to Regulation (EC) No 443/2009 of the European Parliament and of the Council (OJ L 194, 26.7.2011, p. 19).

⁽³⁾ Commission Implementing Regulation (EU) No 427/2014 of 25 April 2014 establishing a procedure for the approval and certification of innovative technologies for reducing CO₂ emissions from light commercial vehicles pursuant to Regulation (EU) No 510/2011 of the European Parliament and of the Council (OJ L 125, 26.4.2014, p. 57).

⁽⁴⁾ Commission Implementing Decision (EU) 2020/174 of 6 February 2020 on the approval of the technology used in 12 Volt efficient alternators for use in certain passenger cars and light commercial vehicles as an innovative technology pursuant to Regulation (EU) 2019/631 of the European Parliament and of the Council (OJ L 35, 7.2.2020, p. 13).

⁽⁵⁾ Commission Implementing Decision (EU) 2020/1167 of 6 August 2020 on the approval of the technology used in a 48 Volt efficient motor-generator combined with a 48 Volt/12 Volt DC/DC converter for use in conventional combustion engine and certain hybrid electric passenger cars and light commercial vehicles as an innovative technology pursuant to Regulation (EU) 2019/631 of the European Parliament and of the Council (OJ L 258, 7.8.2020, p. 15).

⁽⁶⁾ <https://circabc.europa.eu/sd/a/a19b42c8-8e87-4b24-a78b-9b70760f82a9/July%202018%20Technical%20Guidelines.pdf>

- (4) As both requests concern the clarification of the use of the innovative technologies in vehicles capable of running on LPG, CNG and E85, it is appropriate to address those requests in one single Implementing Decision.
- (5) As regards both requests, it is appropriate to clarify that CO₂ savings from the innovative technologies may be determined also when they are fitted on LPG, CNG and E85 fuelled vehicles. Subject to the addition of certain fuel-specific factors, the methodologies to determine the CO₂ savings as set out in Implementing Decisions (EU) 2020/174 and (EU) 2020/1167 are therefore considered appropriate for determining the CO₂ savings associated with the use of the respective innovative technologies for vehicles powered with those fuels.
- (6) As regards E85, due to its limited availability on the Union market as a whole, it is, however, not appropriate to distinguish this fuel type from petrol for the purpose of the methodologies to determine the CO₂ savings.
- (7) Implementing Decisions (EU) 2020/174 and (EU) 2020/1167 should therefore be amended accordingly,

HAS ADOPTED THIS DECISION:

Article 1

Amendments to Implementing Decision (EU) 2020/174

Implementing Decision (EU) 2020/174 is amended as follows:

(1) Article 1 is amended as follows:

(a) point (a) is replaced by the following:

‘(a) it is fitted in internal combustion engine powered passenger cars (M₁) and light commercial vehicles (N₁) capable of running on petrol, diesel, liquefied petroleum gas (LPG), compressed natural gas (CNG) or E85 or on a combination of those fuels;’;

(b) point (c) is amended as follows:

(i) points (i) and (ii) are replaced by the following:

‘(i) 73,8 % for petrol- or E85-fuelled vehicles other than turbo-charged;

(ii) 73,4 % for turbo-charged petrol- or E85-fuelled vehicles;’;

(ii) the following points (iv) to (vii) are added:

‘(iv) 74,6 % for LPG-fuelled vehicles other than turbo-charged;

(v) 74,1 % for turbo-charged LPG-fuelled vehicles;

(vi) 76,3 % for CNG-fuelled vehicles other than turbo-charged;

(vii) 75,7 % for turbo-charged CNG-fuelled vehicles;’;

(2) in Article 3, the following paragraph 3a is inserted:

‘3a. Where the innovative technology is fitted in a bi-fuel or flex-fuel vehicle, the type-approval authority shall record the certified CO₂ savings as follows:

(a) for a bi-fuel vehicle using petrol and gaseous fuels, the CO₂ savings value with regard to LPG or CNG;

(b) for a flex-fuel vehicle using petrol and E85, the CO₂ savings value with regard to petrol;’;

(3) the Annex is amended in accordance with Annex I to this Decision.

