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II

(Non-legislative acts)

REGULATIONS

COMMISSION IMPLEMENTING REGULATION (EU) 2016/1422**of 24 August 2016****amending Council Regulation (EC) No 992/95 as regards Union tariff quotas for certain agricultural and fishery products originating in Norway**

THE EUROPEAN COMMISSION,

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

Having regard to Council Regulation (EC) No 992/95 of 10 April 1995 opening and providing for the administration of Community tariff quotas for certain agricultural and fishery products originating in Norway ⁽¹⁾, and in particular Article 5(1)(a) and (b) thereof,

Whereas:

- (1) By Decision (EU) 2016/837 ⁽²⁾, the Council authorised the signing, on behalf of the European Union, and provisional application of the Agreement between the European Union, Iceland, the Principality of Liechtenstein and the Kingdom of Norway on an EEA Financial Mechanism 2014-2021, the Agreement between the Kingdom of Norway and the European Union on a Norwegian Financial Mechanism for the period 2014-2021, the Additional Protocol to the Agreement between the European Economic Community and the Kingdom of Norway and the Additional Protocol to the Agreement between the European Economic Community and Iceland.
- (2) The text of the Additional Protocol to the Agreement between the European Economic Community and the Kingdom of Norway ('the Additional Protocol') which is attached to Decision (EU) 2016/837 provides for the renewal of seven duty-free tariff quotas that ended on 30 April 2014 and for three new duty-free tariff quotas for release for free circulation in the European Union of certain fish and fishery products originating in Norway.
- (3) In accordance with the Additional Protocol, the volumes of the tariff quotas covering the period from 1 May 2014 until the date on which the provisional application of the Additional Protocol becomes effective shall be proportionally allocated and made available for the period from the date of provisional application of the Additional Protocol until 30 April 2021.
- (4) It is necessary to amend Regulation (EC) No 992/95 in order to implement the tariff quotas laid down in the Additional Protocol.
- (5) The tariff quotas should apply from the date on which the provisional application of the Additional Protocol becomes effective until 30 April 2021. This Regulation should therefore apply from the date of provisional application of the Additional Protocol laid down in Article 3 of Decision (EU) 2016/837.

⁽¹⁾ OJ L 101, 4.5.1995, p. 1.

⁽²⁾ Council Decision (EU) 2016/837 of 21 April 2016 on the signing, on behalf of the European Union, and provisional application of the Agreement between the European Union, Iceland, the Principality of Liechtenstein and the Kingdom of Norway on an EEA Financial Mechanism 2014-2021, the Agreement between the Kingdom of Norway and the European Union on a Norwegian Financial Mechanism for the period 2014-2021, the Additional Protocol to the Agreement between the European Economic Community and the Kingdom of Norway, and the Additional Protocol to the Agreement between the European Economic Community and Iceland (OJ L 141, 28.5.2016, p. 1).

- (6) Regulation (EU) No 1379/2013 of the European Parliament and of the Council ⁽¹⁾ repealed Council Regulation (EC) No 104/2000 ⁽²⁾ and ended the system of reference prices for fishery products. It is therefore necessary to delete the condition laid down in Article 1(2) of Regulation (EC) No 992/95 on respecting reference prices.
- (7) Protocol 3 to the Agreement between the European Economic Community and the Kingdom of Norway defining the concept of originating products and setting out the methods of administrative cooperation has been amended by Decision No 1/2016 of the EU-Norway Joint Committee of 8 February 2016 ⁽³⁾. It is therefore necessary to provide that Protocol 3 as amended is to apply.
- (8) Tariff quotas under order numbers 09.0760, 09.0763 and 09.0778 applied in accordance with the Annex to Council Regulation (EC) No 1920/2004 ⁽⁴⁾ from 2005 to 2009. It is therefore necessary to delete Article 2a of Regulation (EC) No 992/95 referring to those tariff quotas.
- (9) Rules on the management of tariff quotas are laid down in Commission Implementing Regulation (EU) 2015/2447 ⁽⁵⁾ replacing Commission Regulation (EEC) No 2454/93 ⁽⁶⁾ from 1 May 2016. Article 3 of Regulation (EC) No 992/95 should be amended to take account of the new rules.
- (10) The Annex to Regulation (EC) No 992/95 should be amended in order to take account of amendments of the Combined Nomenclature codes ('CN codes') laid down in Council Regulation (EEC) No 2658/87 ⁽⁷⁾, and of the Taric subdivisions. For reasons of clarity it is appropriate to replace the Annex to Regulation (EC) No 992/95 in its entirety.
- (11) The measures provided for in this Regulation are in accordance with the opinion of the Customs Code Committee,

HAS ADOPTED THIS REGULATION:

Article 1

Regulation (EC) No 992/95 is amended as follows:

- (1) Article 1 is amended as follows:

- (a) paragraph 2 is deleted;
- (b) paragraph 3 is replaced by the following:

‘3. Protocol 3 to the Agreement between the European Economic Community and the Kingdom of Norway concerning the definition of the concept of “originating products” and methods of administrative cooperation, as amended by Decision of the EU-Norway Joint Committee No 1/2016, shall apply (*).

(*) Decision of the EU-Norway Joint Committee No 1/2016 of 8 February 2016 amending Protocol 3 to the Agreement between the European Economic Community and the Kingdom of Norway concerning the definition of the concept of “originating products” and methods of administrative cooperation (OJ L 72, 17.3.2016, p. 63).’;

⁽¹⁾ Regulation (EU) No 1379/2013 of the European Parliament and of the Council of 11 December 2013 on the common organisation of the markets in fishery and aquaculture products, amending Council Regulations (EC) No 1184/2006 and (EC) No 1224/2009 and repealing Council Regulation (EC) No 104/2000 (OJ L 354, 28.12.2013, p. 1).

⁽²⁾ Council Regulation (EC) No 104/2000 of 17 December 1999 on the common organisation of the markets in fishery and aquaculture products (OJ L 17, 21.1.2000, p. 22).

⁽³⁾ OJ L 72, 17.3.2016, p. 63.

⁽⁴⁾ Council Regulation (EC) No 1920/2004 of 25 October 2004 amending Regulation (EC) No 992/95 opening and providing for the administration of Community tariff quotas for certain agricultural and fishery products originating in Norway (OJ L 331, 5.11.2004, p. 1).

⁽⁵⁾ Commission Implementing Regulation (EU) 2015/2447 of 24 November 2015 laying down detailed rules for implementing certain provisions of Regulation (EU) No 952/2013 of the European Parliament and of the Council laying down the Union Customs Code (OJ L 343, 29.12.2015, p. 558).

⁽⁶⁾ Commission Regulation (EEC) No 2454/93 of 2 July 1993 laying down provisions for the implementation of Council Regulation (EEC) No 2913/92 establishing the Community Customs Code (OJ L 253, 11.10.1993, p. 1).

⁽⁷⁾ Council Regulation (EEC) No 2658/87 of 23 July 1987 on the tariff and statistical nomenclature and on the Common Customs Tariff (OJ L 256, 7.9.1987, p. 1).

- (2) Article 2a is deleted;
- (3) Article 3 is replaced by the following:

Article 3

The tariff quotas set out in this Regulation shall be managed in accordance with Articles 49 to 54 of Commission Implementing Regulation (EU) 2015/2447 (*).

(*) Commission Implementing Regulation (EU) 2015/2447 of 24 November 2015 laying down detailed rules for implementing certain provisions of Regulation (EU) No 952/2013 of the European Parliament and of the Council laying down the Union Customs Code (OJ L 343, 29.12.2015, p. 558).;

- (4) the Annex is replaced by the text in the Annex to this Regulation.

Article 2

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

It shall apply from 1 September 2016.

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

Done at Brussels, 24 August 2016.

