

Official Journal of the European Union

L 35



English edition

Legislation

Volume 63

7 February 2020

Contents

II *Non-legislative acts*

REGULATIONS

- ★ **Commission Regulation (EU) 2020/171 of 6 February 2020 amending Annex XIV to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) ⁽¹⁾ 1**
- ★ **Commission Implementing Regulation (EU) 2020/172 of 6 February 2020 concerning the renewal of the authorisation of 3-phytase produced by *Aspergillus niger* (CBS 101.672) as a feed additive for piglets (weaned), pigs for fattening, sows, chickens for fattening, turkeys for fattening, laying hens, ducks and all other minor avian species, ornamental birds and the new authorisation for chickens reared for laying or for breeding purposes, turkeys reared for breeding or breeding hens and suckling piglets and repealing Regulations (EC) No 243/2007, (EC) No 1142/2007, (EC) No 165/2008, (EC) No 505/2008 and (EU) No 327/2010 (holder of authorisation BASF SE) ⁽²⁾ 6**
- ★ **Commission Implementing Regulation (EU) 2020/173 of 6 February 2020 concerning the authorisation of brilliant blue FCF as a feed additive for cats and dogs ⁽³⁾ 9**

DECISIONS

- ★ **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 ⁽⁴⁾ 13**
- ★ **Commission Implementing Decision (EU) 2020/175 of 6 February 2020 amending the Annex to Implementing Decision (EU) 2020/47 on protective measures in relation to highly pathogenic avian influenza of subtype H5N8 in certain Member States (notified under document C(2020) 762) ⁽⁵⁾ 23**

⁽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.

The titles of all other acts are printed in bold type and preceded by an asterisk.

ACTS ADOPTED BY BODIES CREATED BY INTERNATIONAL AGREEMENTS

★ UN Regulation No 126 – Uniform provisions concerning the approval of partitioning systems to protect passengers against displaced luggage, supplied as non-original vehicle equipment [2020/176].....	37
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----

II

(Non-legislative acts)

REGULATIONS

COMMISSION REGULATION (EU) 2020/171

of 6 February 2020

amending Annex XIV to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)**(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 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC ⁽¹⁾, and in particular Articles 58 and 131 thereof,

Whereas:

- (1) The substances 1,2-benzenedicarboxylic acid, dihexyl ester, branched and linear, and dihexyl phthalate and the substance group 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0,3$ % of dihexyl phthalate meet the criteria for classification as toxic for reproduction (category 1B) in accordance with Regulation (EC) No 1272/2008 of the European Parliament and of the Council ⁽²⁾ and therefore meet the criteria for inclusion in Annex XIV to Regulation (EC) No 1907/2006 set out in Article 57(c) of that Regulation.
- (2) The substance trixylyl phosphate meets the criteria for classification as toxic for reproduction (category 1B) in accordance with Regulation (EC) No 1272/2008 and therefore meets the criteria for inclusion in Annex XIV to Regulation (EC) No 1907/2006 set out in Article 57(c) of that Regulation.
- (3) The substances sodium perborate; perboric acid, sodium salt and sodium peroxometaborate meet the criteria for classification as toxic for reproduction (category 1B) in accordance with Regulation (EC) No 1272/2008 and therefore meet the criteria for inclusion in Annex XIV to Regulation (EC) No 1907/2006 set out in Article 57(c) of that Regulation.
- (4) The substances 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] (covering any of the individual stereoisomers of [1] and [2] or any combination thereof) are very persistent and very bioaccumulative in accordance with the criteria set out in Annex XIII to Regulation (EC) No 1907/2006 and therefore meet the criteria for inclusion in Annex XIV to that Regulation set out in Article 57(e) of that Regulation.
- (5) The substances 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328); 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327); 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) and 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) are persistent, bioaccumulative and toxic and/or very persistent and very bioaccumulative in accordance with the criteria set out in Annex XIII to Regulation (EC) No 1907/2006 and therefore meet the criteria for inclusion in Annex XIV to that Regulation set out in Article 57(d) and/or (e) of that Regulation.
- (6) All the above-mentioned substances have been identified and included in the candidate list in accordance with Article 59 of Regulation (EC) No 1907/2006. They have furthermore been prioritised for inclusion in Annex XIV to Regulation (EC) No 1907/2006 by the European Chemicals Agency ('the Agency') in its recommendations of 10 November 2016 ⁽³⁾ and 5 February 2018 ⁽⁴⁾, in accordance with Article 58(3) and (4) of that Regulation. In addition, the Commission has received submissions from interested parties to calls for information on the possible economic, social, health and environmental impacts (costs and benefits) of the inclusion in Annex XIV to Regulation (EC) No 1907/2006 of the substances proposed by the Agency in its draft recommendations.

⁽¹⁾ OJ L 396, 30.12.2006, p. 1.

⁽²⁾ Regulation (EC) No 1272/2008 of the European Parliament and the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (OJ L 353, 31.12.2008, p. 1).

⁽³⁾ https://echa.europa.eu/documents/10162/13640/7th_axiv_recommendation_november2016_en.pdf

⁽⁴⁾ https://echa.europa.eu/documents/10162/13640/8th_axiv_recommendation_february2018_en.pdf

- (7) For each of the substances included in Annex XIV to Regulation (EC) No 1907/2006 by this Regulation a date from which the placing on the market and the use of the substance shall be prohibited unless an authorisation is granted should be set as required by Article 58(1)(c)(i) of Regulation (EC) No 1907/2006, taking into account the Agency's capacity to handle applications for authorisation. For each of those substances there are no reasons why the date referred to in Article 58(1)(c)(ii) of Regulation (EC) No 1907/2006 should be set earlier than 18 months before the date referred to in Article 58(1)(c)(i) of that Regulation.
- (8) Article 58(1)(e) in conjunction with Article 58(2) of Regulation (EC) No 1907/2006 provides for the possibility of exemptions of uses or categories of uses in cases where specific Union legislation imposes minimum requirements relating to the protection of human health or the environment ensuring proper control of the risks. In accordance with the information currently available it is not appropriate to set exemptions based on those provisions.
- (9) As there is no information justifying the need for an exemption for product and process orientated research and development, it is not appropriate to consider any such exemption.
- (10) As the available information on the uses of the proposed substances is limited, it is not appropriate to set review periods at this stage, pursuant to Article 58(1)(d) of Regulation (EC) No 1907/2006.
- (11) The substances tetralead trioxide sulphate; pentalead tetraoxide sulphate; orange lead (lead tetroxide) and lead monoxide (lead oxide) meet the criteria for classification as toxic for reproduction (category 1A) in accordance with Regulation (EC) No 1272/2008 and therefore meet the criteria for inclusion in Annex XIV to Regulation (EC) No 1907/2006 set out in Article 57(c) of that Regulation. They have also been identified and included in the candidate list in accordance with Article 59 of Regulation (EC) No 1907/2006 and prioritised for inclusion in Annex XIV to that Regulation by the Agency's recommendation of 10 November 2016 in accordance with Article 58(3) and (4) of that Regulation. The use of lead and its compounds is covered by Council Directive 98/24/EC⁽⁵⁾ and to some extent by Directive 2010/75/EU of the European Parliament and of the Council⁽⁶⁾ and its implementing measures establishing Best Available Techniques (BAT) conclusions. Furthermore the current Union binding occupational limit value and binding biological limit value for lead compounds under Directive 98/24/EC will be reviewed. Therefore, and in view of possible adoption of more stringent measures at the workplace, it is appropriate to postpone a decision on the inclusion of those substances in Annex XIV to Regulation (EC) No 1907/2006. In addition, through implementation of Directive 2010/75/EU and its predecessors, emissions of lead and its compounds to the environment have decreased and continue to decrease as shown by the European Pollutant Release and Transfer Register (E-PRTR) reporting and further reductions are expected as new BAT conclusions are adopted and as permits are updated to reflect them.
- (12) All uses of 1-methyl-2-pyrrolidone (NMP) are restricted in accordance with Annex XVII to Regulation (EC) No 1907/2006. NMP has similar intrinsic properties to those of N,N-dimethylacetamide (DMAC) and N,N-Dimethylformamide (DMF), and the three substances have similar industrial uses and may be considered as interchangeable, at least for some uses, even if in general they cannot be considered 'drop-in' alternatives. In view of the similarities of the three substances in order to ensure a consistent regulatory approach⁽⁷⁾, the decision on the inclusion of NMP in Annex XIV to Regulation (EC) No 1907/2006 should be postponed, as has been done for DMAC and DMF when the Commission considered the Agency's recommendations of 17 January 2013⁽⁸⁾ and of 6 February 2014⁽⁹⁾, respectively.
- (13) In order to avoid the premature obsolescence of articles or complex products that are no longer produced after the sunset dates referred to in Annex XIV to Regulation (EC) No 1907/2006, some substances (by themselves or in mixtures) included in that Annex need to be available for the production of spare parts as articles or as complex products for the repair of those articles or complex products, where those articles or complex products cannot function as intended without those spare parts, as well as where some Annex XIV substances (by themselves or in mixtures) are necessary for the repair of such articles or complex products. In order to facilitate application for authorisation for those uses, the existing transitional arrangements should be extended, allowing the adoption of implementing measures for simplified application for authorisations in such cases. In addition, the wording of the

⁽⁵⁾ Council Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work (fourteenth individual Directive within the meaning of Article 16(1) of Directive 89/391/EEC) (OJ L 131, 5.5.1998, p. 11).

⁽⁶⁾ Directive 2010/75/EU of the European Parliament and of the Council of 24 November 2010 on industrial emissions (integrated pollution prevention and control) (OJ L 334, 17.12.2010, p. 17).

⁽⁷⁾ <https://echa.europa.eu/rmoa/-/dislist/details/0b0236e181ffe81a>

⁽⁸⁾ https://echa.europa.eu/documents/10162/13640/4th_a_xiv_recommendation_17jan2013_en.pdf

⁽⁹⁾ https://echa.europa.eu/documents/10162/13640/5th_a_xiv_recommendation_06feb2014_en.pdf

notes to the table of Annex XIV to Regulation (EC) No 1907/2006 should be revised in order to ensure consistency of the terminology as regards articles and complex products in the light of the judgement of the Court of Justice in Case C-106/14 ⁽¹⁰⁾.

- (14) Regulation (EC) No 1907/2006 should therefore be amended accordingly.
- (15) The measures provided for in this Regulation are in accordance with the opinion of the Committee established under Article 133 of Regulation (EC) No 1907/2006,

HAS ADOPTED THIS REGULATION:

Article 1

Annex XIV to Regulation (EC) No 1907/2006 is amended in accordance with the Annex to this Regulation.

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, 6 February 2020.

For the Commission
The President
Ursula VON DER LEYEN

⁽¹⁰⁾ Judgment of the Court of Justice of 10 September 2015, *Fédération des entreprises du commerce et de la distribution (FCD) and Fédération des magasins de bricolage et de l'aménagement de la maison (FMB)*, C-106/14, ECLI:EU:C:2015:576.

The table in Annex XIV to Regulation (EC) No 1907/2006 is amended as follows:

(1) The following entries are added:

Entry No	Substance	Intrinsic property(ies) referred to in Article 57	Transitional arrangements		Exempted (categories of) uses	Review periods
			Latest application date ⁽¹⁾	Sunset date ⁽²⁾		
44.	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear EC No: 271-093-5 CAS No: 68515-50-4	Toxic for reproduction (category 1B)	27 August 2021 (*)	27 February 2023 (**)	-	-
45.	Dihexyl phthalate EC No: 201-559-5 CAS No: 84-75-3	Toxic for reproduction (category 1B)	27 August 2021 (*)	27 February 2023 (**)	-	-
46.	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0,3 % of dihexyl phthalate (EC No 201-559-5) EC No: 271-094-0; 272-013-1 CAS No: 68515-51-5; 68648-93-1	Toxic for reproduction (category 1B)	27 August 2021 (*)	27 February 2023 (**)	-	-
47.	Trixylyl phosphate EC No: 246-677-8 CAS No: 25155-23-1	Toxic for reproduction (category 1B)	27 November 2021 (*)	27 May 2023 (**)	-	-
48.	Sodium perborate; perboric acid, sodium salt EC No: 239-172-9; 234-390-0 CAS No: -	Toxic for reproduction (category 1B)	27 November 2021 (*)	27 May 2023 (**)	-	-
49.	Sodium peroxometaborate EC No: 231-556-4 CAS No: 7632-04-4	Toxic for reproduction (category 1B)	27 November 2021 (*)	27 May 2023 (**)	-	-
50.	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof] EC No: - CAS No: -	vPvB	27 February 2022 (*)	27 August 2023 (**)	-	-

Entry No	Substance	Intrinsic property(ies) referred to in Article 57	Transitional arrangements		Exempted (categories of) uses	Review periods
			Latest application date ⁽¹⁾	Sunset date ⁽²⁾		
51.	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328) EC No: 247-384-8 CAS No: 25973-55-1	PBT, vPvB	27 May 2022	27 November 2023	-	-
52.	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) EC No: 223-383-8 CAS No: 3864-99-1	vPvB	27 May 2022	27 November 2023	-	-
53.	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350) EC No: 253-037-1 CAS No: 36437-37-3	vPvB	27 May 2022	27 November 2023	-	-
54.	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320) EC No: 223-346-6 CAS No: 3846-71-7	PBT, vPvB	27 May 2022	27 November 2023	-	-

⁽¹⁾ Date referred to in Article 58(1)(c)(iii).

⁽²⁾ Date referred to in Article 58(1)(c)(i).

(2) The sign ‘(*)’ is inserted next to the date indicated in the ‘Latest application date’ column for the following substance entries: 32-43.

(3) The sign ‘(**)’ is inserted next to the date indicated in the ‘Sunset date’ column for the following substance entries: 32-43.

(4) The notes after the table are replaced by the following:

‘(*) 1 September 2021 for the use of the substance in the production of spare parts as articles or as complex products for the repair of articles or complex products, the production of which ceased or will have ceased before the sunset date indicated in the entry for that substance, where that substance was used in the production of those articles or complex products and these cannot function as intended without that spare part and the spare part cannot be produced without that substance, and for the use of the substance (on its own or in a mixture) for the repair of such articles or complex products where that substance on its own or in a mixture was used in the production of those articles or complex products and they cannot be repaired otherwise than by using that substance.

‘(**) 1 March 2023 for the use of the substance in the production of spare parts as articles or as complex products for the repair of articles or complex products the production of which ceased or will have ceased before the sunset date indicated in the entry for that substance, where that substance was used in the production of those articles or complex products and these cannot function as intended without those spare parts and the spare part cannot be produced without that substance, and for the use of the substance (on its own or in a mixture) for the repair of such articles or complex products, where that substance on its own or in a mixture was used in the production of those articles or complex products and they cannot be repaired otherwise than by using that substance.

‘(***) Does not meet the criteria for identification as a carcinogen if it contains < 0,005 % (w/w) benzo[a]pyrene (Einecs No 200-028-5).’

COMMISSION IMPLEMENTING REGULATION (EU) 2020/172

of 6 February 2020

concerning the renewal of the authorisation of 3-phytase produced by *Aspergillus niger* (CBS 101.672) as a feed additive for piglets (weaned), pigs for fattening, sows, chickens for fattening, turkeys for fattening, laying hens, ducks and all other minor avian species, ornamental birds and the new authorisation for chickens reared for laying or for breeding purposes, turkeys reared for breeding or breeding hens and suckling piglets and repealing Regulations (EC) No 243/2007, (EC) No 1142/2007, (EC) No 165/2008, (EC) No 505/2008 and (EU) No 327/2010 (holder of authorisation BASF SE)

(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 and renewing such authorisation.
- (2) 3-phytase produced by *Aspergillus niger* (CBS 101.672) was authorised for 10 years as a feed additive for piglets (weaned), pigs for fattening and chickens for fattening by Commission Regulation (EC) No 243/2007 ⁽²⁾, for laying hens and turkeys for fattening by Commission Regulation (EC) No 1142/2007 ⁽³⁾, for ducks by Commission Regulation (EC) No 165/2008 ⁽⁴⁾, for sows by Commission Regulation (EC) No 505/2008 ⁽⁵⁾, and for minor avian species, other than ducks, and for ornamental birds by Commission Regulation (EU) No 327/2010 ⁽⁶⁾.
- (3) In accordance with Article 14(1) of Regulation (EC) No 1831/2003, in conjunction with Article 7 thereof, an application was submitted by the holder of the authorisation for the renewal of the authorisation of 3-phytase produced by *Aspergillus niger* (CBS 101.672) as a feed additive for piglets (weaned), pigs for fattening, sows, chickens for fattening, laying hens, turkeys for fattening, ducks and other minor avian species and ornamental birds, and for a new use for chickens reared for laying or for breeding purposes, turkeys reared for breeding or breeding hens and suckling piglets requesting that additive to be classified in the additive category 'zootechnical additives' That application was accompanied by the particulars and documents required under Articles 7(3) and 14(2) of that Regulation.
- (4) The European Food Safety Authority ('the Authority') concluded in its opinion of 26 February 2019 ⁽⁷⁾ that the applicant has provided data demonstrating that the additive complies with the conditions of authorisation. The Authority also concluded that the additive does not have adverse effect on animal health and the environment. It was also concluded that the additive is a respiratory sensitiser and should be considered as a potential skin sensitiser. Therefore, the Commission considers that appropriate protective measures should be taken to prevent adverse effect on human health, in particular as regards the users of feed additives. The Authority also concluded

⁽¹⁾ OJ L 268, 18.10.2003, p. 29.