*Article 2***Amendments to Implementing Decision (EU) 2020/1167**

Implementing Decision (EU) 2020/1167 is amended as follows:

(1) Article 1 is amended as follows:

(a) point (a) is replaced by the following:

‘(a) it is fitted in passenger cars (M₁) or light commercial vehicles (N₁) with the following characteristics:

- (i) vehicles powered by internal combustion engines (conventional ICE vehicles) capable of running on petrol, diesel, liquefied petroleum gas (LPG), compressed natural gas (CNG) or E85 or a combination of those fuels;
- (ii) not-off-vehicle charging hybrid electric vehicles capable of running on the fuels referred to in point (i) for which uncorrected fuel consumption and CO₂ emission values may be used in accordance with point 1.1.4 of Appendix 2 of Sub-Annex 8 to Annex XXI to Regulation (EU) 2017/1151.’;

(b) point (b) is amended as follows:

(i) points (i) and (ii) are replaced by the following:

‘(i) 73,8 % for petrol- or E85-fuelled vehicles other than turbo-charged;

(ii) 73,4 % for turbo-charged petrol- or E85-fuelled vehicles.’;

(ii) the following points (iv) to (vii) are added:

‘(iv) 74,6 % for LPG-fuelled vehicles other than turbo-charged;

(v) 74,1 % for turbo-charged LPG-fuelled vehicles;

(vi) 76,3 % for CNG-fuelled vehicles other than turbo-charged;

(vii) 75,7 % for turbo-charged CNG-fuelled vehicles.’;

(2) in Article 3, the following paragraph 3a is inserted:

‘3a. Where the innovative technology is fitted in a bi-fuel or flex-fuel vehicle, the type-approval authority shall record the certified CO₂ savings as follows:

(a) for a bi-fuel vehicle using petrol and gaseous fuels, the CO₂ savings value with regard to LPG or CNG;

(b) for a flex-fuel vehicle using petrol and E85, the CO₂ savings value with regard to petrol.’;

(3) the Annex is amended in accordance with Annex II to this Decision.

*Article 3***Entry into force**

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

Done at Brussels, 22 March 2021.

For the Commission

The President

Ursula VON DER LEYEN

ANNEX I

The Annex to Implementing Decision (EU) 2020/174 is amended as follows:

(1) point 6 is amended as follows:

(a) Table 2 is replaced by the following:

‘Table 2

Consumption of effective power

Type of engine	Consumption of effective power (V_{pe}) [l/kWh]
Petrol/E85	0,264
Petrol/E85 Turbo	0,280
Diesel	0,220
LPG	0,342
LPG Turbo	0,363
Consumption of effective power (V_{pe}) [m ³ /kWh]	
CNG (G20)	0,259
CNG (G20) Turbo	0,275’

(b) Table 3 is replaced by the following:

‘Table 3

Fuel conversion factor (CF)

Type of fuel	Conversion factor (CF) [gCO ₂ /l]
Petrol/E85	2 330
Diesel	2 640
LPG	1 629
Conversion factor (CF) [gCO ₂ /m ³]	
CNG (G20)	1 795’

(2) point 8 is amended as follows:

Table 4 is replaced by the following:

‘Table 4

CO₂ correction due to the extra mass

Petrol/E85 (ΔCO_{2mp}) [g CO ₂ /km]	$0,0277 \cdot \Delta m$
Diesel (ΔCO_{2mD}) [g CO ₂ /km]	$0,0383 \cdot \Delta m$
LPG (ΔCO_{2mLPG}) [g CO ₂ /km]	$0,0251 \cdot \Delta m$
CNG ($\Delta CO_{2mCNG(G20)}$) [g CO ₂ /km]	$0,0209 \cdot \Delta m$ ’.

ANNEX II

The Annex to Implementing Decision (EU) 2020/1167 is amended as follows:

(1) in point 3.2, Tables 2 and 3 are replaced by the following:

Table 2

Consumption of effective power

Type of engine	Consumption of effective power (V_{pe}) [l/kWh]
Petrol/E85	0,264
Petrol/E85 Turbo	0,280
Diesel	0,220
LPG	0,342
LPG Turbo	0,363
	Consumption of effective power (V_{pe}) [m ³ /kWh]
CNG (G20)	0,259
CNG (G20) Turbo	0,275

Table 3

Fuel conversion factor (CF)

Type of fuel	Conversion factor (CF) [gCO ₂ /l]
Petrol/E85	2 330
Diesel	2 640
LPG	1 629
	Conversion factor (CF) [gCO ₂ /m ³]
CNG (G20)	1 795';

(2) in point 3.5, Table 4 is replaced by the following:

Table 4

CO₂ correction due to the extra mass

Petrol/E85 (ΔCO_{2mp}) [g CO ₂ /km]	$0,0277 \cdot \Delta m$
Diesel (ΔCO_{2mD}) [g CO ₂ /km]	$0,0383 \cdot \Delta m$
LPG (ΔCO_{2mLPG}) [g CO ₂ /km]	$0,0251 \cdot \Delta m$
CNG ($\Delta CO_{2mCNG(G20)}$) [g CO ₂ /km]	$0,0209 \cdot \Delta m$ '.

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