For the Commission
The President
Jean-Claude JUNCKER

ANNEX

‘ANNEX

Notwithstanding the rules for the interpretation of the Combined Nomenclature, the wording for the description of the products is to be considered as having no more than an indicative value, the preferential scheme being determined, within the context of this Annex, by the coverage of the CN codes as they exist at the time of adoption of this Regulation. Where ex CN codes are indicated, the preferential scheme is to be determined by application of the CN code and corresponding description taken together.

Order No	CN code	TARIC subdivision	Description of products	Quota period	Quota volume (in tonnes net weight unless otherwise specified)	Quota duty (%)
09.0701	ex 1504 20 10 ex 1504 30 10	90 99	Oils and fats and their fractions of marine animals, other than whale oil and sperm oil, in packings of a net capacity of more than 1 kg	From 1.1 to 31.12	1 000	8,5
09.0702	0303 19 00		Other frozen <i>Salmonidae</i> , excluding fish fillets and other fish meat of heading 0304 and excluding livers and roes	From 1.9.2016 to 30.4.2017 From 1.5.2017 to 30.4.2018 From 1.5.2018 to 30.4.2019 From 1.5.2019 to 30.4.2020 From 1.5.2020 to 30.4.2021	2 000 3 000 3 000 3 000 3 000	0
09.0703	ex 0305 51 90 ex 0305 59 10	10 20 90	Dried, salted but not smoked cod, excluding cod of the species <i>Gadus macrocephalus</i> Dried, salted but not smoked fish of the species <i>Boreogadus saida</i>	From 1.4 to 31.12	13 250	0
09.0710	0303 51 00		Herrings (<i>Clupea harengus</i> , <i>Clupea palasii</i>), frozen, excluding fish fillets and other fish meat of heading 0304 and excluding livers and roes ⁽¹⁾	From 1.9.2016 to 30.4.2017 From 1.5.2017 to 30.4.2018 From 1.5.2018 to 30.4.2019 From 1.5.2019 to 30.4.2020 From 1.5.2020 to 30.4.2021	26 500 39 750 39 750 39 750 39 750	0

Order No	CN code	TARIC subdivision	Description of products	Quota period	Quota volume (in tonnes net weight unless otherwise specified)	Quota duty (%)
09.0711			Prepared or preserved fish:	From 1.1 to 31.12	400	3
	ex 1604 13 90	91 92 99	Sardinella, brisling or sprats, excluding raw fillets merely coated with batter or breadcrumbs, whether or not pre-fried in oil, deep-frozen			
	1604 17 00		Eels			
	1604 19 92		Cod (<i>Gadus morhua</i> , <i>Gadus ogac</i> , <i>Gadus macrocephalus</i>)			
	ex 1604 19 93	90	Coalfish (<i>Pollachius virens</i>), excluding smoked coalfish			
	1604 19 94		Hake (<i>Merluccius</i> spp., <i>Urophycis</i> spp.)			
	1604 19 95		Alaska pollack (<i>Theragra chalcogramma</i>) and pollack (<i>Pollachius pollachius</i>)			
	1604 19 97		Other			
	ex 1604 20 90	30 35 50 60 90	Other prepared or preserved fish, excluding herring, mackerel and preserved smoked coalfish			
	ex 1604 20 90	40	Prepared or preserved mackerel (<i>Scomber australasicus</i>)			
	09.0712	0303 54 10				Mackerel of the species <i>Scomber scombrus</i> or <i>Scomber japonicus</i> , frozen, excluding fish fillets and other fish meat of heading 0304 and excluding livers and roes
From 1.5.2017 to 30.4.2018				37 500		
From 1.5.2018 to 30.4.2019				37 500		
From 1.5.2019 to 30.4.2020				37 500		
From 1.5.2020 to 30.4.2021				37 500		

Order No	CN code	TARIC subdivision	Description of products	Quota period	Quota volume (in tonnes net weight unless otherwise specified)	Quota duty (%)
09.0713			Frozen, excluding fish fillets and other fish meat of heading 0304 and excluding livers and roes:	From 1.9.2016 to 30.4.2017	2 200	0
	0303 55 30		Chilean jack mackerel (<i>Trachurus murphyi</i>)	From 1.5.2017 to 30.4.2018	3 300	
	ex 0303 55 90	90	Other fish of <i>Trachurus</i> spp., excluding <i>Trachurus trachurus</i> , <i>Trachurus murphyi</i> and horse mackerel (scad) (<i>Caranx trachurus</i>)	From 1.5.2018 to 30.4.2019	3 300	
	0303 56 00		Cobia (<i>Rachycentron canadum</i>)	From 1.5.2019 to 30.4.2020	3 300	
	0303 69 90 0303 89 90		Other fish	From 1.5.2020 to 30.4.2021	3 300	
	0303 82 00		Rays and skates (<i>Rajidae</i>)			
	0303 89 55		Gilt-head sea bream (<i>Sparus aurata</i>)			
09.0714	0304 86 00		Fillets of herring (<i>Clupea harengus</i> , <i>Clupea pallasii</i>), frozen	From 1.9.2016 to 30.4.2017	55 600	0
	ex 0304 99 23	10 20 30	Flaps of herring (<i>Clupea harengus</i> , <i>Clupea pallasii</i>) (butterflies), frozen (²)	From 1.5.2017 to 30.4.2018	83 400	
				From 1.5.2018 to 30.4.2019	83 400	
				From 1.5.2019 to 30.4.2020	83 400	
				From 1.5.2020 to 30.4.2021	83 400	
09.0715	0302 11		Trout (<i>Salmo trutta</i> , <i>Oncorhynchus mykiss</i> , <i>Oncorhynchus clarki</i> , <i>Oncorhynchus aguabonita</i> , <i>Oncorhynchus gilae</i> , <i>Oncorhynchus apache</i> and <i>Oncorhynchus chrysogaster</i>), fresh or chilled, excluding fish fillets and other fish meat of heading 0304 and excluding livers and roes	From 1.1 to 31.12	500	0

Order No	CN code	TARIC subdivision	Description of products	Quota period	Quota volume (in tonnes net weight unless otherwise specified)	Quota duty (%)
	0303 14		Trout (<i>Salmo trutta</i> , <i>Oncorhynchus mykiss</i> , <i>Oncorhynchus clarki</i> , <i>Oncorhynchus aguabonita</i> , <i>Oncorhynchus gilae</i> , <i>Oncorhynchus apache</i> and <i>Oncorhynchus chrysogaster</i>), frozen, excluding fish fillets and other fish meat of heading 0304 and excluding livers and roes			
09.0716	0302 13 00 0302 14 00		Pacific salmon (<i>Oncorhynchus nerka</i> , <i>Oncorhynchus gorbuscha</i> , <i>Oncorhynchus keta</i> , <i>Oncorhynchus tshawytscha</i> , <i>Oncorhynchus kisutch</i> , <i>Oncorhynchus masou</i> and <i>Oncorhynchus rhodurus</i>), Atlantic salmon (<i>Salmo salar</i>) and Danube salmon (<i>Hucho hucho</i>), fresh or chilled, excluding fish fillets and other fish meat of heading 0304 and excluding livers and roes	From 1.1 to 31.12	6 100	0
09.0717	0303 11 00 0303 12 00 ex 0303 13 00	10	Frozen, excluding fish fillets and other fish meat of heading 0304 and excluding livers and roes: Sockeye salmon (red salmon) (<i>Oncorhynchus nerka</i>) Other Pacific salmon (<i>Oncorhynchus gorbuscha</i> , <i>Oncorhynchus keta</i> , <i>Oncorhynchus tshawytscha</i> , <i>Oncorhynchus kisutch</i> , <i>Oncorhynchus masou</i> and <i>Oncorhynchus rhodurus</i>) Atlantic salmon (<i>Salmo salar</i>)	From 1.1 to 31.12	580	0
09.0718	0304 41 00 0304 81 00		Fresh, chilled or frozen fillets of Pacific salmon (<i>Oncorhynchus nerka</i> , <i>Oncorhynchus gorbuscha</i> , <i>Oncorhynchus keta</i> , <i>Oncorhynchus tshawytscha</i> , <i>Oncorhynchus kisutch</i> , <i>Oncorhynchus masou</i> and <i>Oncorhynchus rhodurus</i>), Atlantic salmon (<i>Salmo salar</i>) and Danube salmon (<i>Hucho hucho</i>)	From 1.1 to 31.12	610	0
09.0719	0302 19 00 0303 19 00		Other <i>Salmonidae</i> , fresh or chilled, excluding livers and roes Other frozen <i>Salmonidae</i> , excluding livers and roes	From 1.1 to 31.12	670	0