⁽²⁾ Commission Regulation (EC) No 243/2007 of 6 March 2007 concerning the authorisation of 3-phytase (Natuphos) as a feed additive (OJ L 73, 13.3.2007, p. 4).

⁽³⁾ Commission Regulation (EC) No 1142/2007 of 1 October 2007 concerning the authorisation of a new use of 3-phytase (Natuphos) as a feed additive (OJ L 256, 2.10.2007, p. 20).

⁽⁴⁾ Commission Regulation (EC) No 165/2008 of 22 February 2008 concerning the authorisation of a new use of 3-phytase (Natuphos) as a feed additive (OJ L 50, 23.2.2008, p. 8).

⁽⁵⁾ Commission Regulation (EC) No 505/2008 of 6 June 2008 concerning the authorisation of a new use of 3-phytase (Natuphos) as a feed additive (OJ L 149, 7.6.2008, p. 33).

⁽⁶⁾ Commission Regulation (EU) No 327/2010 of 21 April 2010 concerning the authorisation of a new use of 3-phytase as a feed additive for all minor avian species, other than ducks, and for ornamental birds (holder of authorisation BASF SE), (OJ L 100, 22.4.2010, p. 3).

⁽⁷⁾ EFSA Journal 2019;17(3):5640.

that the additive is efficacious in improving digestibility of feed for chickens reared for laying or for breeding purposes, turkeys reared for breeding or breeding hens and suckling piglets. The Authority does not consider that there is a need for specific requirements of post-market monitoring. It also verified the report on the method of analysis of the feed additive in feed submitted by the Reference Laboratory set up by Regulation (EC) No 1831/2003.

- (5) The assessment of 3-phytase produced by *Aspergillus niger* (CBS 101.672) shows that the conditions for authorisation, as provided for in Article 5 of Regulation (EC) No 1831/2003, are satisfied. Accordingly, the authorisation of that additive should be renewed as specified in the Annex to this Regulation.
- (6) As a consequence of the renewal of the authorisation of 3-phytase produced by *Aspergillus niger* (CBS 101.672) as a feed additive under the conditions laid down in the Annex to this Regulation, Regulations (EC) No 243/2007, (EC) No 1142/2007, (EC) No 165/2008, (EC) No 505/2008 and (EU) No 327/2010 should be repealed.
- (7) 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

The preparation specified in the Annex, belonging to the additive category 'zootechnical additives' and to the functional group 'digestibility enhancers' is authorised and renewed as an additive in animal nutrition, subject to the conditions laid down in that Annex.

Article 2

Regulations (EC) No 243/2007, (EC) No 1142/2007, (EC) No 165/2008, (EC) No 505/2008 and (EU) No 327/2010 are repealed.

Article 3

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, 6 February 2020.

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
						Unit of activity/kg of complete feedingstuff with a moisture content of 12 %			
Category of zootechnical additives. Functional group: digestibility enhancers									
4a1600	BASF SE	3-phytase EC 3.1.3.8	<p><i>Additive composition</i> 3-phytase produced by <i>Aspergillus niger</i> (CBS 101.672) having a minimum activity of: Solid form: 5 000 FTU ⁽¹⁾/g Liquid form: 5 000 FTU/ml</p> <p><i>Characterisation of the active substance</i> 3-phytase produced by <i>Aspergillus niger</i> (CBS 101.672) <i>Analytical method</i> ⁽²⁾ Colorimetric method measuring inorganic phosphate released by the enzyme from phytate substrate.</p>	Piglets (suckling and weaned) Sows	-	500 FTU		<p>1. In the directions for use of the additive and premixtures, the storage conditions and stability to heat treatment shall be indicated.</p> <p>2. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks resulting from its use. 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 and skin protection.</p>	27.2.2030
				Pigs for fattening	-	100 FTU			
				Chickens for fattening Chickens reared for laying/breeding	-	375 FTU			
				Laying hens Turkeys for fattening Turkeys reared for breeding and breeding hens Ornamental birds and all minor avian species, other than ducks	-	250 FTU			
				Ducks	-	300 FTU			

⁽¹⁾ 1 FTU is the amount of enzyme which liberates 1 micromole of inorganic phosphate per minute from sodium phytate at pH 5,5 and 37 °C.

⁽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>

COMMISSION IMPLEMENTING REGULATION (EU) 2020/173
of 6 February 2020
concerning the authorisation of brilliant blue FCF as a feed additive for cats 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 Regulation (EC) No 1831/2003 provides for the re-evaluation of additives authorised pursuant to Council Directive 70/524/EEC ⁽²⁾
- (2) Brilliant blue FCF was authorised without a time limit in accordance with Directive 70/524/EEC as a feed additive for dogs and cats belonging to the group 'colourants, including pigments', under the heading 'colouring agents authorised for colouring foodstuffs by Community rules'. The additive was subsequently entered in the Register of feed additives as an existing product, 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 brilliant blue FCF as a feed additive for dogs and cats. The applicant requested the additive to be classified in the additive category 'sensory additive' and in the functional group 'colourants'. The application was accompanied by the particulars and documents required under Article 7(3) of Regulation (EC) No 1831/2003.
- (4) The European Food Safety Authority ('the Authority') concluded in its opinion of 19 June 2013 ⁽³⁾ that, under the proposed conditions of use, brilliant blue FCF does not have an adverse effect on animal health. It also concluded that the substance should be regarded as an inhalation hazard for the user of the additive and that in absence of data on skin and eye irritancy it could be considered as being potentially irritating to skin and/or eyes. 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. In accordance with Commission Regulation (EC) No 429/2008 ⁽⁴⁾, phase I of the environmental risk assessment has determined that Brilliant Blue FCF, as an additive intended for non-food producing animals, is exempted from further assessment due to the unlikelihood of a significant environmental effect, there being no scientifically-based evidence for concern having been identified by the Authority in its above-mentioned opinion. The Authority further concluded that the additive concerned is effective in adding colour to feedingstuffs. The Authority does not consider that there is a need for specific requirements of post-market monitoring. It also verified the report on the method of analysis of the feed additive in feed submitted by the Reference Laboratory set up by Regulation (EC) No 1831/2003.
- (5) The assessment of brilliant blue FCF shows that the conditions for authorisation, as provided for in Article 5 of Regulation (EC) No 1831/2003, are satisfied. Accordingly, the use of that additive should be authorised as specified in the Annex to this Regulation.

⁽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 2013; 11(7):3288.

⁽⁴⁾ Commission Regulation (EC) No 429/2008 of 25 April 2008 on detailed rules for the implementation of Regulation (EC) No 1831/2003 of the European Parliament and of the Council as regards the preparation and the presentation of applications and the assessment and the authorisation of feed additives (OJ L 133, 22.5.2008, p. 1).

- (6) Since safety reasons do not require the immediate application of the modifications to the conditions of authorisation of the substance concerned, it is appropriate to allow a transitional period for interested parties to prepare themselves to meet the new requirements resulting from the authorisation.
- (7) 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 substance specified in the Annex, belonging to the additive category 'sensory additives' and to the functional group 'colourants', is authorised as an additive in animal nutrition, subject to the conditions laid down in that Annex.

Article 2

Transitional measures

1. The substance specified in the Annex and premixtures containing that substance, which are produced and labelled before 27 August 2020 in accordance with the rules applicable before 27 February 2020 may continue to be placed on the market and used until the existing stocks are exhausted.
2. Feed materials and compound feed containing the substance specified in the Annex which are produced and labelled before 27 February 2022 in accordance with the rules applicable before 27 February 2020 may continue to be placed on the market and used until the existing stocks are exhausted.

Article 3

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, 6 February 2020.

For the Commission
The President
Ursula VON DER LEYEN

ANNEX

Identification number of the additive	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 of active substance of kg of complete feedingstuff with a moisture content of 12 %			

Category: Sensory additives. Functional group: Colourants. (i) substances that add or restore colour in feedingstuffs

2a133	Brilliant Blue FCF	Additive composition: Brilliant Blue FCF described as the sodium salt as the principal component. Solid form (powder)	Cats	—	—	278	1. In the directions for use of the additive and premixture, the storage conditions and stability to heat treatment shall be indicated. 2. For users of the additive and premixtures, feed business operators shall establish operational procedures and organisational measures to address potential risks resulting from its use. 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 eye, skin and breathing protection.	27 February 2030
		Characterisation of the active substance as the sodium salt: Disodium α -(4-(N-ethyl-3-sulphonatobenzylamino) phenyl)- α -(4-N-ethyl-3-sulphonatobenzylamino) cyclohexa-2,5-dienylidene) toluene-2- sulphonate The calcium and the potassium salts are also permitted. Chemical formula: $C_{37}H_{34}N_2Na_2O_9S_3$ Solid form (powder) produced by chemical synthesis CAS number: 3844-45-9 Purity criteria Content not less than 85 % total colouring matters, calculated as the sodium salt (assay) Water insoluble matter: $\leq 0,2$ % Subsidiary colouring matters: ≤ 6 % Organic compounds other than colouring matters: — Sum of 2-, 3- and 4-formyl benzene sulfonic acids: $\leq 1,5$ % — 3-((ethyl)(4-sulfophenyl) amino) methyl benzene sulfonic acid: $\leq 0,3$ % Leuco base: ≤ 5 %	Dogs	—	—	334		

Identification number of the additive	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 of active substance of kg of complete feedingstuff with a moisture content of 12 %			
		<p>Un sulfonated primary aromatic amines: ≤ 0,01 % (calculated as aniline) Ether extractable matter: ≤ 0,2 % from a solution of pH 7</p> <hr/> <p>Analytical method ⁽¹⁾</p> <p>For the quantification of total colouring matters content of brilliant blue FCF in the feed additive: Spectrophotometry at 630 nm and titration with Titanous chloride as described in: — Commission Regulation (EU) No 231/2012 referring to FAO JECFA Combined Compendium for Food Additive Specifications (Analytical methods Vol. 4); and the Monograph No 1 (2006) 'Brilliant Blue FCF'.</p> <p>For the quantification of brilliant blue in feedingstuffs: — high performance liquid chromatography coupled to tandem mass spectrometry (LC-MS/MS)</p>						

⁽¹⁾ 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

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

(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 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 12 April 2019, the manufacturers Toyota Motor Europe NV/SA, Opel Automobile GmbH – PSA, FCA Italy S.p.A., Automobile Citroën, Automobile Peugeot, PSA Automobiles SA, Mitsubishi Electric Corporation, Audi AG, Ford Werke GmbH, Jaguar Land Rover Ltd, Hyundai Motor Europe Technical Center GmbH, Bayerische Motoren Werke AG, Renault SA, Honda Motor Europe Ltd, Volkswagen AG, Volkswagen Nutzfahrzeuge, Daimler AG, Denso Corporation and SEG Automotive Germany GmbH submitted a joint application ('the application') for the approval as an innovative technology of the technology used in 12 Volt efficient alternators for use in passenger cars and light commercial vehicles with internal combustion engine powertrains.
- (2) The application has been assessed in accordance with Article 11 of Regulation (EU) 2019/631, Commission Implementing Regulations (EU) No 725/2011 ⁽²⁾ and (EU) 427/2014 ⁽³⁾ and the Technical Guidelines for the preparation of applications for the approval of innovative technologies pursuant to Regulation (EC) No 443/2009 of the European Parliament and of the Council ⁽⁴⁾ (July 2018 version). In accordance with Article 11(3) of Regulation (EU) 2019/631, the application was accompanied by a verification report undertaken by an independent and certified body.
- (3) The technology used in 12 Volt efficient alternators converting mechanical energy into electrical energy with a certain conversion efficiency rate has already been approved for use in passenger cars by Commission

⁽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⁾ Regulation (EC) No 443/2009 of the European Parliament and of the Council of 23 April 2009 setting emission performance standards for new passenger cars as part of the Community's integrated approach to reduce CO₂ emissions from light-duty vehicles (OJ L 140, 5.6.2009, p. 1) <https://circabc.europa.eu/w/browse/f3927eae-29f8-4950-b3b3-d2e700598b52>

Implementing Decisions 2013/341/EU ⁽⁵⁾, 2014/465/EU ⁽⁶⁾, (EU) 2015/158 ⁽⁷⁾, (EU) 2015/295 ⁽⁸⁾, (EU) 2015/2280 ⁽⁹⁾ and (EU) 2016/588 ⁽¹⁰⁾ and for use in light commercial vehicles by Commission Implementing Decision (EU) 2018/1876 ⁽¹¹⁾ (jointly referred to as 'past approval Implementing Decisions') as an innovative technology capable of reducing CO₂ emissions in a way that is not covered by the measurements performed as part of the emissions test under the New European Driving Cycle set out in Commission Regulation (EC) No 692/2008 ⁽¹²⁾.

- (4) The application, however, refers to the new standard test procedure, the Worldwide Harmonised Light Vehicle Test Procedure (WLTP) set out in Commission Regulation (EU) 2017/1151 ⁽¹³⁾, and it is demonstrated that also the measurements performed as part of the emissions test under the WLTP do not cover the CO₂ savings resulting from the technology used in 12 Volt efficient alternators.
- (5) Based on the experience gained from the assessment of applications concerning technologies that contribute to improving the efficiency of alternators in the framework of the past approval Implementing Decisions as well as on the reports and other information provided with the application, it has been satisfactorily and conclusively demonstrated that the technology used in 12 Volt efficient alternators meets the criteria specified in Article 11(2) of Regulation (EU) 2019/631 and the eligibility criteria specified in Article 9(1)(b) of Implementing Regulations (EU) No 725/2011 and (EU) No 427/2014.
- (6) The application sets out a methodology for testing CO₂ savings from the use of the technology in 12 Volt alternators in passenger cars and light commercial vehicles. In addition to referring to the WLTP, that methodology differs from the testing methodology set out in the past approval Implementing Decisions, principally by the definition of the power consumption, the definition of the average speed and the use of a run-in procedure.
- (7) It is appropriate to adjust the definitions of the power consumption and the average speed in order to take into account the WLTP. However, regarding the addition to the testing methodology of a run-in procedure for the alternator, the application does not set out with sufficient precision the details for how such run-ins should be performed nor how the run-in effects should be taken into account. Moreover, it is already integral to the existing testing methodology set out in the past approval Implementing Decisions that such effects may be taken into

⁽⁵⁾ Commission Implementing Decision 2013/341/EU of 27 June 2013 on the approval of the Valeo Efficient Generation Alternator as an innovative technology for reducing CO₂ emissions from passenger cars pursuant to Regulation (EC) No 443/2009 of the European Parliament and of the Council (OJ L 179, 29.6.2013, p. 98).

⁽⁶⁾ Commission Implementing Decision 2014/465/EU of 16 July 2014 on the approval of the DENSO efficient alternator as an innovative technology for reducing CO₂ emissions from passenger cars pursuant to Regulation (EC) No 443/2009 of the European Parliament and of the Council and amending Commission Implementing Decision 2013/341/EU (OJ L 210, 17.7.2014, p. 17).

⁽⁷⁾ Commission Implementing Decision (EU) 2015/158 of 30 January 2015 on the approval of two Robert Bosch GmbH high efficient alternators as the 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 26, 31.1.2015, p. 31).

⁽⁸⁾ Commission Implementing Decision (EU) 2015/295 of 24 February 2015 on the approval of the MELCO GXi efficient alternator as an innovative technology for reducing CO₂ emissions from passenger cars pursuant to Regulation (EC) No 443/2009 of the European Parliament and of the Council (OJ L 53, 25.2.2015, p. 11).