Order No	CN code	TARIC subdivision	Description of products	Quota period	Quota volume (in tonnes net weight unless otherwise specified)	Quota duty (%)
09.0720	0302 59 40		Ling (<i>Molva</i> spp.), fresh or chilled, excluding livers and roes	From 1.1 to 31.12	370	0
09.0721			Fresh or chilled, excluding fish fillets and other fish meat of heading 0304 and excluding livers and roes:	From 1.1 to 31.12	250	0
	0302 22 00		Plaice (<i>Pleuronectes platessa</i>)			
	0302 23 00		Sole (<i>Solea</i> spp.)			
	0302 29		Megrim (<i>Lepidorhombus</i> spp.) and other flat fish			
	0302 45		Jack and horse mackerel (<i>Trachurus</i> spp.)			
	0302 46 00		Cobia (<i>Rachycentron canadum</i>)			
	0302 47 00		Swordfish (<i>Xiphias gladius</i>)			
	0302 54		Hake (<i>Merluccius</i> spp., <i>Urophycis</i> spp.)			
	ex 0302 56 00	20	Southern blue whiting (<i>Micromesistius australis</i>)			
	0302 59 90		Other fish of the families Bregmacrotidae, Euclichthyidae, Gadidae, Macrouridae, Melanonidae, Merlucciidae, Moridae and Muraenolepididae			
	0302 82 00		Rays and skates (Rajidae)			
	0302 83 00		Toothfish (<i>Dissostichus</i> spp.)			
	0302 84		Sea bass (<i>Dicentrarchus</i> spp.)			
	0302 85 30		Gilt-head sea bream (<i>Sparus aurata</i>)			
	0302 85 90		Other sea bream (Sparidae) excluding of the species <i>Dentex dentex</i> or <i>Pagellus</i> spp.			
	0302 89 50		Monkfish (<i>Lophius</i> spp.)			

Order No	CN code	TARIC subdivi- sion	Description of products	Quota period	Quota volume (in tonnes net weight unless otherwise specified)	Quota duty (%)
	0302 89 60		Pink cusk-eel (<i>Genypterus blacodes</i>)			
	0302 89 90		Other fish			
	0303 34 00		Frozen flat fish, excluding fish fillets and other fish meat of heading 0304 and excluding livers and roes: Turbot (<i>Psetta maxima</i>)			
	0303 39 10		Flounder (<i>Platichthys flesus</i>)			
	0303 39 30		Fish of the genus <i>Rhombosolea</i>			
	0303 39 85		Other flat fish, excluding halibut, plaice, sole, turbot, flounder, fish of the genus <i>Rhombosolea</i> and fish of the species <i>Pelotreis flavilatus</i> or <i>Peltorhamphus novaezelandiae</i>			
09.0722	0304 91 00 0304 94 90 ex 0304 95 ex 0304 99 99	 20 25 30 40 50 65 69 70 90	Frozen meat of: Swordfish (<i>Xiphias gladius</i>) Alaska pollack (<i>Theragra chalcogramma</i>), excluding surimi Fish of the families Bregmacerotidae, Euclichthyidae, Gadidae, Macrouridae, Melanonidae, Merlucciidae, Moridae and Muraenolepididae, other than Alaska pollack (<i>Theragra chalcogramma</i>), excluding surimi of sub-heading 0304 95 10 Other fish, excluding surimi and freshwater fish and excluding mackerel (<i>Scomber scombrus</i> , <i>Scomber australasicus</i> , <i>Scomber japonicus</i>)	From 1.1 to 31.12	500	0
09.0723	0302 41 00 0303 51 00		Herring (<i>Clupea harengus</i> , <i>Clupea pallasii</i>), fresh, chilled or frozen, excluding livers and roes	From 16.6 to 14.2	800	0

Order No	CN code	TARIC subdivision	Description of products	Quota period	Quota volume (in tonnes net weight unless otherwise specified)	Quota duty (%)
09.0724	0302 44 00		Mackerel (<i>Scomber scombrus</i> , <i>Scomber australasicus</i> , <i>Scomber japonicus</i>), fresh or chilled, excluding livers and roes	From 16.6 to 14.2	260	0
09.0725	0303 54 10		Mackerel (<i>Scomber scombrus</i> , <i>Scomber japonicus</i>), frozen, excluding livers and roes	From 16.6 to 14.2	30 600	0
09.0726	0302 89 31 0302 89 39 0303 89 31 0303 89 39		Redfish (<i>Sebastes</i> spp.), fresh, chilled or frozen, excluding livers and roes	From 1.1 to 31.12	130	0
09.0727	0304 31 00 0304 61 00 0304 32 00 0304 62 00 0304 33 00 0304 63 00 0304 39 00 0304 69 00 0304 42 50 0304 82 50 0304 49 10 0304 89 10		Fresh or chilled and frozen fillets of: Tilapia (<i>Oreochromis</i> spp.) Catfish (<i>Pangasius</i> spp., <i>Silurus</i> spp., <i>Clarias</i> spp., <i>Ictalurus</i> spp.) Nile perch (<i>Lates niloticus</i>) Carp (<i>Cyprinus carpio</i> , <i>Carassius carassius</i> , <i>Ctenopharyngodon idellus</i> , <i>Hypophthalmichthys</i> spp., <i>Cirrhinus</i> spp., <i>Mylopharyngodon piceus</i>), eels (<i>Anguilla</i> spp.), and snakeheads (<i>Channa</i> spp.) Trout of the species <i>Oncorhynchus apache</i> or <i>Oncorhynchus chrysogaster</i> Other freshwater fish	From 1.1 to 31.12	110	0
09.0728	0304 44 30		Fresh or chilled fillets of: Coalfish (<i>Pollachius virens</i>)	From 1.1 to 31.12	180	0

Order No	CN code	TARIC subdivision	Description of products	Quota period	Quota volume (in tonnes net weight unless otherwise specified)	Quota duty (%)
	0304 45 00		Swordfish (<i>Xiphias gladius</i>)			
	0304 46 00		Toothfish (<i>Dissostichus</i> spp.)			
	0304 49 50		Redfish (<i>Sebastes</i> spp.)			
	0304 49 90		Other fish			
09.0729	0304 53 00 0304 59 90		Fresh or chilled meat (whether or not minced) of fish of the families Bregmacerothidae, Euclichthyidae, Gadidae, Macrouridae, Melanonidae, Merlucciidae, Moridae and Muraenolepididae and of fish other than freshwater fish	From 1.1 to 31.12	130	0
	0304 59 50		Flaps of herring, fresh or chilled ⁽³⁾			
09.0730			Frozen fillets of:	From 1.1 to 31.12	9 000	0
	0304 71		Cod (<i>Gadus morhua</i> , <i>Gadus ogac</i> , <i>Gadus macrocephalus</i>)			
	0304 72 00		Haddock (<i>Melanogrammus aeglefinus</i>)			
	0304 73 00		Coalfish (<i>Pollachius virens</i>)			
	0304 74		Hake (<i>Merluccius</i> spp., <i>Urophycis</i> spp.)			
	0304 75 00		Alaska pollack (<i>Theragra chalcogramma</i>)			
	0304 79 10		Fish of the species <i>Boreogadus saida</i>			
	0304 79 50		Blue grenadier (<i>Macruronus novaezelandiae</i>)			
	0304 79 90		Other fish			
	0304 83 10		Plaice (<i>Pleuronectes platessa</i>)			
	ex 0304 83 90	10 90	Other flat fish, excluding <i>Limanda aspera</i> , <i>Lepidopsetta bilineata</i> , <i>Pleuronectes quadrituberculatus</i> , <i>Limanda ferruginea</i> , <i>Lepidopsetta polyxystra</i>			

Order No	CN code	TARIC subdivision	Description of products	Quota period	Quota volume (in tonnes net weight unless otherwise specified)	Quota duty (%)
	0304 84 00		Swordfish (<i>Xiphias gladius</i>)			
	0304 85 00		Toothfish (<i>Dissostichus</i> spp.)			
	0304 89 21		Redfish (<i>Sebastes</i> spp.)			
	0304 89 29					
	0304 89 60		Monkfish (<i>Lophius</i> spp.)			
	ex 0304 89 90	10 30 40 50 60 90	Other fish, excluding Ray's bream (<i>Brama</i> spp.)			
09.0731	ex 0305 20 00	11 18 19 21 30 73 75 77 79 99	Livers and roes of fish, dried, salted or in brine, but not smoked	From 1.1 to 31.12	1 900	0
09.0732	0305 41 00		Smoked Pacific salmon (<i>Oncorhynchus nerka</i> , <i>Oncorhynchus gorboscha</i> , <i>Oncorhynchus keta</i> , <i>Oncorhynchus tshawytscha</i> , <i>Oncorhynchus kisutch</i> , <i>Oncorhynchus masou</i> and <i>Oncorhynchus rhodurus</i>), Atlantic salmon (<i>Salmo salar</i>) and Danube salmon (<i>Hucho hucho</i>), including fillets, other than edible fish offal	From 1.1 to 31.12	450	0
09.0733	0305 42 00 0305 43 00 0305 44 0305 49		Smoked fish other than Pacific salmon (<i>Oncorhynchus nerka</i> , <i>Oncorhynchus gorboscha</i> , <i>Oncorhynchus keta</i> , <i>Oncorhynchus tshawytscha</i> , <i>Oncorhynchus kisutch</i> , <i>Oncorhynchus masou</i> and <i>Oncorhynchus rhodurus</i>), Atlantic salmon (<i>Salmo salar</i>) and Danube salmon (<i>Hucho hucho</i>), including fillets, other than edible offal	From 1.1 to 31.12	140	0
	0305 71 10		Smoked shark fins			

Order No	CN code	TARIC subdivision	Description of products	Quota period	Quota volume (in tonnes net weight unless otherwise specified)	Quota duty (%)
09.0734			Fish, salted but not dried or smoked and fish in brine, other than edible fish offal:	From 1.1 to 31.12	250	0
	0305 64 00		Tilapia (<i>Oreochromis</i> spp.), catfish (<i>Pangasius</i> spp., <i>Silurus</i> spp., <i>Clarias</i> spp., <i>Ictalurus</i> spp.), carp (<i>Cyprinus carpio</i> , <i>Carassius carassius</i> , <i>Ctenopharyngodon idellus</i> , <i>Hypophthalmichthys</i> spp., <i>Cirrhinus</i> spp., <i>Mylopharyngodon piceus</i>), eels (<i>Anguilla</i> spp.), Nile perch (<i>Lates niloticus</i>) and snakeheads (<i>Channa</i> spp.)			
	ex 0305 69 80	20 30 40 50 61 64 65 67 90	Other fish, excluding lesser or Greenland halibut (<i>Reinhardtius hippoglossoides</i>), and Pacific halibut (<i>Hippoglossus stenolepis</i>)			
	0305 71 90		Shark fins not smoked			
09.0735	0305 61 00		Herring (<i>Clupea harengus</i> , <i>Clupea pallasii</i>), salted but not dried or smoked and herring in brine, other than edible fish offal	From 1.1 to 31.12	1 440	0
09.0736	0306 15 90		Frozen Norway lobsters (<i>Nephrops norvegicus</i>), other than smoked	From 1.1 to 31.12	950	0
	0306 16 99 0306 17 93		Frozen Pandalidae shrimps, other than smoked			
09.0737	ex 0306 26 90	95	Pandalidae shrimps, not frozen boiled on board, other than smoked	From 1.1 to 31.12	800	0
	ex 0306 27 91	91				
09.0738	0306 25 90		Norway lobsters (<i>Nephrops norvegicus</i>), not frozen, other than smoked	From 1.1 to 31.12	900	0

Order No	CN code	TARIC subdivision	Description of products	Quota period	Quota volume (in tonnes net weight unless otherwise specified)	Quota duty (%)
	ex 0306 26 90	12 14 20 92 93 96	Pandalidae shrimps, not frozen, other than smoked, for processing ⁽⁴⁾			
	ex 0306 27 91	11 95				
09.0739	1604 11 00		Prepared or preserved salmon, whole or in pieces, but not minced	From 1.1 to 31.12	170	0
09.0740	1604 12 91 1604 12 99		Prepared or preserved herring, whole or in pieces, but not minced	From 1.1 to 31.12	3 000	0
09.0741	1604 13 90		Prepared or preserved sardinella and brisling or sprats, whole or in pieces, but not minced	From 1.1 to 31.12	180	0
09.0742	1604 15 11 1604 15 19		Prepared or preserved mackerel of the species <i>Scomber scombrus</i> and <i>Scomber japonicus</i> , whole or in pieces, but not minced	From 1.1 to 31.12	130	0
09.0743	1604 17 00 1604 19 92 1604 19 93 1604 19 94 1604 19 95 1604 19 97 1604 20 90		Prepared or preserved fish, whole or in pieces, but not minced: Eels Cod (<i>Gadus morhua</i> , <i>Gadus ogac</i> , <i>Gadus macrocephalus</i>) Coalfish (<i>Pollachius virens</i>) Hake (<i>Merluccius</i> spp., <i>Urophycis</i> spp.) Alaska pollack (<i>Theragra chalcogramma</i>) and pollack (<i>Pollachius pollachius</i>) Other Prepared or preserved meat of other fish	From 1.1 to 31.12	5 500	0

Order No	CN code	TARIC subdivision	Description of products	Quota period	Quota volume (in tonnes net weight unless otherwise specified)	Quota duty (%)
09.0744	1604 20 10		Prepared or preserved salmon meat	From 1.1 to 31.12	300	0
09.0745	ex 1605 21 10	20	Shrimps and prawns, prepared or preserved, peeled and frozen	From 1.1. to 31.12	8 000	0
		40				
		50				
		91				
	ex 1605 21 90	20				
		40				
		57				
		60				
		91				
	ex 1605 29 00	20				
		40				
		45				
		91				
09.0746	ex 1605 21 10	30	Shrimps and prawns, prepared or preserved, other than peeled and frozen	From 1.1 to 31.12	1 000	0
		96				
		99				
	ex 1605 21 90	30				
		45				
		49				
		55				
		58				
		62				
		65				
		96				
		99				
	ex 1605 29 00	30				
		50				
		55				
		60				
		96				
		99				
09.0748	1605 10 00		Prepared or preserved crab	From 1.1 to 31.12	50	0