⁽⁹⁾ Commission Implementing Decision (EU) 2015/2280 of 7 December 2015 on the approval of the DENSO efficient alternator as an innovative technology for reducing CO₂ emissions from passenger cars pursuant to Regulation (EC) No 443/2009 of the European Parliament and of the Council (OJ L 322, 8.12.2015, p. 64).

⁽¹⁰⁾ Commission Implementing Decision (EU) 2016/588 of 14 April 2016 on the approval of the technology used in 12 Volt efficient alternators as an innovative technology for reducing CO₂ emissions from passenger cars pursuant to Regulation (EC) No 443/2009 of the European Parliament and of the Council (OJ L 101, 16.4.2016, p. 25).

⁽¹¹⁾ Commission Implementing Decision (EU) 2018/1876 of 29 November 2018 on the approval of the technology used in 12 Volt efficient alternators for use in conventional combustion engine powered light commercial vehicles as an innovative technology 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 306, 30.11.2018, p. 53).

⁽¹²⁾ Commission Regulation (EC) No 692/2008 of 18 July 2008 implementing and amending Regulation (EC) No 715/2007 of the European Parliament and of the Council on type-approval of motor vehicles with respect to emissions from light passenger and commercial vehicles (Euro 5 and Euro 6) and on access to vehicle repair and maintenance information (OJ L 199, 28.7.2008, p. 1).

⁽¹³⁾ Commission Regulation (EU) 2017/1151 of 1 June 2017 supplementing Regulation (EC) No 715/2007 of the European Parliament and of the Council on type-approval of motor vehicles with respect to emissions from light passenger and commercial vehicles (Euro 5 and Euro 6) and on access to vehicle repair and maintenance information, amending Directive 2007/46/EC of the European Parliament and of the Council, Commission Regulation (EC) No 692/2008 and Commission Regulation (EU) No 1230/2012 and repealing Commission Regulation (EC) No 692/2008 (OJ L 175, 7.7.2017, p. 1).

account, where necessary, by the requirement that the efficiency of the alternator must be measured at least five times. As the efficiency of alternators is determined on the basis of the average of the measurement results, any run-in effects, positive or negative, may therefore be adequately taken into account in the final efficiency determination, where necessary by increasing the number of measurements. Against that background, it is not appropriate to complement the testing methodology with an additional specific run-in procedure such as that proposed in the application.

- (8) It is also appropriate to maintain the conversion efficiency rates at the same levels as those already approved by the past approval Implementing Decisions taking into account that no evidence has been provided to support that alternators with a lower conversion efficiency rate meet the market penetration requirement set out in Article 2(2)(a) of Implementing Regulations (EU) No 725/2011 and (EU) No 427/2014.
- (9) Taking into account the above considerations, the adjusted testing methodology should be considered appropriate for determining the CO₂ savings from the innovative technology in question.
- (10) Manufacturers should have the possibility to apply to a type-approval authority for the certification of CO₂ savings from the use of the technology in 12 Volt efficient alternators that meets the conditions laid down in this Decision. Manufacturers should for that purpose ensure that the application for certification is accompanied by a verification report from an independent and certified body confirming that the technology used in the 12 Volt efficient alternator complies with the conditions laid down in this Decision and that the savings have been determined in accordance with the testing methodology set out in this Decision.
- (11) In order to facilitate a wider deployment of 12 Volt efficient alternators in new vehicles, a manufacturer should also have the possibility to submit a single application for the certification of the CO₂ savings from several 12 Volt efficient alternators. It is, however, appropriate to ensure that, where that possibility is used, a mechanism is applied that incentivises the deployment of only those alternators that offer the highest efficiency.
- (12) It is the responsibility of the type-approval authority to thoroughly verify that the conditions for certifying the CO₂ savings from use of an innovative technology as specified in this Decision are met. Where the certification is granted, the type-approval authority should ensure that all elements considered for the certification are recorded in a test report and kept together with the verification report and that this information is made available to the Commission on request.
- (13) For the purposes of determining the general eco-innovation code to be used in the relevant type-approval documents in accordance with Annexes I, VIII and IX to Directive 2007/46/EC of the European Parliament and of the Council ⁽¹⁴⁾, it is necessary to attribute an individual code to the innovative technology.
- (14) From 2021, manufacturers' compliance with their specific CO₂ emissions targets is to be established on the basis of CO₂ emissions determined in accordance with the WLTP. CO₂ savings from the innovative technology certified by reference to this Decision may therefore be taken into account for the calculation of manufacturers' average specific CO₂ emissions from the calendar year 2021 onwards,

HAS ADOPTED THIS DECISION:

Article 1

Innovative technology

The technology used in 12 Volt efficient alternators intended for the conversion of mechanical energy into electrical energy is approved as an innovative technology within the meaning of Article 11 of Regulation (EU) 2019/631, taking into account that it is not covered by the standard test procedure set out in Regulation (EU) 2017/1151 and provided that the innovative technology conforms to the following conditions:

- (a) it is fitted in internal combustion engine powered passenger cars (M1) and light commercial vehicles (N1);

⁽¹⁴⁾ Directive 2007/46/EC of the European Parliament and the Council of 5 September 2007 establishing a framework for the approval of motor vehicles and their trailers, and of systems, components and separate technical units intended for such vehicles (Framework Directive) (OJ L 263, 9.10.2007, p. 1).

- (b) it is used solely to charge the vehicle battery and to power the electrical system of the vehicle when its combustion engine is running;
- (c) it has an efficiency, i.e. a conversion rate from mechanical into electric power, of at least:
 - (i) 73,8 % for petrol-fuelled vehicles other than turbo-charged;
 - (ii) 73,4 % for turbo-charged petrol-fuelled vehicles;
 - (iii) 74,2 % for diesel-fuelled vehicles.

Article 2

Application for certification of CO₂ savings

1. A manufacturer may apply to a type-approval authority for certification of the CO₂ savings from the use of the technology approved in accordance with Article 1 ('the technology') in one or several 12 Volt efficient alternators by reference to this Decision.
2. The manufacturer shall ensure that the application for the certification is accompanied by a verification report from an independent and certified body confirming that the conditions set out in Article 1 have been met.
3. Where the savings have been certified in accordance with Article 3, the manufacturer shall ensure that the certified CO₂ savings and the eco-innovation code referred to in Article 4(1) are recorded in the certificates of conformity of the vehicles concerned.

Article 3

Certification of CO₂ savings

1. The type-approval authority shall ensure that CO₂ savings achieved from the use of the innovative technology have been determined using the methodology set out in the Annex.
2. Where a manufacturer applies for the certification of the CO₂ savings from the use of the technology in more than one 12 Volt efficient alternator in relation to one vehicle version, the type-approval authority shall determine which of the 12 Volt efficient alternators tested delivers the lowest CO₂ savings. That value shall be used for the purposes of paragraph 3.
3. The type-approval authority shall record the certified CO₂ savings determined in accordance with paragraph 1 or 2 and the eco-innovation code referred to in Article 4(1) in the relevant type-approval documentation.
4. The type-approval authority shall record all the elements considered for the certification in a test report and keep that together with the verification report referred to in Article 2(2), and shall make that information available to the Commission on request.
5. The type-approval authority shall only certify CO₂ savings, if it finds that the technology used in the 12 Volt efficient alternator or alternators comply with the conditions set out in Article 1, and if the CO₂ savings achieved are 0,5 g CO₂/km or higher as specified in Article 9(1)(b) of Implementing Regulation (EU) No 725/2011 in the case of passenger cars or of Implementing Regulation (EU) No 427/2014 in the case of light commercial vehicles.

Article 4

Eco-innovation code

1. The innovative technology approved by this Decision is attributed with the eco-innovation code No 29.
2. The certified CO₂ savings recorded by reference to that eco-innovation code may be taken into account for the calculation of the average specific emissions of manufacturers starting from the calendar year 2021.

*Article 5***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, 6 February 2020.

For the Commission
The President
Ursula VON DER LEYEN

ANNEX

Methodology to determine the CO₂ savings of a 12 V efficient alternator in passenger cars and light commercial vehicles with internal combustion engine powertrain (fulfilling the conditions specified in Article 1 by reference to the Worldwide Harmonized Light Vehicle Test Procedure)

1. INTRODUCTION

In order to determine the CO₂ savings that can be attributed to the use of a 12 V efficient alternator in a passenger car and light commercial vehicle with internal combustion engine powertrain, it is necessary to specify the following:

- (1) the testing conditions;
- (2) the test equipment;
- (3) the procedure to determine the total efficiency;
- (4) the procedure to determine the CO₂ savings;
- (5) the procedure to determine the uncertainty of the CO₂ savings.

2. SYMBOLS, PARAMETERS AND UNITS

Latin symbols

C_{CO_2}	-	CO ₂ savings [g CO ₂ /km]
CO ₂	-	Carbon dioxide
CF	-	Conversion factor (l/100 km) - (g CO ₂ /km) [gCO ₂ /l] as defined in Table 3
h	-	Frequency as defined in Table 1
I	-	Current intensity at which the measurement shall be carried out [A]
m	-	Number of measurements of the sample
M	-	Torque [Nm]
n	-	Rotational frequency [min ⁻¹] as defined in Table 1
P	-	Power [W]
$s_{\eta_{EI}}$	-	Standard deviation of the eco-innovative alternator efficiency [%]
$\overline{s_{\eta_{EI}}}$	-	Standard deviation of the eco-innovative alternator efficiency mean [%]
$s_{C_{CO_2}}$	-	Standard deviation of the total CO ₂ savings [g CO ₂ /km]
U	-	Test voltage at which the measurement shall be carried out [V]
v	-	Mean driving speed of the Worldwide harmonised Light-duty vehicles Test Cycle (WLTC) [km/h]
V_{Pe}	-	Consumption of effective power [l/kWh] as defined in Table 2
$\frac{\partial C_{CO_2}}{\partial \eta_{EI}}$	-	Sensitivity of calculated CO ₂ savings related to the efficiency of the eco-innovative alternator

Greek symbols

Δ	-	Difference
η	-	Baseline alternator efficiency [%]
η_{EI}	-	Efficient alternator efficiency [%]
$\overline{\eta_{EI_i}}$	-	Mean of the eco-innovative alternator efficiency at operating point i [%]

Subscripts

Index (i) refers to operating point

Index (j) refers to measurement of the sample

EI	-	Eco-innovative
m	-	Mechanical
RW	-	Real-world conditions
TA	-	Type-approval conditions
B	-	Baseline

3. TEST CONDITIONS

The testing conditions shall fulfil the requirements specified in ISO 8854:2012 ⁽¹⁾.

4. TEST EQUIPMENT

The test equipment shall be in accordance with the specifications set out in ISO 8854:2012.

5. MEASUREMENTS AND DETERMINATION OF THE EFFICIENCY

The efficiency of the 12 V efficient alternator shall be determined in accordance with ISO 8854:2012, with the exception of the elements specified in the present paragraph.

The measurements shall be conducted at different operating points *i*, as defined in Table 1. The alternator current intensity is defined as half of the rated current for all operating points. For each speed the voltage and the output current of the alternator are to be kept constant, the voltage at 14,3 V.

Table 1

Operating point <i>i</i>	Holding time [s]	Rotational frequency <i>n_i</i> [min ⁻¹]	Frequency <i>h_i</i>
1	1 200	1 800	0,25
2	1 200	3 000	0,40
3	600	6 000	0,25
4	300	10 000	0,10

The efficiency shall be calculated in accordance with Formula 1.

Formula 1

$$\eta_{EI_i} = \frac{60 \cdot U_i \cdot I_i}{2\pi \cdot M_i \cdot n_i} \cdot 100$$

All efficiency measurements shall be performed consecutively at least five (5) times. The average of the measurements at each operating point (η_{EI_i}) has to be calculated.

The efficiency of the eco-innovative alternator (η_{EI}) shall be calculated in accordance with Formula 2

⁽¹⁾ ISO 8854:2012 Road vehicles – Alternators with regulators – Test methods and general requirements Reference number ISO 8854:2012, published on 1 June 2012.

Formula 2

$$\eta_{EI} = \sum_{i=1}^4 h_i \cdot \overline{\eta_{EI_i}}$$

The efficient alternator leads to saved mechanical power under real-world conditions (ΔP_{mRW}) and type approval conditions (ΔP_{mTA}) as defined in Formula 3.

Formula 3

$$\Delta P_m = \Delta P_{mRW} - \Delta P_{mTA}$$

where the saved mechanical power under real-world conditions (ΔP_{mRW}) is calculated in accordance with Formula 4 and the saved mechanical power under type-approval conditions (ΔP_{mTA}) in accordance with Formula 5.

Formula 4

$$\Delta P_{mRW} = \frac{P_{RW}}{\eta_B} - \frac{P_{RW}}{\eta_{EI}}$$

Formula 5

$$\Delta P_{mTA} = \frac{P_{TA}}{\eta_B} - \frac{P_{TA}}{\eta_{EI}}$$

Where:

P_{RW} : Power requirement under real-world conditions [W], which is 750W

P_{TA} : Power requirement under type-approval conditions [W], which is 350W

η_B : Efficiency of the baseline alternator [%], which is 67%

6. CALCULATION OF THE CO₂ SAVINGS

The CO₂ savings of the efficient alternator are to be calculated with Formula 6.

Formula 6

$$C_{CO_2} = \Delta P_m \cdot \frac{V_{Pe} \cdot CF}{v}$$

Where:

v : Mean driving speed of the WLTC [km/h], which is 46,60 km/h

V_{Pe} : Consumption of effective power specified in the following Table 2:

Table 2

Consumption of effective power

Type of engine	Consumption of effective power (V_{Pe}) [l/kWh]
Petrol	0,264
Petrol Turbo	0,280
Diesel	0,220

CF: Factor specified in the following Table 3:

Table 3

Fuel conversion factor

Type of fuel	Conversion factor (l/100 km) - (g CO ₂ /km) (CF) [gCO ₂ /l]
Petrol	2 330
Diesel	2 640

7. CALCULATION OF THE STATISTICAL ERROR

The statistical errors in the results of the testing methodology caused by the measurements shall be quantified. For each operating point the standard deviation shall be calculated in accordance with Formula 7:

Formula 7

$$s_{\overline{\eta_{EI_i}}} = \frac{s_{\eta_{EI_i}}}{\sqrt{m}} = \sqrt{\frac{\sum_{j=1}^m (\eta_{EI_j} - \overline{\eta_{EI_i}})^2}{m(m-1)}}$$

The standard deviation of the efficiency value of the efficient alternator ($s_{\eta_{EI}}$) shall be calculated in accordance with Formula 8:

Formula 8

$$s_{\eta_{EI}} = \sqrt{\sum_{i=1}^4 (h_i \cdot s_{\overline{\eta_{EI_i}}})^2}$$

The standard deviation of the alternator efficiency ($s_{\eta_{EI}}$) leads to an error in the CO₂ savings ($s_{C_{CO_2}}$). That error shall be calculated in accordance with Formula 9:

Formula 9

$$s_{C_{CO_2}} = \sqrt{\left(\frac{\partial C_{CO_2}}{\partial \eta_{EI}} \cdot s_{\eta_{EI}}\right)^2} = \frac{(P_{RW} - P_{TA})}{\eta_{EI}^2} \cdot \frac{V_{Pe} \cdot CF}{v} \cdot s_{\eta_{EI}}$$

8. STATISTICAL SIGNIFICANCE

It has to be demonstrated for each type, variant and version of a vehicle fitted with the efficient alternator that the error in the CO₂ savings calculated in accordance with Formula 9 is not greater than the difference between the total CO₂ savings and the minimum savings threshold specified in Article 9(1) of Regulation (EU) No 725/2011 (see Formula 10).

Formula 10

$$MT \leq C_{CO_2} - s_{C_{CO_2}} - \Delta CO_{2m}$$

Where:

MT: Minimum threshold [gCO₂/km]

C_{CO₂}: Total CO₂ saving [gCO₂/km]

S_{C_{CO₂}}: Standard deviation of the total CO₂ saving [gCO₂/km]

ΔCO_{2m}: CO₂ correction coefficient due to the positive mass difference between the efficient alternator and the baseline alternator. ΔCO_{2m} shall be calculated following Table 4:

Table 4

CO ₂ correction coefficient due to the extra mass	
Petrol (ΔCO _{2mP}) [g CO ₂ /km kg]	0,0277•Δm
Diesel (ΔCO _{2mD}) [g CO ₂ /km kg]	0,0383•Δm

In Table 4, 'Δm' is the extra mass due to the installation of the efficient alternator. It is the positive difference between the mass of the efficient alternator and the mass of baseline alternator. The mass of the baseline alternator is 7 kg. On the evaluation of the extra mass the manufacturer must hand over verified documentation to the type-approval authority.