Order No	CN code	TARIC subdivi- sion	Description of products	Quota period	Quota volume (in tonnes net weight unless otherwise specified)	Quota duty (%)		
09.0749	ex 1605 21 10	20	Shrimps and prawns, prepared or preserved, peeled and frozen	From 1.9.2016 to 30.4.2017	7 000	0		
		40						
		50						
		91						
	ex 1605 21 90	20		From 1.5.2017 to 30.4.2018	10 500			
		40						
		57						
		60						
		91						
	ex 1605 29 00	20		From 1.5.2018 to 30.4.2019	10 500			
		40						
		45		From 1.5.2019 to 30.4.2020	10 500			
		91					From 1.5.2020 to 30.4.2021	10 500
		09.0750		ex 1604 12 91	11 91		Herring, spiced and/or vinegar-cured, in brine	From 1.9.2016 to 30.4.2017
ex 1604 12 99	11 19		From 1.5.2017 to 30.4.2018			17 100 tonnes net drained weight		
				From 1.5.2018 to 30.4.2019	17 100 tonnes net drained weight			
								From 1.5.2019 to 30.4.2020
From 1.5.2020 to 30.4.2021	17 100 tonnes net drained weight							
09.0751	ex 0704 10 00	90	Cauliflowers, fresh or chilled	From 1.8 to 31.10	2 000	0		
09.0752	0303 51 00		Herrings (<i>Clupea harengus</i> , <i>Clupea pal- lasii</i>), frozen, excluding fish fillets and other fish meat of heading 0304 and excluding livers and roes	From 1.1 to 31.12	44 000	0		
09.0756	0304 86 00		Fillets of herrings (<i>Clupea harengus</i> , <i>Clupea pallasii</i>), frozen	From 1.1 to 31.12	67 000	0		

Order No	CN code	TARIC subdivision	Description of products	Quota period	Quota volume (in tonnes net weight unless otherwise specified)	Quota duty (%)
	ex 0304 99 23	10 20 30	Flaps of herrings (butterflies) (<i>Clupea harengus</i> , <i>Clupea pallasii</i>), frozen			
09.0757	0809 21 00 0809 29 00		Cherries, fresh	From 16.7 to 31.8	900	0 ⁽⁵⁾
09.0759	0809 40 05		Plums, fresh	From 1.9 to 15.10	600	0 ⁽⁵⁾
09.0761	0810 10 00		Strawberries, fresh	From 9.6 to 31.7	900	0
09.0762	0810 10 00		Strawberries, fresh	From 1.8 to 15.9	900	0
09.0776	1504 20 10		Solid fractions of fats and oils of fish, other than liver oils	From 1.1 to 31.12	384	0
09.0782	0210		Meat and edible meat offal, salted, in brine, dried or smoked; edible flours and meals of meat or meat offal	From 1.1 to 31.12	200	0
09.0783	0705 11 00		Cabbage lettuce (head lettuce), fresh or chilled	From 1.1 to 31.12	300	0
09.0784	0705 19 00		Other lettuce, fresh or chilled	From 1.1 to 31.12	300	0
09.0786	0602 90 70		Indoor plants: rooted cuttings and young plants, excluding cacti	From 1.1 to 31.12	EUR 544 848	0
09.0787	1601		Sausages and similar products, of meat, meat offal or blood; food preparations based on these products	From 1.1 to 31.12	300	0
09.0815	0810 20 10		Raspberries, fresh	From 1.1 to 31.12	400	0
09.0816	2005 20 20		Thin slices of potatoes, fried or baked, whether or not salted or flavoured, in airtight packings, suitable for immediate consumption	From 1.1 to 31.12	200	0

Order No	CN code	TARIC subdivi-sion	Description of products	Quota period	Quota volume (in tonnes net weight unless otherwise specified)	Quota duty (%)
09.0817	2309 10 13		Dog or cat food put up for retail sale	From 1.1 to 31.12	13 000	0
	2309 10 15					
	2309 10 19					
	2309 10 33					
	2309 10 39					
	2309 10 51					
	2309 10 53					
	2309 10 59					
	2309 10 70					
	2309 10 90					
09.0818	ex 0304 89 49	10 20	Fillets of mackerel, frozen	From 1.9.2016 to 30.4.2017	11 300	0
	ex 0304 99 99	11	Flaps of mackerel, frozen	From 1.5.2017 to 30.4.2018	16 950	
				From 1.5.2018 to 30.4.2019	16 950	
				From 1.5.2019 to 30.4.2020	16 950	
				From 1.5.2020 to 30.4.2021	16 950	
09.0819	ex 0304 49 90	10	Fillets of herrings (<i>Clupea harengus</i> , <i>Clupea pallasii</i>), fresh or chilled	From 1.9.2016 to 30.4.2017	9 000	0
	0304 59 50		Flaps of herring, fresh or chilled	From 1.5.2017 to 30.4.2018	13 500	
				From 1.5.2018 to 30.4.2019	13 500	
				From 1.5.2019 to 30.4.2020	13 500	
				From 1.5.2020 to 30.4.2021	13 500	
09.0820	0305 10 00		Flours, meals and pellets of fish, fit for human consumption	From 1.9.2016 to 30.4.2017	1 000	0
				From 1.5.2017 to 30.4.2018	1 500	

Order No	CN code	TARIC subdivision	Description of products	Quota period	Quota volume (in tonnes net weight unless otherwise specified)	Quota duty (%)
				From 1.5.2018 to 30.4.2019	1 500	
				From 1.5.2019 to 30.4.2020	1 500	
				From 1.5.2020 to 30.4.2021	1 500	

- (¹) As the most-favoured nation ('MFN') duty is free from 15 February to 15 June, the benefit of the tariff quota shall not be granted to goods declared for release for free circulation during this period.
- (²) As for goods of CN code 0304 99 23, the MFN duty is free from 15 February to 15 June, the benefit of the tariff quota shall not be granted to goods declared for free circulation during this period.
- (³) As for goods of CN code 0304 59 50, the MFN duty is free from 15 February to 15 June, the benefit of the tariff quota shall not be granted to goods declared for free circulation during this period.
- (⁴) Entry under this subheading is subject to the conditions laid down in the relevant provisions of the European Union (see Article 254 of Regulation (EU) No 952/2013 of the European Parliament and of the Council of 9 October 2013 laying down the Union Customs Code (OJ L 269, 10.10.2013, p. 1)).
- (⁵) The specific additional duty shall be applied.'

COMMISSION IMPLEMENTING REGULATION (EU) 2016/1423**of 25 August 2016****renewing approval of the active substance picolinafen in accordance with Regulation (EC) No 1107/2009 of the European Parliament and of the Council concerning the placing of plant protection products on the market, and amending the Annex to Commission Implementing Regulation (EU) No 540/2011****(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 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC ⁽¹⁾, and in particular Article 20(1) thereof,

Whereas:

- (1) The approval of the active substance picolinafen, as set out in Part A of the Annex to Commission Implementing Regulation (EU) No 540/2011 ⁽²⁾, expires on 30 June 2017.
- (2) An application for the renewal of the inclusion of picolinafen in Annex I to Council Directive 91/414/EEC ⁽³⁾ was submitted in accordance with Article 4 of Commission Regulation (EU) No 1141/2010 ⁽⁴⁾ within the time period provided for in that Article.
- (3) The applicant submitted the supplementary dossiers required in accordance with Article 9 of Regulation (EU) No 1141/2010. The application was found to be complete by the rapporteur Member State.
- (4) The rapporteur Member State prepared a renewal assessment report in consultation with the co-rapporteur Member State and submitted it to the European Food Safety Authority (hereinafter 'the Authority') and the Commission on 14 May 2014.
- (5) The Authority communicated the renewal assessment report to the applicant and to the Member States for comments and forwarded the comments received to the Commission. The Authority also made the supplementary summary dossier available to the public.
- (6) On 22 October 2015 the Authority communicated to the Commission its conclusion ⁽⁵⁾ on whether picolinafen can be expected to meet the approval criteria provided for in Article 4 of Regulation (EC) No 1107/2009. The Commission presented the draft review report for picolinafen to the Standing Committee on Plants, Animals, Food and Feed on 29 January 2016.
- (7) It has been established with respect to one or more representative uses of at least one plant protection product containing the active substance that the approval criteria provided for in Article 4 of Regulation (EC) No 1107/2009 are satisfied. Those approval criteria are therefore deemed to be satisfied.