9. TEST AND EVALUATION REPORT

The report shall include:

- Model and mass of the tested alternators
- Description of the bench
- Test results (measured values)
- Calculated results and corresponding formulae.

10. THE EFFICIENT ALTERNATOR TO BE FITTED IN VEHICLES

The type-approval authority shall certify the CO₂ savings based on measurements of the efficient alternator and the baseline alternator using the test methodology set out in this Annex. Where the CO₂ emission savings are below the threshold specified in Article 9(1), the second subparagraph of Article 11(2) of Regulation (EU) No 725/2011 shall apply.

COMMISSION IMPLEMENTING DECISION (EU) 2020/175**of 6 February 2020****amending the Annex to Implementing Decision (EU) 2020/47 on protective measures in relation to highly pathogenic avian influenza of subtype H5N8 in certain Member States***(notified under document C(2020) 762)***(Text with EEA relevance)**

THE EUROPEAN COMMISSION,

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

Having regard to Council Directive 89/662/EEC of 11 December 1989 concerning veterinary checks in intra-Community trade with a view to the completion of the internal market ⁽¹⁾, and in particular Article 9(4) thereof,

Having regard to Council Directive 90/425/EEC of 26 June 1990 concerning veterinary checks applicable in intra-Union trade in certain live animals and products with a view to the completion of the internal market ⁽²⁾, and in particular Article 10(4) thereof,

Whereas:

- (1) Commission Implementing Decision (EU) 2020/47 ⁽³⁾ was adopted following outbreaks of highly pathogenic avian influenza of subtype H5N8 in holdings where poultry are kept in certain Member States, and the establishment of protection and surveillance zones by those Member States in accordance with Council Directive 2005/94/EC ⁽⁴⁾.
- (2) Implementing Decision (EU) 2020/47 provides that the protection and surveillance zones established by the Member States listed in the Annex to that Implementing Decision, in accordance with Directive 2005/94/EC, are to comprise at least the areas listed as protection and surveillance zones in that Annex.
- (3) The Annex to Implementing Decision 2020/47 was recently amended by Commission Implementing Decision (EU) 2020/134 ⁽⁵⁾, following instances of highly pathogenic avian influenza of subtype H5N8 in poultry in Poland and Slovakia that needed to be reflected in that Annex.
- (4) Since the date of adoption of Implementing Decision (EU) 2020/134, Poland has notified the Commission of additional outbreaks of highly pathogenic avian influenza of subtype H5N8 in holdings where poultry are kept, in the Wolsztynski and Raciborski districts, outside the areas currently listed in the Annex to Implementing Decision (EU) 2020/47, and the competent authorities of that Member State have taken the necessary measures required in accordance with Directive 2005/94/EC, including the establishment of protection and surveillance zones around those new outbreaks.
- (5) The Commission has examined the measures taken by Poland in accordance with Directive 2005/94/EC and it is satisfied that the boundaries of the protection and surveillance zones, established by the competent authorities of Poland, are at a sufficient distance to the holdings where the recent outbreaks of highly pathogenic avian influenza of subtype H5N8 have been confirmed.
- (6) In order to prevent any unnecessary disturbance to trade within the Union and to avoid unjustified barriers to trade being imposed by third countries, it is necessary to rapidly describe at Union level, in collaboration with Poland, the new protection and surveillance zones established by that Member State in accordance with Directive 2005/94/EC. Therefore, the protection and surveillance zones listed for Poland, in the Annex to Implementing Decision (EU) 2020/47, should be amended.

⁽¹⁾ OJ L 395, 30.12.1989, p. 13.

⁽²⁾ OJ L 224, 18.8.1990, p. 29.

⁽³⁾ Commission Implementing Decision (EU) 2020/47 of 20 January 2020 on protective measures in relation to highly pathogenic avian influenza of subtype H5N8 in certain Member States (OJ L 16, 21.1.2020, p. 31).

⁽⁴⁾ Council Directive 2005/94/EC of 20 December 2005 on Community measures for the control of avian influenza and repealing Directive 92/40/EEC (OJ L 10, 14.1.2006, p. 16).

⁽⁵⁾ Commission Implementing Decision (EU) 2020/134 of 30 January 2020 amending the Annex to Implementing Decision (EU) 2020/47 on protective measures in relation to highly pathogenic avian influenza of subtype H5N8 in certain Member States (OJ L 27, 31.1.2020, p. 27).

- (7) Accordingly, the Annex to Implementing Decision (EU) 2020/47 should be amended to update regionalisation at Union level to include the new protection and surveillance zones established by Poland, in accordance with Directive 2005/94/EC, and the duration of the restrictions applicable therein.
- (8) Implementing Decision (EU) 2020/47 should therefore be amended accordingly.
- (9) Given the urgency of the epidemiological situation in the Union as regards the spread of highly pathogenic avian influenza of subtype H5N8, it is important that the amendments made to the Annex to Implementing Decision (EU) 2020/47 by this Decision should take effect as soon as possible.
- (10) The measures provided for in this Decision are in accordance with the opinion of the Standing Committee on Plants, Animals, Food and Feed,

HAS ADOPTED THIS DECISION:

Article 1

The Annex to Implementing Decision (EU) 2020/47 is replaced by the text set out in the Annex to this Decision.

Article 2

This Decision is addressed to the Member States.

Done at Brussels, 6 February 2020.

For the Commission
Stella KYRIAKIDES
Member of the Commission

ANNEX

The Annex to Implementing Decision (EU) 2020/47 is replaced by the following:

ANNEX

PART A

Protection zones in the concerned Member States as referred to in Articles 1 and 2:

Member State: Czechia

Area comprising:	Date until applicable in accordance with Article 29(1) of Directive 2005/94/EC
Region of Vysočina:	
Borovec (763446), Dolní Čepí (773514), Horní Čepí (773522), Kozlov u Lesoňovic (680257), Lískovec u Nedvědice (773557), Olešnička (763454), Štěpánov nad Svratkou (763462), Švařec (669601), Ujčov (773565), Vrtěžř (763471)	10.2.2020

Member State: Hungary

Area comprising:	Date until applicable in accordance with Article 29(1) of Directive 2005/94/EC
Komárom-Esztergom megye:	
Ács és Bábolna települések közigazgatási területeinek a 47.687049 és a 17.989846, a 47.690195 és a 17.995825, valamint a 47.686220 és a 17.987319 GPS-koordináták által meghatározott pont körüli 3 km sugarú körön belül eső területei	17.2.2020
Hajdú-Bihar megye:	
Kokad és Létavértes települések közigazgatási területeinek a 47.387114 és a 21.9118493 GPS-koordináták által meghatározott pont körüli 3 km sugarú körön belül eső területei	8.2.2020

Member State: Slovakia

Area comprising:	Date until applicable in accordance with Article 29(1) of Directive 2005/94/EC
Nitra region:	
Municipalities: Zbehy, Čajakovce	30.1.2020
Trnava region:	
Municipality: Cífer	10.2.2020
Pezinok region:	
Municipality: Jablonec	10.2.2020
Čadca region:	
Municipalities: Stará Bystrica, Radôstka	18.2.2020

Member State: Poland

Area comprising:	Date until applicable in accordance with Article 29(1) of Directive 2005/94/EC
W województwie lubelskim, w powiecie lubartowskim:	
W gminie Uścimów miejscowości: Stary Uścimów, Nowy Uścimów, Drozdówka, Głębokie, Maśluchy, Orzechów Kolonia; Nowy Orzechów, Stary Orzechów	29.1.2020
W województwie lubelskim, w powiecie krasnostawskim:	
<ol style="list-style-type: none"> 1. W gminie Izbica miejscowości: Wólka Orłowska, Topola, Orłów Drewniany, Orłów Drewniany Kolonia, Wał, Dworzyska, część miejscowości Izbica położona na północ od ulic Stokowej, Cichej, Targowej i Gminnej, północno – wschodnia część miejscowości Tarnogóra położona na wschód od rzeki Wieprz, część miejscowości Romanów położona na wschód od drogi 2141L; 2. W gminie Krasnystaw miejscowości: Latyczów, Małochwiej Mały; 3. W gminie Żółkiewka miejscowości: Borówek, Borówek Kolonia, Makowiska, Olchowiec Wieś, Olchowiec Kolonia, Poperczyn, Wola Żółkiewska; 4. W gminie Gorzków miejscowości: Czysta Dębina, Borów. 	29.1.2020
W województwie wielkopolskim, w powiecie ostrowskim:	
<p>Część gmin Ostrów Wielkopolski i Przygodzice ograniczone: od północy od przejazdu kolejowego na ulicy Gorzyckiej w Ostrowie Wielkopolskim, dalej ulicą Gorzycką w kierunku zachodnim do kościoła w miejscowości Gorzyce Wielkie. W kierunku południowym mijając od wschodu wsie Radziwiłłów do miejscowości Gorzyce Małe. Następnie do drogi nr 445 i ciekim wodnym przez las i niezamieszkałą część ulicy Kwiatowej w miejscowości Tarchały Wielkie. Następnie na wschód ulicą długą w miejscowości Topola Wielka do miejscowości Janków Przygodzki wzdłuż ulicy Długiej do skrzyżowania z ulicą Zębcowską. Na północ wzdłuż ulicy Zębcowskiej w Jankowie Przygodzkim do ulicy Staroprzygodzkiej w Ostrowie Wielkopolskim. Wzdłuż ulicy Staroprzygodzkiej do ulicy Siewnej, następnie na północny zachód ulicą Długą w miejscowości Ostrów Wielkopolski do ulicy Krętej, dalej wzdłuż ulicy Krętej i dalej ulicy Bocznej do przejazdu kolejowego na ulicy Gorzyckiej w miejscowości Ostrów Wielkopolski.</p>	26.1.2020
W województwie wielkopolskim, w powiecie ostrowskim:	
W gminie Ostrów Wielkopolski miejscowości: Słaborowice, Lewków, Szczury, Kwiatków, Kołatajew, Franklinów, Młynów, Będzieszyn, Michałków, Czekanów	8.2.2020
W województwie wielkopolskim, w powiecie ostrowskim:	
<ol style="list-style-type: none"> 1. W gminie Ostrów Wielkopolski miejscowość: Wysocko Wielkie 2. W gminie Przygodzice miejscowości: Janków Przygodzki, Przygodzice, Wysocko Małe 	8.2.2020
W województwie wielkopolskim, w powiecie ostrowskim:	
<ol style="list-style-type: none"> 1. W gminie Raszków miejscowości: Rąbczyn, Jelitów, Jaskółki, Radłów, południowa część miejscowości Przybysławice od numeru 144 do nr 35 2. W gminie Ostrów Wielkopolski miejscowości: Zacharzew, Lamki, Zalesie, Świeligów 3. Część północno - zachodnia miasta Ostrów Wielkopolski od ulicy Miodowej nr 5, Radłowskiej 65 przez ulice Profesora Jachimka, Przymiejską, Krotoszyńską, Owsianą do ulicy Topolowej 62 	13.2.2020
W województwie wielkopolskim w powiecie wolsztyńskim:	
1. W gminie Wolsztyn miejscowości: Berzyna, Stary Widzim Piekiełko, Adamowo Piekiełko, Kębłowo Kolonia, część miejscowości Niałek Wielki położona na południe od drogi nr 32	20.2.2020

Area comprising:	Date until applicable in accordance with Article 29(1) of Directive 2005/94/EC
W województwie wielkopolskim, w powiecie kolskim:	
1. W gminie Olszówka miejscowości: Drzewce, Młynik, Łubianka, Ostrów Kolonia, Adamin, 2. W gminie Dąbie miejscowości: Tarnówka Wiesiołowska, Baranowiec, Tarnówka, Zalesie	5.2.2020
W województwie wielkopolskim, w powiecie szamotulskim	
W gminie Ostroróg miejscowości: Zapust, Wielonek, Klemensowo, Rudki Huby, Ostroróg	15.2.2020
W województwie wielkopolskim w powiecie wolsztyńskim:	
1. W gminie Wolsztyn miejscowości: Berzyna, Stary Widzim Piekiełko, Adamowo Piekiełko, Kębłowo Kolonia, część miejscowości Niałek Wielki położona na południe od drogi nr 32	20.2.2020
W województwie zachodniopomorskim w powiecie myśliborskim:	
1. W gminie Myślibórz miejscowości: Rościn, Rościnko, Rokiczenko, Gryżyno, Dąbrowa-osada, Nawrocko, Iłowo, Wrzelewo, Pszczelnik; 2. W gminie Dębno miejscowość: Junczewo	8.2.2020
W województwie dolnośląskim w powiatach legnickim i złotoryjskim:	
1. W powiecie legnickim w gminie Chojnów miejscowości: Strupice, Budziwojów, Dzwonów, Gołocin, Pawlikowice; 2. W powiecie złotoryjskim w gminie Zagrodno miejscowość: Brochocin; 3. W powiecie złotoryjskim w gminie Złotoryja miejscowości: Podolany, Kolonia Kwiatów m. Lubiatów,	9.2.2020
W województwie warmińsko – mazurskim w powiecie iławskim	
W gminie Zalewo: Rąbity, Międzychód, Zatyki, Surbajny, Koziny, Kupin, Rudnia	20.2.2020
W województwie śląskim w powiecie raciborskim:	
W gminie Kuźnia Raciborska, miejscowości: Ruda Kozielska, część miejscowości Rudy położona na zachód od drogi nr 919	20.2.2020

Member State: Romania

Area comprising:	Date until applicable in accordance with Article 29(1) of Directive 2005/94/EC
Județul Maramureș	
Oraș Seini Oraș Seini - localitatea Săbișa	13.2.2020
Județul Satu Mare	
Comuna Pomi, localitatea Pomi	13.2.2020

PART B

Surveillance zones in the concerned Member States as referred to in Articles 1 and 3:

Member State: Czechia

Area comprising:	Date until applicable in accordance with Article 31 of Directive 2005/94/EC
Region of Vysočina:	
Blažejovice u Rozsoch (742414), Bolešín (781037), Bor u Nedvědice (747114), Bratrušín (617008), Brňoví (733407), Bukov na Moravě (615757), Bystřice nad Pernštejnem (616958), Býšovec (617211), Čtyři Dvory (733415), Dolní Rožínka (630098), Domanín u Bystřice nad Pernštejnem (630616), Domanínek (617075), Dvořiště u Bystřice nad Pernštejnem (616982), Hluboké u Dalečína (624471), Horní Rožínka (643980), Hrdá Ves (782483), Chlébské (748498), Chlum (651605), Jabloňov (781363), Josefov u Rožné (742881), Karasín (794970), Kobylnice nad Svratkou (669580), Korouhvice (651613), Koroužné (669598), Kovářová (773549), Lesoňovice (680265), Malé Tresné (741981), Milasín (615765), Moravecké Pavlovice (698571), Pivonice u Lesoňovic (680273), Prosetín u Bystřice nad Pernštejnem (733423), Rodkov (630110), Rovečné (741990), Rozsochy (742431), Rožná (742899), Sejřek (747131), Skorotice (748501), Smrček (617229), Střítež u Bukova (615773), Věchnov (777544), Velké Tresné (742007), Věstín (781045), Věstínek (781053), Věžná na Moravě (781380), Vír (782491), Vojetín u Rozsoch (742449), Zlatkov (742902), Ždánice u Bystřice nad Pernštejnem (794988)	17.2.2020
Borovec (763446), Dolní Čepí (773514), Horní Čepí (773522), Kozlov u Lesoňovic (680257), Lískovec u Nedvědice (773557), Olešnička (763454), Štěpánov nad Svratkou (763462), Švařec (669601), Ujčov (773565), Vrtěžř (763471)	From 11.2.2020 until 17.2.2020
Southern Moravian region:	
Bedřichov (601373), Běleč u Lomnice (601918), Brumov u Lomnice (613053), Crhov u Olešnice (617920), Černovice u Kunštátu (620602), Černvív (620661), Doubravník (631388), Hluboké u Kunštátu (639672), Hodonín u Kunštátu (640409), Klokočí u Olší (711128), Křepťov (601926), Křížovice (676675), Křténov u Olešnice (676691), Lhota u Olešnice (681202), Louka (687189), Maňová (719358), Nedvědice pod Pernštejnem (702307), Ochoz u Tišnova (709441), Olešnice na Moravě (710415) – část katastrálního území západně od komunikace č. 362 (ul. Rovečínská-Generála Čáпка, Olší u Tišnova (711144), Osiky (713112), Pernštejn (702315), Rakové (711152), Rozseč nad Kunšátem (742317), Strhaře (756881), Synalov (761753), Tasovice (765112)	17.2.2020