⁽¹⁾ OJ L 309, 24.11.2009, p. 1.

⁽²⁾ Commission Implementing Regulation (EU) No 540/2011 of 25 May 2011 implementing Regulation (EC) No 1107/2009 of the European Parliament and of the Council as regards the list of approved active substances (OJ L 153, 11.6.2011, p. 1).

⁽³⁾ Council Directive 91/414/EEC of 15 July 1991 concerning the placing of plant protection products on the market (OJ L 230, 19.8.1991, p. 1).

⁽⁴⁾ Commission Regulation (EU) No 1141/2010 of 7 December 2010 laying down the procedure for the renewal of the inclusion of a second group of active substances in Annex I to Council Directive 91/414/EEC and establishing the list of those substances (OJ L 322, 8.12.2010, p. 10).

⁽⁵⁾ EFSA Journal 2015; 13(11):4279. Available online: www.efsa.europa.eu

- (8) It is therefore appropriate to renew the approval of picolinafen.
- (9) The risk assessment for the renewal of the approval of picolinafen is based on a limited number of representative uses, which however do not restrict the uses for which plant protection products containing picolinafen may be authorised. It is therefore appropriate not to maintain the restriction to uses as a herbicide.
- (10) In accordance with Article 14(1) of Regulation (EC) No 1107/2009 in conjunction with Article 6 thereof and in the light of current scientific and technical knowledge, it is necessary to include certain conditions.
- (11) In accordance with Article 20(3) of Regulation (EC) No 1107/2009, in conjunction with Article 13(4) thereof, the Annex to Implementing Regulation (EU) No 540/2011 should be amended accordingly.
- (12) Commission Implementing Regulation (EU) 2016/549 ⁽¹⁾ extended the expiry date of picolinafen until 30 June 2017 in order to allow the renewal process to be completed before the expiry of the approval of that substance. However, given that a decision on renewal has already been taken ahead of this extended expiry date, this Regulation should apply from 1 November 2016.
- (13) 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

Renewal of the approval of active substance

The approval of the active substance picolinafen, as specified in Annex I, is renewed subject to the conditions laid down in that Annex.

Article 2

Amendments to Implementing Regulation (EU) No 540/2011

The Annex to Implementing Regulation (EU) No 540/2011 is amended in accordance with Annex II to this Regulation.

Article 3

Entry into force and date of application

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

It shall apply from 1 November 2016.

⁽¹⁾ Commission Implementing Regulation (EU) 2016/549 of 8 April 2016 amending Implementing Regulation (EU) No 540/2011 as regards the extension of the approval periods of the active substances bentazone, cyhalofop butyl, diquat, famoxadone, flumioxazine, DPX KE 459 (flupyrsulfuron-methyl), metalaxyl-M, picolinafen, prosulfuron, pymetrozine, thiabendazole and thifensulfuron-methyl (OJ L 95 9.4.2016, p. 4).

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

Done at Brussels, 25 August 2016.

For the Commission

The President

Jean-Claude JUNCKER

ANNEX I

Common Name, Identification Numbers	IUPAC Name	Purity ⁽¹⁾	Date of approval	Expiration of approval	Specific provisions
Picolinafen CAS No 137641-05-5 CIPAC No 639	4'-fluoro-6-(α,α,α -tri- fluoro-m-tolyloxy)pyri- dine-2-carboxanilide	≥ 980 g/kg	1 November 2016	30 June 2031	For the implementation of the uniform principles, as referred to in Article 29(6) of Regulation (EC) No 1107/2009, the conclusions of the review report on picolinafen, and in particular Appendices I and II thereof, shall be taken into account. In this overall assessment Member States shall pay particular attention to: — the impurities in the technical active substance; — the protection of mammals, especially of large herbivorous mammals; — the protection of non-target terrestrial plants; — the protection of groundwater, when the substance is applied in regions with vulnerable soil and/or climatic conditions; — the protection of aquatic organisms, especially of algae. Conditions of use shall include risk mitigation measures, where appropriate.

⁽¹⁾ Further details on identity and specification of active substance are provided in the review report.

The Annex to Implementing Regulation (EU) No 540/2011 is amended as follows:

- (1) in Part A, entry 38 on picolinafen is deleted;
- (2) in Part B, the following entry is added:

Number	Common Name, Identification Numbers	IUPAC Name	Purity (*)	Date of approval	Expiration of approval	Specific provisions
'103	Picolinafen CAS No 137641-05-5 CIPAC No 639	4'-fluoro-6-(α,α,α -tri- fluoro-m-tolyloxy)pyri- dine-2-carboxanilide	≥ 980 g/kg	1 November 2016	30 June 2031	For the implementation of the uniform principles, as referred to in Article 29(6) of Regulation (EC) No 1107/2009, the conclusions of the review report on picolinafen, and in particular Appendices I and II thereof, shall be taken into account. In this overall assessment Member States shall pay particular attention to: — the impurities in the technical active substance; — the protection of mammals, especially of large herbivorous mammals; — the protection of non-target terrestrial plants; — the protection of groundwater, when the substance is applied in regions with vulnerable soil and/or climatic conditions; — the protection of aquatic organisms, especially to algae. Conditions of use shall include risk mitigation measures, where appropriate.'

(*) Further details on identity and specification of active substance are provided in the review report.

COMMISSION IMPLEMENTING REGULATION (EU) 2016/1424**of 25 August 2016****renewing the approval of the active substance thifensulfuron-methyl in accordance with Regulation (EC) No 1107/2009 of the European Parliament and of the Council concerning the placing of plant protection products on the market, and amending the Annex to Commission Implementing Regulation (EU) No 540/2011****(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 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC ⁽¹⁾, and in particular Article 20(1) thereof,

Whereas:

- (1) The approval of the active substance thifensulfuron-methyl, as set out in Part A of the Annex to Commission Implementing Regulation (EU) No 540/2011 ⁽²⁾, expires on 30 June 2017.
- (2) An application for the renewal of the inclusion of thifensulfuron-methyl in Annex I to Council Directive 91/414/EEC ⁽³⁾ was submitted in accordance with Article 4 of Commission Regulation (EU) No 1141/2010 ⁽⁴⁾ within the time period provided for in that Article.
- (3) The applicant submitted the supplementary dossiers required in accordance with Article 9 of Regulation (EU) No 1141/2010. The application was found to be complete by the rapporteur Member State.
- (4) The rapporteur Member State prepared a renewal assessment report in consultation with the co-rapporteur Member State and submitted it to the European Food Safety Authority (hereinafter 'the Authority') and the Commission on 17 July 2014.
- (5) The Authority communicated the renewal assessment report to the applicant and to the Member States for comments and forwarded the comments received to the Commission. The Authority also made the supplementary summary dossier available to the public.
- (6) On 15 July 2015 the Authority communicated to the Commission its conclusion ⁽⁵⁾ on whether thifensulfuron-methyl can be expected to meet the approval criteria provided for in Article 4 of Regulation (EC) No 1107/2009. The Commission presented the draft review report for thifensulfuron-methyl to the Standing Committee on Plants, Animals, Food and Feed on 8 March 2016.
- (7) It has been established with respect to one or more representative uses of at least one plant protection product containing the active substance that the approval criteria provided for in Article 4 of Regulation (EC) No 1107/2009 are satisfied. Those approval criteria are therefore deemed to be satisfied.

⁽¹⁾ OJ L 309, 24.11.2009, p. 1.

⁽²⁾ Commission Implementing Regulation (EU) No 540/2011 of 25 May 2011 implementing Regulation (EC) No 1107/2009 of the European Parliament and of the Council as regards the list of approved active substances (OJ L 153, 11.6.2011, p. 1).

⁽³⁾ Council Directive 91/414/EEC of 15 July 1991 concerning the placing of plant protection products on the market (OJ L 230, 19.8.1991, p. 1).