Member State: Hungary

Area comprising:	Date until applicable in accordance with Article 31 of Directive 2005/94/EC
Komárom-Esztergom megye:	
Bana, Bábolna, Csém, Kisigmánd, Komárom, Mocsá, Nagyigmánd és Tárkány települések közigazgatási területének a 47.687049 és a 17.989846, a 47.690195 és a 17.995825, valamint a 47.686220 és a 17.987319 GPS-koordináták által meghatározott pont körüli 10 km sugarú kör által határolt területen belül és a védőkörzeten kívül eső területei	26.2.2020
Ács és Bábolna települések közigazgatási területeinek a 47.687049 és a 17.989846, a 47.690195 és a 17.995825, valamint a 47.686220 és a 17.987319 GPS-koordináták által meghatározott pont körüli 3 km sugarú körön belül eső területei	From 18.2.2020 until 26.2.2020

Area comprising:	Date until applicable in accordance with Article 31 of Directive 2005/94/EC
Győr-Moson-Sopron megye:	
Bőny, Nagyszentjános és Rétalap települések közigazgatási területeinek a 47.687049 és a 17.989846 valamint 47.690195 és 17.995825 GPS-koordináták által meghatározott pont körüli 10 km sugarú körön belül eső területei	26.2.2020
Hajdú-Bihar megye:	
Álmosd, Bagamér, Monostorpályi, Pocsaj, Újléta és Vámospércs és települések közigazgatási területeinek a 47.387114 és a 21.9118493 GPS-koordináták által meghatározott pont körül 10 km sugarú körön belül és a védőkörzeten kívül eső területei	17.2.2020
Kokad és Létavértes települések közigazgatási területeinek a 47.387114 és a 21.9118493 GPS-koordináták által meghatározott pont körül 3 km sugarú körön belül eső területei	From 9.2.2020 until 17.2.2020

Member State: Slovakia

Area comprising:	Date until applicable in accordance with Article 31 of Directive 2005/94/EC
Nitra region:	
Municipalities in region Nitra: Čab, Nové Sady, Malé Zálužie, Kapince, Šurianky, Hruboňovo, Jelšovce, Ludóvitová, Výčapy-Opatovce, Podhorany, Lužianky, Lehota, Alekšince, Lukáčovce, Rišňovce Parts of town Nitra: Dražovce, Zobor, Chrenová, Kynek	8.2.2020
Municipalities in region Nitra: City Komárno part of Nová Stráž, part of municipality Žitná na Ostrove	26.2.2020
Municipalities: Zbehy, Čajakovce	From 31.1.2020 until 8.2.2020
Topoľčany region:	
Municipality: Koniarovce	8.2.2020
Trnava region:	
Municipality: Cífer	From 11.2.2020 until 17.2.2020
Municipalities: Trnava city, Hrnčiarovce nad Parnou, Zeleneč, Biely Kostol, Ružindol, Zvončín, Suchá nad Parnou, Borová, Voderady, Slovenská Nová Ves, Pavlice	17.2.2020
Senec region:	
Municipalities: Blatné, Kaplná, Igram, Čataj	17.2.2020
Pezinok region:	
Municipality : Jablonec	From 11.2.2020 until 17.2.2020
Municipalities: Báhoň, Štefanová, Budmerice, Vištuk, Šenkvice	17.2.2020
Galanta region:	
Municipality: Veľký Grob	19.2.2020
Čadca region:	
Municipalities: Stará Bystrica, Radôstka, Vychylovka	From 19.2.2020 until 27.2.2020
Municipalities: Klubina, Zborov nad Bystricou, Krásno nad Kysucou, Nová Bystrica, Dunajov	27.2.2020

Area comprising:	Date until applicable in accordance with Article 31 of Directive 2005/94/EC
Žilina region:	
Municipality: Lutiše, Horná Tižiná	27.2.2020
Kysucké Nové Mesto region:	
Municipality: Lodno, part of municipalities: Kysucký Lieskovec, Horný Vadičov	27.2.2020

Member State: Poland

Area comprising:	Date until applicable in accordance with Article 31 of Directive 2005/94/EC
W województwie lubelskim, w powiatach: lubartowskim, łęczyńskim, parczewskim, włodawskim:	
<ol style="list-style-type: none"> 1. W powiecie lubartowskim w gminie Uścimów miejscowości: Krasne, Nowa Jedlanka, Ochoża, Rudka Starościńska, Stara Jedlanka; 2. W powiecie lubartowskim w gminie Ostrów Lubelski miejscowości: Ostrów Lubelski, Bójki, Jamy, Kolechowice, Kolechowice Folwark; Kolechowice Kolonia, Rozkopaczew, Rudka Kijańska; 3. W powiecie łęczyńskim w gminie Ludwin miejscowości: Dratów Kolonia, Jagodno, Krzceń, Piaseczno, Rogóżno, Rozpłucie Pierwsze, Rozpłucie Drugie; 4. W powiecie parczewskim w gminie Sosnowica miejscowości: Stary Orzechów, Nowy Orzechów, Lejno, Komarówka, Zienki, Górki, Sosnowica, Libiszów, Bohutyn, Lipniak, Pasieka, Zbójno; 5. W powiecie parczewskim w gminie Dębowa Kłoda miejscowości: Białka, Makoszka, Uhnin, 6. W powiecie parczewskim w gminie Parczew: miejscowości: Babianka, Tyśmienica; 7. W powiecie włodawskim w gminie Urszulin: miejscowości: Jamniki, Łomnica, Zawadówka 	7.2.2020
W województwie lubelskim, w powiecie lubartowskim:	
W gminie Uścimów miejscowości: Stary Uścimów, Nowy Uścimów, Drozdówka, Głębokie, Maśluchy, Orzechów Kolonia, Nowy Orzechów, Stary Orzechów	From 30.1.2020 until 7.2.2020
W województwie lubelskim, w powiatach: krasnostawskim, zamojskim	
<ol style="list-style-type: none"> 1. W powiecie krasnostawskim miasto Krasnystaw; 2. W powiecie krasnostawskim w gminie Gorzków miejscowości: Piaski Szlacheckie, Widniówka; 3. W powiecie krasnostawskim gmina Izbica (bez obszaru zapowietrzonego); 4. W powiecie krasnostawskim w gminie Krasnystaw miejscowości: Białka, Łany, Małochwiej Duży, Niemienice, Niemienice Kolonia, Siennica Nadolna, Tuligłowy, Rońsko, Widniówka, Zastawie Kolonia, Zażółkiew; 5. W powiecie krasnostawskim w gminie Krańcizyn miejscowości: Anielpol, Brzeziny, Czajki, Franciszków, Majdan Surhowski, Łukaszkówka, Surhów, Surhów Kolonia; 6. W powiecie krasnostawskim w gminie Siennica Różana miejscowości: Rudka, Siennica Królewska Duża; 7. W powiecie zamojskim w gminie Skierbieszów miejscowości: Kalinówka, Kolonia Wiszenki, Wiszenki, Zabytów; 8. W powiecie zamojskim w gminie Stary Zamość miejscowości: Krasne, Majdan Sitanecki, Podkrasne, Podstary Zamość, Stary Zamość, Wierzba Druga. 	7.2.2020

Area comprising:	Date until applicable in accordance with Article 31 of Directive 2005/94/EC
W województwie lubelskim, w powiecie krasnostawskim:	
<ol style="list-style-type: none"> 1. W gminie Izbica miejscowości: Wólka Orłowska, Topola, Orłów Drewniany, Orłów Drewniany Kolonia, Wał, Dworzyska, część miejscowości Izbica położona na północ od ulic Stokowej, Cichej, Targowej i Gminnej, północno – wschodnia część miejscowości Tarnogóra położona na wschód od rzeki Wieprz, część miejscowości Romanów położona na wschód od drogi 2141L; 2. W gminie Krasnystaw miejscowości: Latyczów, Małochwiej Mały; 3. W gminie Żółkiewka miejscowości: Borówek, Borówek Kolonia, Makowiska, Olchowiec Wieś, Olchowiec Kolonia, Poperczyn, Wola Żółkiewska; 4. W gminie Gorzków miejscowości: Czysta Dębina, Borów. 	From 30.1.2020 until 7.2.2020
W województwie lubelskim, w powiatach: krasnostawskim, lubelskim, świdnickim	
<ol style="list-style-type: none"> 1. W powiecie krasnostawskim w gminie Żółkiewka miejscowości: Dąbie Kolonia, Tokarówka, Celin, Siniec, Adamówka, Makowiska Małe, Żółkiewka, Rożki, Rożki Kolonia, Huta, Żółkiew Wieś, Żółkiew Kolonia, Zaburze, Zaburze Kolonia, Markiewiczów, Gany, Koszarsko, Chruściechów, Majdan Wierzchowiński, Wierzchowin, Chłaniów, Chłaniów Kolonia, Średnia Wieś, Władysławin; 2. W powiecie krasnostawskim w gminie Rudnik: Majdan Borowski Pierwszy, Majdan Borowski Drugi, Suszeń, Joanin, Potasznia, Majdan Średni, Majdan Kobyłański, Majdan Łuczycki, Majdan Borowski, Suche Lipie, Rudnik, Równianki, Wierzbica, Wierzbica Kolonia, Międzyłaz, Mościska Kolonia, Mościska, Płonka, Maszów, Romanówek, Bzowiec, Kaszuby; 3. W powiecie krasnostawskim w gminie Gorzków miejscowości: Antoniówka, Bogusław, Orchowiec, Kolonia Orchowiec, Bobrowe, Felicjan, Baranica, Wielkopole, Zamostek, Gorzków, Gorzków Wieś, Gorzków Osada, Piaski Szlacheckie, Chorupnik, Chorupnik Kolonia, Borsuk, Józefów, Czysta Debina Kolonia, Borów Kolonia, Góry, Olesin, Wielobycz, Wiśniów; 4. W powiecie krasnostawskim w gminie Izbica miejscowości: Bobliwo, Wirkowice Drugie; 5. W powiecie lubelskim w gminie Krzczonów miejscowości: Sobieska Wola Pierwsza, Sobieska Wola Druga; 6. W powiecie lubelskim w gminie Wysokie miejscowość: Antoniówka; 7. W powiecie świdnickim w gminie Rybczewice miejscowości: Bazar, Częstoborowice, Izdebno, Izdebno Kolonia, Pilaszkowice Pierwsze, Pilaszkowice Drugie, Zygmuntów. 	7.2.2020
W województwie wielkopolskim, w powiecie ostrowskim:	
<ol style="list-style-type: none"> 1. Pozostała część gminy Przygodzice bez obszaru zapowietrzonego, 2. Pozostała część gminy Ostrów Wielkopolski bez obszaru zapowietrzonego, 3. gmina Raszków, 4. gmina Odolanów. 	4.2.2020
W województwie wielkopolskim, w powiecie ostrowskim:	
<ol style="list-style-type: none"> 1. W gminie Ostrów Wielkopolski miejscowości: Sobótka, Borowiec, Gutów, Górzeńko, Górzno, Biniew, Szczury, Kwiatków, Lewkowiec, Stary Staw, Karski, Ostrów Wielkopolski, Wtórek, Sadowie, Nowe Kamienice, Wysocko Wielkie, Smardowskie Ołendry 2. W gminie Raszków miejscowości: Grudzielec, Nowy Grudzielec, Korytnica, Szczurawice, 3. W gminie Nowe Skalmierzyce miejscowości: Pawłówek, Gałązki Wielkie, Kotowiecko, Żakowice, Głóski, Droszew, Gałązki Małe, Trkusów, Miedzianów, Boczków, Kurów, Kościuszków, Gniazdów, Fabian, Ociąż, Skalmierzyce, Śliwniki, Nowe Skalmierzyce, Biskupice Ołoboczne, Bilczew 4. W gminie Sieroszewice miejscowości: Latowice, Latowice-Kęszyce, Parczew, Bibianki 5. W gminie Przygodzice miejscowości: Topola Osiedle, Strugi, Trzcieliny, Szkudlarka, Dębica, Ołendry, Smardów, Bogułałów, Chynowa, Chynowa Lipie, Klady, Opłotki; 	17.2.2020

Area comprising:	Date until applicable in accordance with Article 31 of Directive 2005/94/EC
6. W gminie Odolanów miejscowości: Chujary, Pustkowie, Gorzyce Małe, Egipt, Madera I, Parcele, Harych, Zieluchowiec, Chałupki, Huta, Żuraw, Szmata, Nadstawki, Grochowiska, Papiernia 7. W gminie Sieroszewice miejscowości: Parczew, Westrza, Zmysłona 8. W gminie Ostrów Wielkopolski miejscowości: Sadowie, Smardowskie Olendry, Nowe Kamienice, Wtórek, Trąba, Kąkolewo, Bagatela, Czekanów, Baby, Michałków, Gręblów, Madera II, Biedrusko,	
Część gmin Ostrów Wielkopolski i Przygodzice odgraniczone: od północy od przejazdu kolejowego na ulicy Gorzyckiej w Ostrowie Wielkopolskim, dalej ulicą Gorzycką w kierunku zachodnim do kościoła w miejscowości Gorzyce Wielkie. W kierunku południowym mijając od wschodu wieś Radziwiłłów do miejscowości Gorzyce Małe. Następnie do drogi nr 445 i ciekim wodnym przez las i niezamieszkałą część ulicy Kwiatowej w miejscowości Tarchały Wielkie. Następnie na wschód ulicą długą w miejscowości Topola Wielka do miejscowości Janków Przygodzki wzdłuż ulicy Długiej do skrzyżowania z ulicą Zębcowską. Na północ wzdłuż ulicy Zębcowskiej w Jankowie Przygodzkim do ulicy Staroprzygodzkiej w Ostrowie Wielkopolskim. Wzdłuż ulicy Staroprzygodzkiej do ulicy Siewnej, następnie na północny zachód ulicą Długą w miejscowości Ostrów Wielkopolski do ulicy Krętej, dalej wzdłuż ulicy Krętej i dalej ulicy Bocznej do przejazdu kolejowego na ulicy Gorzyckiej w miejscowości Ostrów Wielkopolski.	From 26.1.2020 until 4.2.2020
W gminie Ostrów Wielkopolski miejscowości: Słaborowice, Lewków, Szczury, Kwiatków, Kołatajew, Franklinów, Młynów, Będzieszyn, Michałków, Czekanów	From 9.2.2020 until 17.2.2020
1. W gminie Ostrów Wielkopolski miejscowość: Wysocko Wielkie 2. W gminie Przygodzice miejscowości: Janków Przygodzki, Przygodzice, Wysocko Małe	From 9.2.2020 until 17.2.2020
W województwie wielkopolskim, w powiecie ostrowskim:	
1. W gminie Raszków miejscowości: Rąbczyn, Jelitów, Jaskółki, Radłów, południowa część miejscowości Przybysławice od numeru 144 do nr 35 2. W gminie Ostrów Wielkopolski miejscowości: Zacharzew, Lamki, Zalesie, Świągów 3. Część północno - zachodnia miasta Ostrów Wielkopolski od ulicy Miodowej nr 5, Radłowskiej 65 przez ulice Profesora Jachimka, Przymiejską, Krotoszyńską, Owsianą do ulicy Topolowej 62	From 14.2.2020 until 23.2.2020
W województwie wielkopolskim, w powiatach ostrowskim i krotoszyńskim:	
W powiecie ostrowskim: 1. W gminie Raszków miejscowości: Rąbczyn, Raszków, Pogrzybów, Głogowa, Skrzebowa, Moszczanka, Biniew, Bieganin, Szczurawice, Walentynów, Niemojewiec, Janków Zalesny, Sulisław, pozostała część miejscowości Przybysławice poza obszarem zapowietrzonym, południowa część miejscowości Korytnica do ulicy Jarocińskiej 6; 2. W gminie Ostrów Wielkopolski miejscowości: Łakociny, Daniszyn, Gorzyce Wielkie, Radziwiłłów, Topola Mała, Słaborowice, Franklinów, Lewków, Szczury, Wysocko Wielkie, Cegły, Kołatajew, Karski, Stary Staw, Mazury- część wschodnia do numeru 8, Czekanów- zachodnia część od ulicy Kaliskiej 12, Kwiatków- zachodnia część od numeru 7A 3. Pozostała część miasta Ostrów Wielkopolski poza obszarem zapowietrzonym 4. W gminie Przygodzice miejscowości: Topola Wielka, Topola Osiedle, Janków Przygodzki, Wysocko Małe 5. W gminie Odolanów miejscowości: Nabyszyce, Wierzbno, Tarchały Wielkie, Tarchały Małe, Gorzyce Małe W powiecie krotoszyńskim: W gminie Krotoszyn miejscowości: Baszyny, Ugrzele, Janów, Orpizew, Świnków	23.2.2020

Area comprising:	Date until applicable in accordance with Article 31 of Directive 2005/94/EC
W województwie wielkopolskim, w powiecie kolskim:	
1. W gminie Olszówka miejscowości: Drzewce, Młynik, Łubianka, Ostrów Kolonia, Adamin; 2. W gminie Dąbie miejscowości: Tarnówka Wiesiołowska, Baranowiec, Tarnówka, Zalesie	From 6.2.2020 until 14.2.2020
W województwie wielkopolskim, w powiecie kolskim:	
1. W gminie Koło miejscowość: Przybyłów, Skobelice; 2. W gminie Olszówka miejscowości: Zawadka, Krzewata, Przybyszew, Nowa Wioska, Grabina, Dębowiczki, Mniewo, Ponętów Górny Pierwszy, Ponętów Górny Drugi, Szczepanów, Tomaszew, Głębokie, Olszówka, Umień, Żłota; 3. W gminie Kłodawa miejscowości: Górki, Podgajew, 4. W gminie Dąbie miejscowości: Rośle, Lisice, Krzewo, Karszew, Kupinin, Wiesiołów, Domanin, Cichmiana, Chruścin, Augustynów, Krzykosy, Bród, Lutomirów, Gaj, Rzuchów, Majdany, Ladorudz, Grabina Mała, Chełmno Parcele, Chełmno, Grabina Wielka, Sobótka, Dąbie; 5. W gminie Grzegorzew miejscowości: Ladorudzek, Ponętów Dolny, Grodna, Tarnówka;	14.2.2020
W województwie wielkopolskim, w powiecie szamotulskim:	
W gminie Ostroróg miejscowości: Zapust, Wielonek, Klemensowo, Rudki Huby, Ostroróg	From 16.2.2020 until 25.2.2020.
W województwie wielkopolskim, w powiecie szamotulskim:	
1. W gminie Kazmierz miejscowości: Sokolniki Wielkie, Sokolniki Małe, Wierzchaczewo; 2. W gminie Ostroróg miejscowości: Bobulczyn, Oporowo, Kluczewo, Kluczewo Huby, Szczepankowo, Karolewo, Rudki, Piaskowo, Forestowo, Bielejewo, Binino, Dobrojewo; 3. W gminie Obrzycko miejscowości: Gaj Mały, Karolin, Pęckowo, Ordzin, Koźmin, Dobrogostowo, Lizbona; 4. W gminie Pniewy miejscowości: Przystanki, Dębina, Buszewko, Buszewo, Dęborzyce, Mielno, Szymanowo, Zajączkowo, Psarski, Nojewo, Psarki, Nosalewo 5. W gminie Wronki miejscowości: Samołęż, Nowa Wieś, Huby Oporowo, Marianowo, Wierzchocin, Głuchowo 6. W gminie Szamotuły miejscowości: Czyściec, Krzeszkowice, Kamionka, Otorowo, Lipnickie Huby, Lipnica, Brodziszewo, Emilianowo, Gałowo, Jastrowo, Ostrolesie, Koźle, Śmiłowo, Szamotuły	25.2.2020
W województwie wielkopolskim, w powiecie międzychodzkiem	
W gminie Chrzypsko Wielkie miejscowość Orle Wielkie	25.2.2020
W województwie wielkopolskim w powiecie wolsztyńskim:	
W gminie Wolsztyn miejscowości: Berzyna, Stary Widzim Piekiełko, Adamowo Piekiełko, Kębłowo Kolonia, część miejscowości Niałek Wielki położona na południe od drogi nr 32	From 21.2.2020 until 29.2.2020
W województwie wielkopolskim w powiatach wolsztyńskim i grodziskim:	
W powiecie wolsztyńskim:	
1. W gminie Wolsztyn miejscowości: Stary Widzim, Świętno, Stradyń, Obra, Wroniawy, Stara Dąbrowa, Adamowo, Gościeszyn, Błocko, Tłoki, Wolsztyn, Karpicko, Nowe Tłoki, Chorzemin, Powodowo, Nowa Obra, Nowa Dąbrowa, Krutla, Nowy Młyn, Zdrogowo, Świętno, część miejscowości Niałek Wielki położona na północ od drogi nr 32; 2. W gminie Przemęt miejscowości: Solec, Solec Nowy, Mochy; 3. W gminie Siedlec miejscowości: Jaromierz, Jażyniec, Kielkowo, Żodyń, Siedlec, Kielpiny Kolonia	29.2.2020

Area comprising:	Date until applicable in accordance with Article 31 of Directive 2005/94/EC
<p>W powiecie grodziskim: W gminie Rakoniewice miejscowości: Głodno, Cegielsko Adolfowo, Łąkie, część miejscowości Rostarzewo położona na zachód od ulic Topolowej i Ogrodowej</p>	
W województwie lubuskim w powiecie zielonogórskim	
W gminie Kargowa miejscowości: Obra Dolna, Nowy Jaromierz	29.2.2020
W województwie łódzkim, w powiatach łęczyckim, poddębickim:	
<ol style="list-style-type: none"> 1. W powiecie łęczyckim w gminie Świnice Warckie miejscowości: Chęciny, Chorzeplin, Chorzepinek, Chorzepinek, Chwałborzyce, Góry Chwałborskie, Hektary, Kaznów, Kaznówek, Kozanki Podleśne, Kraski, Miniszew, Odrada, Polusin, Wyganów, Wylazłów, Zbylczyce; 2. W powiecie łęczyckim w gminie Grabów miejscowości: Besiekiery, Besiekiery-Kolonia, Biała Góra, Bugaj, Bujak, Byszew, Byszew-Parcele, Celinów, Ciasna, Goszczędza, Goszczędza-Parcele, Grabinka, Grabów-Cegielnia, Grabów-Dwór, Jamy, Janów, Jastrzębia, Kadzidłowa, Kadzidłowa-Adamów, Kadzidłowa-Borki, Kadzidłowa-Brzezinka, Kadzidłowa-Grabinka, Kadzidłowa-Karolewo, Kępina, Kobyle, Kontrowers, Kotowice, Leszno, Osiny, Ostrówek, Ostrówek-Kolonia, Pieczew, Pieczew Poduchowny, Pokrzywnia, Polamy, Probostwo, Pruchyniec, Rybnik, Smardzew, Smardzew-Osada, Stanisławki, Zachciałki, Żrebięta; 3. W powiecie poddębickim w gminie Uniejów miejscowości: Brzozówka, Czepów, Czepów Górny, Czepów Średni, Grodzisko, Jaszczurów, Kozia nóżka, Lekaszyn, Osina, Roźniatów, Roźniatów-Kolonia, Sachalina, Skotniki, Wilamów, Wilamówka, Żabieniec 	14.2.2020
W województwie zachodniopomorskim w powiecie myśliborskim:	
<ol style="list-style-type: none"> 1. W gminie Myślibórz miejscowości: Rościn, Rościnko, Rokicienko, Gryżyno, Dąbrowa-osada, Nawrocko, Iłowo, Wrzelewo, Pszczelnik; 2. W gminie Dębno miejscowość: Junczewo 	From 9.2.2020 until 17.2.2020
W województwie zachodniopomorskim w powiatach myśliborskim i gryfińskim:	
<ol style="list-style-type: none"> 1. W powiecie myśliborskim w gminie Myślibórz miejscowości: Wierzbica, Myślibórz, Myśliborzyce, Kolonia Myśliborzyce, Klicko, Dąbrowa, Zgoda, Sobienice, Listomie, Kruszwin, Golenice, Jezierzycy, Pacynowo, Straszym, Golenicki Młyn, Pniów, Chłopowo, Dalsze, Golczew, Podłążek, Wierzbówek, Pluty, Płośno, Turzyniec, Mirawno, Zarzece, Jarużyn, Nawojczyn, Czerników, Sarbinowo, Mączlino, Utonie, Chłopówko, 2. W powiecie myśliborskim w gminie Dębno miejscowości: Dolsk, Borne, Turze, Różańsko, Ostrowiec, Dyszno, Warnice, Krężelin, Borówno, Przyłaszczka, Grzybno, Piołunek, Radzicz, Sulisław; 3. W powiecie gryfińskim w gminie Trzcіńsko-Zdrój: Piaseczno, Stołeczna, Tchórzno, Dobropole, Wesoła, Babin 	17.2.2020
W województwie lubuskim w powiecie gorzowskim:	
W gminie Lubiszyn miejscowości: Mystki, Smoliny, Staw, Podlesie, Zacisze, Gajewo	17.2.2020
W województwie dolnośląskim w powiatach legnickim i złotoryjskim:	
<ol style="list-style-type: none"> 1. W powiecie legnickim w gminie Chojnów miejscowości: Strupice, Budziwojów, Dzwonów, Gołocin, Pawlikowice; 2. W powiecie złotoryjskim w gminie Zagrodno miejscowość: Brochocin; 3. W powiecie złotoryjskim w gminie Złotoryja miejscowości: Podolany, Kolonia Kwiatów m. Lubiatów, 	From 10.2.2020 until 18.2.2020
<ol style="list-style-type: none"> 1. W powiecie legnickim miasto Chojnów, 2. W powiecie legnickim w gminie Chojnów miejscowości: Biała, Dobroszów, Goliszów, Gołaczów, Jerzmanowice, Konradówka, Michów, Niedźwiedzice, Osetnica, Piotrowice, 3. w powiecie legnickim w gminie Miłkowice miejscowości: Goślinów, Gniewomirowice, Jezierzany, Miłkowice, Siedliska, Studnica, Ulesie, 	18.2.2020

Area comprising:	Date until applicable in accordance with Article 31 of Directive 2005/94/EC
4. W powiecie legnickim w gminie Krotoszyce miejscowości: Czerwony Kościół, Jaszków, Krotoszyce, Pawłowice Małe, Szymanowice, Wilczyce, 5. W powiecie złotoryjskim w gminie Zagrodno miejscowości: Jadwisin, Łukaszów, Modlikowice, Wojciechów, Zagrodno, 6. W powiecie złotoryjskim w gminie Złotoryja miejscowości: Brennik, Ernestynów, Gierałowiec, Kopacz, Kozów, Lubiatów bez kolonii Kwiatów, Nowa Wieś Złotoryjska, Pyskowice, Rokitnica, Rzymówka, Wyskok, Wysocko.	
W województwie warmińsko – mazurskim w powiecie iławskim	
W gminie Zalewo miejscowości: Rąbity, Międzychód, Zatyki, Surbajny, Koziny, Kupin, Rudnia	From 21.2.2020 until 29.2.2020
W województwie warmińsko – mazurskim w powiatach iławskim, ostródzkim:	
Powiat iławski: W gminie Zalewo miejscowości: Karpowo, Śliwa, Dajny, Barty, Pozorty, Girgajny, Mazanki, Janiki Wielkie, Janiki Małe, Jaśkowo, Wielowieś, Boreczno, Duba, Mozgowo, Huta Wielka, Skitławki, Urowo, Gubławki, Wieprz, Matyty, Polajny, Jerzwałd, Rucewo, Kiemiany, Dobrzyki, Witoszewo, Gajdy, Półwieś, Zalewo, Bajdy, Sadławki, Bądky, Bednarzówka, Brzeziniak, Jezierce, Bukowiec, Likszajny, Tarpno, Nowe Chmielówko Powiat ostródzki: 1. W gminie Małdyty miejscowości: Wielki Dwór, Jarnołtowo, Fiugajki, Drynki, Pleśno, Leszczyńska Mała, Linki, Klonowy Dwór, Płękity, Smolno, Kanty, Bagnity, Wodziany, Surzyki Małe, Surzyki Wielkie; 2. W gminie Miłomłyn miejscowości: Skarpa, Ligi	29.2.2020
W województwie pomorskim w powiecie sztumskim:	
W gminie Stary Dzierzgoń od granicy województwa pomorskiego wzdłuż drogi łączącej miejscowości Bajdy-Przeźmark do miejscowości Przeźmark, następnie po drugiej stronie drogi wojewódzkiej 519 wzdłuż jeziora Motława Wielka do miejscowości Danielówka, dalej drogą leśną do jeziora Witoszewskiego w województwie warmińsko-mazurskim.	29.2.2020
W województwie śląskim w powiecie raciborskim:	
W gminie Kuźnia Raciborska, miejscowości: Ruda Kozielska, część miejscowości Rudy położona na zachód od drogi nr 919	From 21.2.2020 until 29.2.2020
W województwie śląskim w powiatach raciborskim, rybnickim, gliwickim, w powiecie miejskim Rybnik:	
W powiecie raciborskim: 1. W gminie Kuźnia Raciborska miejscowości: Kuźnia Raciborska, Jankowice, Siedliska, część miejscowości Budziska położona na wschód od ulic Leśnej, Szkolnej, Głównej i Fabrycznej, część miejscowości Rudy położona na wschód od drogi nr 919; 2. W gminie Nędza, miejscowości: Szymocice, Górki Śląskie, część miejscowości Nędza położona na wschód od linii kolejowej łączącej miejscowości Racibórz – Kędzierzyn Koźle; W powiecie rybnickim: 1. W gminie Lyski miejscowości: Bogunice, Zwonowice, Sumina, część miejscowości Adamowice położona na północ od ulic: Jana III Sobieskiego, Rybnickiej i Rolnej, Nowa Wieś, część miejscowości Lyski położona na północ od strugi Sumina; W powiecie miejskim Rybnik dzielnice: Stodoły, Grabownia, Chwałęcice, Ochojec na zachód od drogi nr 78; W powiecie gliwickim: 1. W gminie Sośnicowice miejscowości: Tworóg Mały, Trachy, Bargłówka, część miejscowości Sierakowice położona na zachód od ulicy Sierakowskiej na terenach leśnych oraz ulicy Długiej, część miejscowości Smolnica położona na zachód od ulicy Łęgowskiej;	29.2.2020

Area comprising:	Date until applicable in accordance with Article 31 of Directive 2005/94/EC
2. W gminie Pilchowice miejscowości: Stanica, część miejscowości Leboszowice położona na zachód od ulic: Smolnickiej i Wiejskiej, część miejscowości Pilchowice na zachód od ulic: Leboszowskiej, Wielopole, Dworcowej oraz ulicy Dolna Wieś, część miejscowości Wilcza położona na północny-zachód od drogi nr 78	
W województwie opolskim w powiecie kędzierzyńsko-kozielskim:	
W gminie Bierawa miejscowości: Solarnia, Kotlarnia, Goszyce, Dziergowice	29.2.2020

Member State: Romania

Area comprising:	Date until applicable in accordance with Article 31 of Directive 2005/94/EC
Județul Maramureș	
Oraș Seini Oraș Seini - localitatea Săbișa	From 14.2.2020 until 22.2.2020
Comuna Cicârlău- Localitatea Cicârlău Comuna Cicârlău - Localitatea Bârgău Comuna Cicârlău - Localitatea Handalu Ilbei Comuna Cicârlău - Localitatea Ilba Oraș Seini- Localitatea Viile Apei Comuna Ardușat- Localitatea Ardușat	22.2.2020
Județul Satu Mare	
Comuna Pomi, localitatea Pomi	From 14.2.2020 until 22.2.2020
Comuna Orașu Nou- Localitatea Orașu Nou Vii Comuna Orașu Nou- Localitatea Racșa Vii Comuna Pomi- Localitatea Aciu Comuna Pomi- Localitatea Bicău Comuna Pomi- Localitatea Borlești Comuna Apa- Localitatea Apa Comuna Apa- Localitatea Someșeni Comuna Crucișor- Localitatea Crucișor Comuna Crucișor- Localitatea Iegheriște Comuna Valea Vinului- Localitatea Valea Vinului Comuna Valea Vinului- Localitatea Roșiori Comuna Medieșu Aurit- Localitatea Medieș Râturi Comuna Medieșu Aurit-Localitatea Medieș Vii Comuna Orașu Nou- Racșa	22.2.2020
Județul Bihor	
Comuna Diosig – Localitatea Diosig	17.2.2020'

ACTS ADOPTED BY BODIES CREATED BY INTERNATIONAL AGREEMENTS

Only the original UN/ECE texts have legal effect under international public law. The status and date of entry into force of this Regulation should be checked in the latest version of the UN/ECE status document TRANS/WP.29/343, available at: <http://www.unece.org/trans/main/wp29/wp29wgs/wp29-gen/wp29fdocstts.html>

UN Regulation No 126 – Uniform provisions concerning the approval of partitioning systems to protect passengers against displaced luggage, supplied as non-original vehicle equipment [2020/176]

Date of entry into force: 9 November 2007

CONTENTS

REGULATION

1. Scope
2. Definitions
3. Application for approval
4. Markings
5. Approval
6. Requirements
7. Conformity of production
8. Penalties for non-conformity of production
9. Modifications of the type of partitioning system
10. Production definitely discontinued
11. Instructions for use
12. Names and addresses of Technical Services responsible for conducting approval tests and of Type Approval Authorities

ANNEXES

1. Communication
2. Arrangements of approval marks
3. Test procedure for devices intended to protect the occupants against displacement of luggage

Appendix 1 – Sled deceleration corridor as a function of time

Appendix 2 – Position of type 1 and type 2 test blocks in relation to the test frame

Appendix 3 – Position of the plane of maximum partitioning system deflection

4. Example of an apparatus to test the strength of partitioning systems

1. SCOPE

This Regulation applies to devices intended to protect the occupants from the danger resulting from the displacement of luggage into the vehicle seating areas in a frontal impact, of vehicles of category M₁ ⁽¹⁾, supplied as non-original vehicle equipment.