⁽⁴⁾ Commission Regulation (EU) No 1141/2010 of 7 December 2010 laying down the procedure for the renewal of the inclusion of a second group of active substances in Annex I to Council Directive 91/414/EEC and establishing the list of those substances (OJ L 322, 8.12.2010, p. 10).

⁽⁵⁾ EFSA Journal 2015; 13(7): 4201. Available online: www.efsa.europa.eu

- (8) It is therefore appropriate to renew the approval of thifensulfuron-methyl.
- (9) The risk assessment for the renewal of the approval of thifensulfuron-methyl is based on a limited number of representative uses, which however do not restrict the uses for which plant protection products containing thifensulfuron-methyl may be authorised. It is therefore appropriate not to maintain the restriction to uses as herbicide.
- (10) In accordance with Article 14(1) of Regulation (EC) No 1107/2009 in conjunction with Article 6 thereof and in the light of current scientific and technical knowledge, it is necessary to include certain conditions. It is, in particular, appropriate to require further confirmatory information.
- (11) In accordance with Article 20(3) of Regulation (EC) No 1107/2009, in conjunction with Article 13(4) thereof, the Annex to Implementing Regulation (EU) No 540/2011 should be amended accordingly.
- (12) Commission Implementing Regulation (EU) 2016/549 ⁽¹⁾ extended the expiry date of thifensulfuron-methyl until 30 June 2017 in order to allow the renewal process to be completed before the expiry of the approval of that substance. However, given that a decision on renewal has been taken ahead of this extended expiry date, this Regulation should apply from 1 November 2016.
- (13) 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

Renewal of the approval of active substance

The approval of the active substance thifensulfuron-methyl, as specified in Annex I, is renewed subject to the conditions laid down in that Annex.

Article 2

Amendments to Implementing Regulation (EU) No 540/2011

The Annex to Implementing Regulation (EU) No 540/2011 is amended in accordance with Annex II to this Regulation.

Article 3

Entry into force and date of application

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

It shall apply from 1 November 2016.

⁽¹⁾ Commission Implementing Regulation (EU) 2016/549 of 8 April 2016 amending Implementing Regulation (EU) No 540/2011 as regards the extension of the approval periods of the active substances bentazone, cyhalofop butyl, diquat, famoxadone, flumioxazine, DPX KE 459 (flupyrsulfuron-methyl), metalaxyl-M, picolinafen, prosulfuron, pymetrozine, thiabendazole and thifensulfuron-methyl (OJ L 95, 9.4.2016, p. 4).

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

Done at Brussels, 25 August 2016.

For the Commission

The President

Jean-Claude JUNKER

ANNEX I

Common Name, Identification Numbers	IUPAC Name	Purity ⁽¹⁾	Date of approval	Expiration of approval	Specific provisions
Thifensulfuron-methyl CAS No 79277-27-3 CIPAC No 452	methyl 3-(4-methoxy-6-methyl-1,3,5-triazin-2-ylcarbamoylsulfamoyl) thiophene-2-carboxylate	≥ 960 g/kg	1 November 2016	31 October 2031	For the implementation of the uniform principles, as referred to in Article 29(6) of Regulation (EC) No 1107/2009, the conclusions of the review report on thifensulfuron-methyl, and in particular Appendices I and II thereof, shall be taken into account. In this overall assessment Member States shall pay particular attention to: — the protection of groundwater; — the protection of non-target plants and aquatic organisms. Conditions of use shall include risk mitigation measures and the obligation to monitor the groundwater, where appropriate. The applicant shall submit to the Commission, the Member States and the Authority confirmatory information as regards: (1) the absence of genotoxicity of metabolites IN-A4098 and its derivative IN-B5528, IN-A5546 and IN-W8268; (2) mechanistic data to rule out an endocrine mediated mode of action for mammary gland tumours; (3) the risk to aquatic organisms from thifensulfuron-methyl and metabolite IN-D8858 and the risk to soil organisms from metabolites IN-JZ789 and 2 acid 3 triuret; (4) the relevance of the metabolites IN-A4098, IN-L9223 and IN-JZ789 if thifensulfuron-methyl is classified as reprotoxic category 2 under Regulation (EC) No 1272/2008 of the European Parliament and of the Council ⁽²⁾ and the risk that those metabolites contaminate groundwater. The applicant shall submit the information requested under point (1) by 31 March 2017, under points (2) and (3) by 30 June 2017 and under point (4) within six months after the notification of the classification decision concerning thifensulfuron-methyl.

⁽¹⁾ Further details on identity and specification of active substance are provided in the review report.

⁽²⁾ Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (OJ L 353, 31.12.2008, p. 1).

The Annex to Implementing Regulation (EU) No 540/2011 is amended as follows:

- (1) in Part A, entry 26 on thifensulfuron-methyl is deleted;
- (2) in Part B, the following entry is added:

Number	Common Name, Identification Numbers	IUPAC Name	Purity (*)	Date of approval	Expiration of approval	Specific provisions
'104	Thifensulfuron-methyl CAS No 79277-27-3 CIPAC No 452	methyl 3-(4-methoxy-6-methyl-1,3,5-triazin-2-ylcarbamoylsulfamoyl)thiophene-2-carboxylate	≥ 960 g/kg	1 November 2016	31 October 2031	For the implementation of the uniform principles, as referred to in Article 29(6) of Regulation (EC) No 1107/2009, the conclusions of the review report on thifensulfuron-methyl, and in particular Appendices I and II thereof, shall be taken into account. In this overall assessment Member States shall pay particular attention to: — the protection of groundwater; — the protection of non-target plants and aquatic organisms. Conditions of use shall include risk mitigation measures and the obligation to monitor the groundwater, where appropriate. The applicant shall submit to the Commission, the Member States and the Authority confirmatory information as regards: (1) the absence of genotoxicity of metabolites IN-A4098 and its derivative IN-B5528, IN-A5546 and IN-W8268; (2) mechanistic data to rule out an endocrine mediated mode of action for mammary gland tumours; (3) the risk to aquatic organisms from thifensulfuron-methyl and metabolite IN-D8858 and the risk to soil organisms from metabolites IN-JZ789 and 2 acid 3 triuret; (4) the relevance of the metabolites IN-A4098, IN-L9223 and IN-JZ789 if thifensulfuron-methyl is classified as reprotoxic category 2 under Regulation (EC) No 1272/2008 and the risk that those metabolites contaminate groundwater. The applicant shall submit the information requested under point (1) by 31 March 2017, under points (2) and (3) by 30 June 2017 and under point (4) within six months after the notification of the classification decision concerning thifensulfuron-methyl.'

(*) Further details on identity and specification of active substance are provided in the review report.