2. DEFINITIONS

For the purposes of this Regulation:

- 2.1. 'Partitioning system' means parts or devices which in addition to the seat backs, are intended to protect occupants from displaced luggage.

⁽¹⁾ As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3.), document ECE/TRANS/WP.29/78/Rev.6, para. 2.

- 2.2. 'Non-original vehicle equipment' means a partitioning system which is not offered by the vehicle manufacturer as standard or optional equipment for the vehicle(s) application(s) prescribed by the partitioning system manufacturer.
 - 2.3. 'Approval of a partitioning system' means the approval of a type of partitioning system with regard to the strength, design and characteristics of the partitioning systems.
 - 2.4. 'Type of partitioning system' means a category of partitioning system which does not differ in such essential respects as:
 - 2.4.1. the structure, shape, dimensions, materials and the mass of the partitioning system, although the system may differ in covering and colour;
 - 2.4.2. the type and dimensions of the adjustment, locking and attachment systems of the partitioning system;
 - 2.4.3. the specific vehicle application(s) prescribed by the applicant for the approval.
 - 2.5. 'Seat' see paragraphs 2.3 and 2.4 of Regulation No 17.
 - 2.6. 'Anchorage' means the system by which the partitioning system is secured to the vehicle structure, including the affected parts of the vehicle structure.
 - 2.7. 'Adjustment system' means the device by which the partitioning system or its parts can be adjusted to a position suited to the installation as recommended by the applicant for the approval in the prescribed vehicle(s) and position(s) within said vehicle(s).
 - 2.8. 'Locking system' means a device ensuring that the partitioning system and its parts are maintained in the position of use.
 - 2.9. 'Intermediate structures' means vehicle components to which the partitioning system is attached to the prescribed vehicle(s) which do not constitute the anchorages.
3. APPLICATION FOR APPROVAL
 - 3.1. The application for approval of a type of partitioning system shall be submitted by the holder of the trade mark or by his duly accredited representative.
 - 3.2. It shall be accompanied by:
 - 3.2.1. A technical description of the partitioning system specifying the fabrics and rigid parts used and accompanied by drawings of the parts making up the partitioning system. The drawings must show the position intended for the approval number and the additional symbol(s) in relation to the circle of the approval mark.

The description shall specify the vehicle type(s) for which the partition system type has applications and the position (s) of attachment within the vehicle(s).
 - 3.2.2. A drawing of the intended partitioning system installation(s) in vehicle type(s) and partitioning system installation position(s) including sufficient dimensions to facilitate the positioning of the test blocks, anchorage points to the vehicle structure, intermediate structures, seats and trim panels as may be required in Annex 3, paragraph 2.
 - 3.2.3. Three samples of the partitioning system type, one of which is for reference purposes.
 - 3.2.4. Samples of materials used in quantities required by the Technical Service conducting the approval tests.
 - 3.2.5. Samples of seats, intermediate structures and trim panels required for the tests prescribed in Annex 3, paragraphs 2.4 and 2.6.
 - 3.2.6. The Technical Service conducting the type-approval tests shall be entitled to request further samples.

4. MARKINGS

The samples of a partition system type submitted for approval in conformity with the provisions of paragraph 3 above shall be clearly and indelibly marked with the manufacturer's name, initials or trade name or mark.

5. APPROVAL

5.1. If the samples of a type of partitioning system which are submitted in conformity with the provisions of paragraph 3 meet the requirements of paragraph 6 below, approval shall be granted.

5.2. An approval number shall be assigned to each type approved. Its first two digits (at present 00, corresponding to the Regulation in its original form) shall indicate the series of amendments incorporating the most recent major technical amendments made to the Regulation at the time of issue of the approval. The same Contracting Party may not assign the same number to another type of partitioning system.

5.3. Notice of approval or of extension or refusal of approval of a type of partitioning system, pursuant to this Regulation, shall be communicated to the Parties to the 1958 Agreement which apply this Regulation by means of a form conforming to the model in Annex 1 to the Regulation.

5.4. There shall be affixed, conspicuously and in a readily accessible place specified on the approval form, to every partitioning system confirming to a type approved under this Regulation, an international approval mark consisting of:

5.4.1. a circle surrounding the letter 'E' followed by the distinguishing number of the country which has granted approval⁽²⁾;

5.4.2. the approval number to the right of the circle prescribed in paragraph 5.4.1.

5.5. The approval mark shall be clearly legible and be indelible.

5.6. The approval mark shall be affixed on the partitioning system by the manufacturer.

5.7. Examples of arrangements of approval marks are given in Annex 2 to this Regulation.

6. REQUIREMENTS

6.1. Tests

The partitioning systems shall be tested in accordance with the test procedures described in Annex 3.

Partitioning systems which according to paragraph 3.2.1 may be used in more than one vehicle or may be used in more than one prescribed position within a specified vehicle must conform to the tests prescribed in Annex 3 in all prescribed vehicles and positions.

6.2. Specifications

6.2.1. Partitioning systems, when tested in accordance with the requirements of paragraph 6.1 must withstand sufficient forces to demonstrate their ability to protect occupants from displaced luggage during frontal impacts.

The requirement is deemed to be met if the forward displacement of the test block or blocks is less than 300 mm beyond the plane Y-Y, shown in Annex 3, Appendix 3, which is perpendicular to the longitudinal axis of the vehicle prescribed installation formed by the rear edge of the seat backs immediately in front of the partitioning system adjusted in accordance with Annex 3, paragraph 2.7, unless the manufacturer can prove to the satisfaction of the Technical Service responsible for conducting the approval tests that forward displacement exceeding 300 mm would not increase the risk of serious injury to occupants during a frontal impact.

The partitioning system should not break away from any of its attachment points. After the test no sharp edges of rigid parts of the partitioning system may be contactable that may lead to injury to vehicle occupants.

⁽²⁾ The distinguishing numbers of the Contracting Parties to the 1958 Agreement are reproduced in Annex 3 to the Consolidated Resolution on the Construction of Vehicles (R.E.3), document ECE/TRANS/WP.29/78/Rev. 6 – <http://www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29resolutions.html>

6.2.2. The assembled partitioning system shall not contain any dangerous roughness or sharp edges likely to increase the risk of serious injury to occupants. Rigid components of the partitioning system or intermediate structures contactable by occupants during an impact with material of greater than 50 Shore A hardness must have surfaces that terminate in rounded edges the radius of curvature being not less than 3,2 mm.

7. CONFORMITY OF PRODUCTION

The conformity of production procedures shall comply with those set out in the Agreement, Appendix 2 (E/ECE/324-E/ECE/TRANS/505/Rev.2), with the following requirements:

7.1. Every partitioning system approved pursuant to this Regulation shall be so manufactured as to conform to the type approved by meeting the requirements set out in paragraph 6 above.

7.2. The Competent Authority which granted type approval may at any time verify the conformity control methods applied for each production unit. The normal frequency of these verifications shall be once a year. The authority may also carry out random checks on serially-manufactured partitioning systems in respect to the requirements set out in paragraph 6 above.

8. PENALTIES FOR NON-CONFORMITY OF PRODUCTION

8.1. The approval granted in respect of a partitioning system type pursuant to this Regulation may be withdrawn if the requirements laid down in paragraph 6 above are not complied with or if the partitioning system fails in the tests prescribed in paragraph 6 above.

8.2. If a Contracting Party to the Agreement applying this Regulation withdraws an approval it has previously granted, it shall forthwith so notify the other Contracting Parties applying this Regulation by means of a communication form conforming to the model in Annex 1 to this Regulation.

9. MODIFICATIONS OF THE TYPE OF PARTITIONING SYSTEM

9.1. Every modification of the type of partitioning system or the vehicle(s) and installation position(s) to which it is applicable shall be notified to the Type Approval Authority which approved the partitioning system type. The authority may then either:

9.1.1. consider that the modifications made are unlikely to have an appreciable adverse effect, and that in any event the partitioning system still complies with the requirements; or

9.1.2. consider that the modifications are sufficiently unimportant for the results specified in paragraph 6 above to be verified by technical information supplied by the manufacturer; or

9.1.3. require a further report from the Technical Service responsible for conducting the tests.

9.2. Confirmation or refusal of approval, specifying the modifications, shall be communicated to the Parties to the Agreement applying this Regulation by means of the procedure laid down in paragraph 5.3 above.

9.3. The Competent Authority issuing the extension of approval shall assign a series number for such an extension and inform thereof the other Parties to the 1958 Agreement applying this Regulation by means of a communication form conforming to the model in Annex 1 to this Regulation.

10. PRODUCTION DEFINITELY DISCONTINUED

If the holder of the approval completely ceases to manufacture a device approved in accordance with this Regulation, he shall so inform the authority which granted the approval. Upon receiving the relevant communication that authority shall inform thereof the other Parties to the 1958 Agreement applying this Regulation by means of a communication form conforming to the model in Annex 1 to this Regulation.

11. INSTRUCTIONS FOR USE

Every partitioning system shall be accompanied by instructions of the following content or kind in the language or languages of the country in which it is to be placed on sale.

- 11.1. Installation instructions which specify for which vehicle type(s) the assembly is suitable and the correct method(s) of attachment(s) of the assembly to the vehicles.
- 11.2. User instructions which specify the instructions to ensure the user obtains the maximum benefit from the partitioning system. In these instructions reference shall be made to:
 - (a) the importance of using the partitioning system on all journeys where luggage is transported;
 - (b) the correct adjustment and positioning of the partitioning system;
 - (c) method of operating any adjustment and/or locking system incorporated in the partitioning system;
 - (d) the recommended placement of luggage and its restraint within the luggage compartment of the vehicle type (s) for which the partitioning system is intended;
 - (e) the need to replace partitioning systems that are damaged.

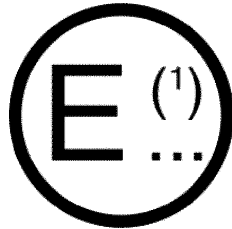
12. NAMES AND ADDRESSES OF TECHNICAL SERVICES RESPONSIBLE FOR CONDUCTING APPROVAL TESTS AND OF TYPE APPROVAL AUTHORITIES

The Contracting Parties to the Agreement applying this Regulation shall communicate to the United Nations Secretariat the names and addresses of the Technical Services responsible for conducting approval tests and of the Type Approval Authorities which grant approval and to which forms certifying approval or extension or refusal or withdrawal of approval, issued in other countries, are to be sent.

ANNEX 1

COMMUNICATION

(maximum format: A4 (210 × 297 mm))



Issued by:

Name of administration:

.....
.....

- concerning ^(?): Approval granted
- Approval extended
- Approval refused
- Approval withdrawn
- Production definitively discontinued

of a type of partitioning system pursuant to Regulation No 126

Approval No: Extension No:

1. Trade name or mark of the partitioning system:
2. Specific for vehicle type(s):
3. Manufacturer's name and address:
4. If applicable, name and address of the manufacturer's representative:
5. Description of the partitioning system:
6. Description of the adjustment and locking system of the partitioning system and of its parts:
7. Description of the position(s) within the vehicle type(s) of the partitioning system:
8. Description of anchorages and anchorage materials supplied with the partitioning system:
9. Partitioning system submitted for approval on:
10. Technical Service responsible for conducting approval tests:
11. Date of report issued by that service:
12. No of report issued by that service:
13. Remarks:
14. Approval is granted/refused/extended/withdrawn ^(?)

⁽¹⁾ Distinguishing number of the country which has granted, extended, refused or withdrawn approval (see approval provisions in the Regulation).
^(?) Strike out which does not apply.

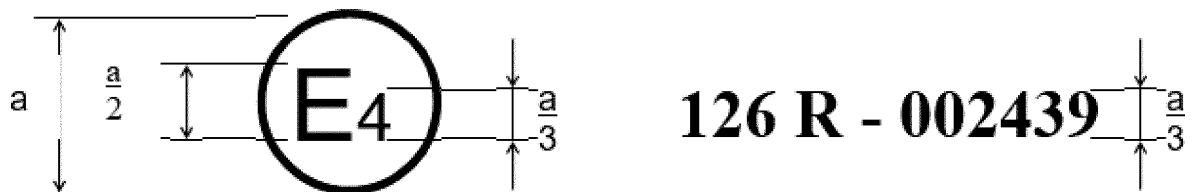
- 15. Reason(s) of extension (if applicable):
- 16. Position of approval mark on the partitioning system:
- 17. Place:
- 18. Date:
- 19. Signature:
- 20. The following documents, bearing the approval number shown above, are annexed to this communication:
 - (a) drawings, diagrams and plans of the partitioning system, its anchorages on the vehicle, the adjustment systems of the partitioning system and its parts, and its locking devices;
 - (b) photographs of the partitioning system, its anchorages, the adjustment systems and its parts, and its locking devices.

ANNEX 2

ARRANGEMENTS OF APPROVAL MARKS

(see paragraph 5.4 of this Regulation)

PARTITIONING SYSTEM



a = 8 mm min.

The above approval mark when affixed to a partitioning system shows that the type of partitioning system concerned, with regard to the strength, has been approved in the Netherlands (E4) pursuant to Regulation No 126, under the approval number 002439. The first two digits of the approval number indicate that the Regulation is not amended.

Note:

The approval number and additional symbol(s) must be placed close to the circle and either above or below the 'E' or to the left or right of that letter. The digits of the approval number must be on the same side of the 'E' and orientated in the same direction. The use of roman numerals as approval numbers should be avoided so as to prevent confusion with other symbols.

ANNEX 3

TEST PROCEDURE FOR DEVICES INTENDED TO PROTECT THE OCCUPANTS AGAINST DISPLACEMENT OF LUGGAGE

1. TEST BLOCKS

Rigid blocks, with the centre of inertia in the geometric centre.

Type 1

Dimensions: 300 mm × 300 mm × 300 mm

All edges and corners rounded to 20 mm

Mass: 18 kg

Type 2

Dimensions: 500 mm × 350 mm × 125 mm

All edges and corners rounded to 20 mm

Mass: 10 kg

2. TEST PREPARATION

- 2.1. The partitioning system must be attached to a rigid frame with the attachment hardware supplied by the manufacturer. The rigid frame must incorporate a rigid horizontal plane 'E' (see Annex 4) which replicates the general level of the vehicle luggage area floor. The attachment points A, B, C and D should replicate the geometry of the intended vehicle anchorage points as specified in paragraph 3.2.2 in the application for approval, measured from the datum plane 'E'.

If there are different installation locations recommended by the applicant for approval, the worst case position has to be chosen in agreement with the Technical Service.

All attachment straps, intermediate structures and hardware, etc. should be fitted in accordance with the instructions of the applicant for the approval.

- 2.2. The effective floor of the test configuration described in paragraph 2.1 should reproduce the level with respect to the anchorage points A, B, C and D so as to correspond with the relationship of the actual vehicle anchorage points and the effective load floor of the proposed installation specified in paragraph 3.2.2 of this Regulation.

- 2.3. Two type 1 test blocks shall be placed on the surface 'E' of the rigid frame.

- 2.3.1. In order to determine the location of the test blocks in the longitudinal direction, they shall first be positioned such that their front side contacts the partitioning system and that their lower surface rest on the horizontal plane 'E' of the rigid frame. They shall then be moved backwards and parallel to the longitudinal median plane of the rigid frame at a horizontal distance of 200 mm. In this position they have to be secured against any backward movement. If in the prescribed vehicle installation described in paragraph 3.2.2 of this Regulation, it would not be possible to move the two type 1 blocks the distance of 200 mm they should be moved to the limit of their travel in the prescribed vehicle installation. The distance between the longitudinal median plane of the rigid frame and the inward facing side of each test block shall be 25 mm to obtain a distance of 50 mm between both test blocks. See Appendix 2 to this annex.

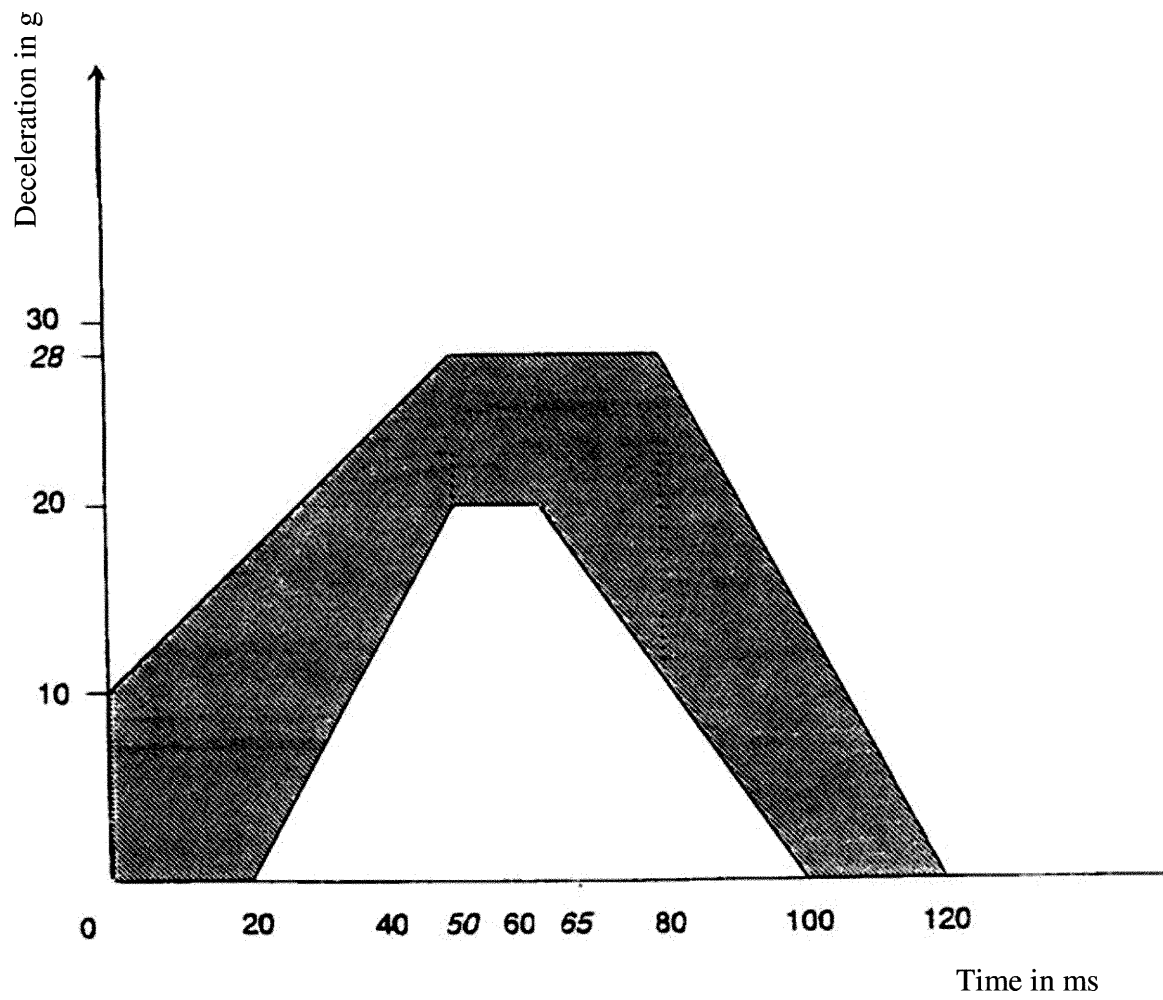
- 2.3.2. Proposed vehicle installations as described in paragraph 3.2.2 of this Regulation behind which the type 1 test blocks cannot be installed are to be tested in their absence.

- 2.3.3. The rigid frame shall be fitted with a fixed raised test floor having a load surface that locates the centre of gravity of a type 2 test block centrally between the top edge of the seat back located directly forward of the partitioning system, (without taking into account the head restraints) and the bottom edge of the head lining, directly above this point (X-X in Annex 3, Appendix 2) as defined in paragraph 3.2.2 of this Regulation. A type 2 test block is to be placed on the raised test floor with its largest surface (500 mm × 350 mm) on the load surface centrally in relationship to the longitudinal axis of the rigid frame and with its surface 500 mm × 125 mm to the front and in direct contact with the partitioning system. Partitioning system installations behind which the type 2 test block cannot be installed are to be tested without its presence. See Appendix 2 to this annex.
- 2.4. If the attachment points of the partitioning system are attached to an intermediate structure in its intended installation position (such as a seatback, side trim, etc.), these interceding components should be attached to the rigid frame with the manufacturer's specified attachment parts.
- 2.5. If the partitioning system, in its prescribed installation within the rigid test frame, has no structure which extends to within 400 mm of the rigid horizontal plane 'E' (Annex 4), the test may be conducted in the absence of the type 1 test blocks.
- 2.6. If vehicle components such as body sheet metalwork, seats, trim panels, etc., will affect the partitioning systems' forward displacement, these components may be attached to the rigid frame prescribed in paragraph 2.1, but should be attached to said frame in the position which most closely represents their vehicle installed position relative to the partitioning system as prescribed in paragraph 3.2.2 of this Regulation at the request of the manufacturer. With the exception of longitudinally adjustable occupant seats, where these positions are adjustable within the vehicle (such as rear seat backs), they must be positioned such as to represent their adjusted position which would offer the lowest influence on partition system forward motion.
- 2.7. Where the forward displacement of the partitioning system is restrained by a longitudinally adjustable seat assembly, these seats, if affixed to the rigid frame prescribed in paragraph 2.1, at the manufacturers request, should be positioned within 10 mm of their lowest, rearmost position and the seat back, if adjustable, should be adjusted to as near as possible to 25°. Head restraints, if fitted, must be adjusted to their lowest position.
3. TEST PERFORMANCE
- The test frame and its attachments prescribed in paragraphs 2.1, 2.2, 2.3.1, 2.3.3, 2.4, 2.6 and 2.7 shall be attached securely to a test sled which shall be decelerated from an initial velocity to standstill such that the sled and its attached frame is subjected to deceleration falling within the bounds of the corridor specified graphically in Appendix 1 to Annex 3.
-

APPENDIX 1

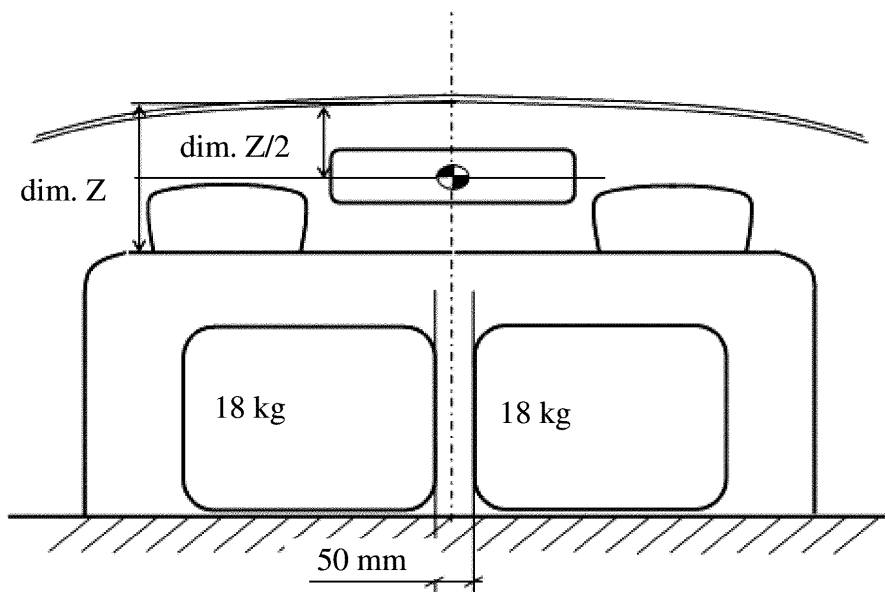
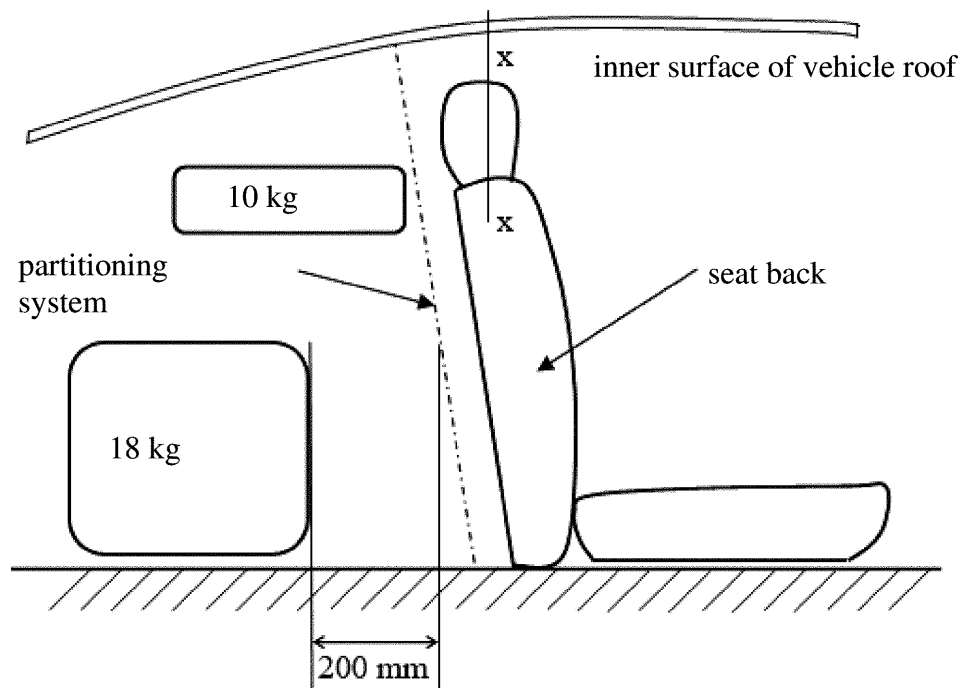
SLED DECELERATION CORRIDOR AS A FUNCTION OF TIME

(Frontal impact)



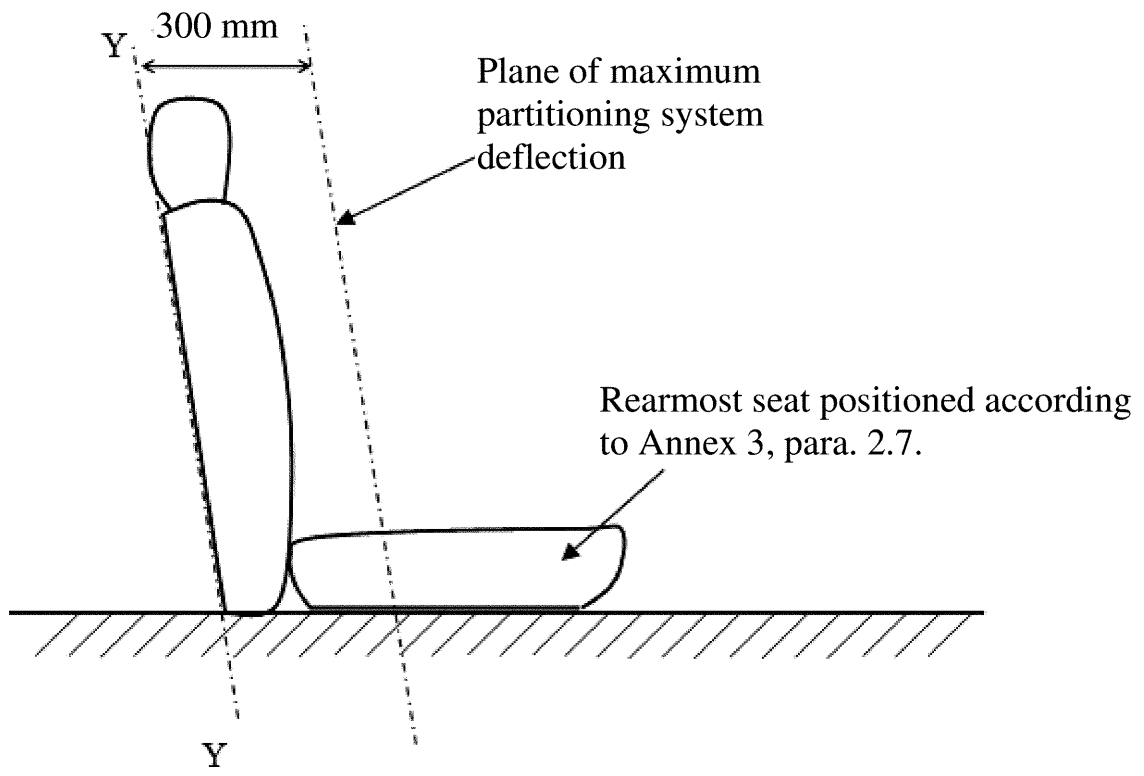
APPENDIX 2

POSITION OF TYPE 1 AND TYPE 2 TEST BLOCKS IN RELATION TO THE TEST FRAME



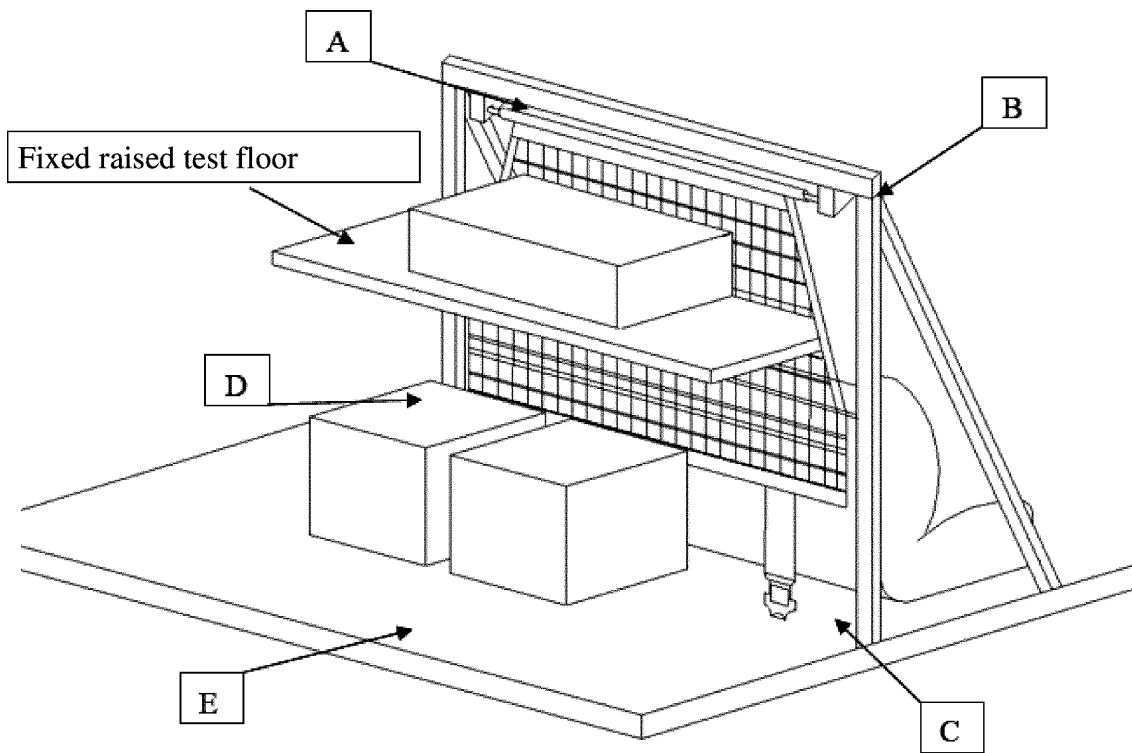
APPENDIX 3

POSITION OF THE PLANE OF MAXIMUM PARTITIONING SYSTEM DEFLECTION



ANNEX 4

EXAMPLE OF AN APPARATUS TO TEST THE STRENGTH OF PARTITIONING SYSTEMS



ISSN 1977-0677 (electronic edition)
ISSN 1725-2555 (paper edition)



Publications Office of the European Union
2985 Luxembourg
LUXEMBOURG

EN