COMMISSION IMPLEMENTING REGULATION (EU) 2016/1425**of 25 August 2016****approving the active substance isofetamid in accordance with Regulation (EC) No 1107/2009 of the European Parliament and of the Council concerning the placing of plant protection products on the market, and amending the Annex to Commission Implementing Regulation (EU) No 540/2011****(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 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC ⁽¹⁾, and in particular Article 13(2) thereof,

Whereas:

- (1) In accordance with Article 7(1) of Regulation (EC) No 1107/2009, Belgium received on 22 January 2013 an application from ISK Biosciences Europe NV for the approval of the active substance isofetamid.
- (2) In accordance with Article 9(3) of that Regulation, Belgium, as rapporteur Member State, notified the applicant, the other Member States, the Commission and the European Food Safety Authority (hereinafter 'the Authority') of the admissibility of the application on 3 April 2013.
- (3) On 3 October 2014, the rapporteur Member State submitted a draft assessment report to the Commission with a copy to the Authority, assessing whether that active substance can be expected to meet the approval criteria provided for in Article 4 of Regulation (EC) No 1107/2009.
- (4) The Authority complied with Article 12(1) of Regulation (EC) No 1107/2009. In accordance with Article 12(3) of Regulation (EC) No 1107/2009, it requested that the applicant supply additional information to the Member States, the Commission and the Authority. The assessment of the additional information by the rapporteur Member State was submitted to the Authority in the format of an updated draft assessment report of 31 August 2015.
- (5) On 28 October 2015, the Authority communicated to the applicant, the Member States and the Commission its conclusion ⁽²⁾ on whether the active substance isofetamid can be expected to meet the approval criteria provided for in Article 4 of Regulation (EC) No 1107/2009. The Authority made its conclusion available to the public.
- (6) On 8 March 2016, the Commission presented to the Standing Committee on Plants, Animals, Food and Feed the review report for isofetamid and a draft Regulation providing that isofetamid is approved.
- (7) The applicant was given the possibility to submit comments on the review report.
- (8) It has been established with respect to one or more representative uses of at least one plant protection product containing the active substance, and in particular the uses which were examined and detailed in the Commission review report, that the approval criteria provided for in Article 4 of Regulation (EC) No 1107/2009 are satisfied.
- (9) In accordance with Article 13(2) of Regulation (EC) No 1107/2009 in conjunction with Article 6 thereof and in the light of current scientific and technical knowledge, it is, however, necessary to include certain conditions and restrictions. It is, in particular, appropriate to require further confirmatory information.

⁽¹⁾ OJ L 309, 24.11.2009, p. 1.

⁽²⁾ EFSA Journal 2015;13(10):4265. Available online: www.efsa.europa.eu

- (10) In accordance with Article 13(4) of Regulation (EC) No 1107/2009, the Annex to Commission Implementing Regulation (EU) No 540/2011 ⁽¹⁾ should be amended accordingly.
- (11) 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

Approval of the active substance

The active substance isofetamid, as specified in Annex I, is approved subject to the conditions laid down in that Annex.

Article 2

Amendment to Implementing Regulation (EU) No 540/2011

The Annex to Implementing Regulation (EU) No 540/2011 is amended in accordance with Annex II to this Regulation.

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, 25 August 2016.

For the Commission
The President
Jean-Claude JUNKER

⁽¹⁾ Commission Implementing Regulation (EU) No 540/2011 of 25 May 2011 implementing Regulation (EC) No 1107/2009 of the European Parliament and of the Council as regards the list of approved active substances (OJ L 153, 11.6.2011, p. 1).

ANNEX I

Common Name, Identification Numbers	IUPAC Name	Purity ⁽¹⁾	Date of approval	Expiration of approval	Specific provisions
Isofetamid CAS No: 875915-78-9 CIPAC No: 972	N-[1,1-dimethyl-2-(4-isopropoxy-o-tolyl)-2-oxoethyl]-3-methylthiophene-2-carboxamide	≥ 950 g/kg	15 September 2016	15 September 2026	For the implementation of the uniform principles as referred to in Article 29(6) of Regulation (EC) No 1107/2009, the conclusions of the review report on isofetamid, and in particular Appendices I and II thereto, shall be taken into account. In this overall assessment Member States shall pay particular attention to the risk to operators, workers and aquatic organisms, in particular fish. Conditions of use shall include risk mitigation measures, where appropriate. The applicant shall submit to the Commission, the Member States and the Authority confirmatory information as regards: (1) the technical specification of the active substance as manufactured (based on commercial scale production) including the relevance of impurities; (2) the compliance of the toxicity and ecotoxicity batches with the confirmed technical specification; (3) the effect of water treatment process chlorination on the nature of residues, including the potential for the formation of chlorinated residues that may be formed from residues present in surface water, when surface water is abstracted for drinking water. The applicant shall submit the information requested under points (1) and (2) by 15 March 2017 and the information requested under point (3) within 2 years after adoption of a guidance document on evaluation of the effect of water treatment processes on the nature of residues present in surface and groundwater.

⁽¹⁾ Further details on identity and specification of active substance are provided in the review report.

In Part B of the Annex to Implementing Regulation (EU) No 540/2011, the following entry is added:

	Common Name, Identification Numbers	IUPAC Name	Purity (*)	Date of approval	Expiration of approval	Specific provisions
'100	Isofetamid CAS No: 875915-78-9 CIPAC No: 972	N-[1,1-dimethyl-2-(4-isopropoxy-o-tolyl)-2-oxoethyl]-3-methylthio- phenyl-2-carboxamide	≥ 950 g/kg	15 September 2016	15 September 2026	For the implementation of the uniform principles as referred to in Article 29(6) of Regulation (EC) No 1107/2009, the conclusions of the review report on isofetamid, and in particular Appendices I and II thereto, shall be taken into account. In this overall assessment Member States shall pay particular attention to the risk to operators, workers and aquatic organisms, in particular fish. Conditions of use shall include risk mitigation measures, where appropriate. The applicant shall submit to the Commission, the Member States and the Authority confirmatory information as regards: (1) the technical specification of the active substance as manufactured (based on commercial scale production) including the relevance of impurities; (2) the compliance of the toxicity and ecotoxicity batches with the confirmed technical specification; (3) the effect of water treatment process chlorination on the nature of residues, including the potential for the formation of chlorinated residues that may be formed from residues present in surface water, when surface water is abstracted for drinking water. The applicant shall submit the information requested under points (1) and (2) by 15 March 2017 and the information requested under point (3) within 2 years after adoption of a guidance document on evaluation of the effect of water treatment processes on the nature of residues present in surface and groundwater.'

(*) Further details on identity and specification of active substance are provided in the review report.

COMMISSION IMPLEMENTING REGULATION (EU) 2016/1426**of 25 August 2016****renewing the approval of the active substance ethofumesate in accordance with Regulation (EC) No 1107/2009 of the European Parliament and of the Council concerning the placing of plant protection products on the market, and amending the Annex to Commission Implementing Regulation (EU) No 540/2011****(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 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC ⁽¹⁾, and in particular Article 20(1) thereof,

Whereas:

- (1) The approval of the active substance ethofumesate, as set out in Part A of the Annex to Commission Implementing Regulation (EU) No 540/2011 ⁽²⁾, expires on 31 July 2017.
- (2) An application for the renewal of the approval of ethofumesate was submitted in accordance with Article 1 of Commission Implementing Regulation (EU) No 844/2012 ⁽³⁾ within the time period provided for in that Article.
- (3) The applicant submitted the supplementary dossiers required in accordance with Article 6 of Implementing Regulation (EU) No 844/2012. The application was found to be complete by the rapporteur Member State.
- (4) The rapporteur Member State prepared a renewal assessment report in consultation with the co-rapporteur Member State and submitted it to the European Food Safety Authority (hereinafter 'the Authority') and the Commission on 28 January 2015.
- (5) The Authority communicated the renewal assessment report to the applicant and to the Member States for comments and forwarded the comments received to the Commission. The Authority also made the supplementary summary dossier available to the public.
- (6) On 18 December 2015 the Authority communicated to the Commission its conclusion ⁽⁴⁾ on whether ethofumesate can be expected to meet the approval criteria provided for in Article 4 of Regulation (EC) No 1107/2009. The Commission presented the draft renewal report for ethofumesate to the Standing Committee on Plants, Animals, Food and Feed on 8 March 2016.
- (7) The applicant was given the possibility to submit comments on the renewal report.
- (8) It has been established with respect to one or more representative uses of at least one plant protection product containing the active substance that the approval criteria provided for in Article 4 of Regulation (EC) No 1107/2009 are satisfied.
- (9) It is therefore appropriate to renew the approval of ethofumesate.

⁽¹⁾ OJ L 309, 24.11.2009, p. 1.

⁽²⁾ Commission Implementing Regulation (EU) No 540/2011 of 25 May 2011 implementing Regulation (EC) No 1107/2009 of the European Parliament and of the Council as regards the list of approved active substances (OJ L 153, 11.6.2011, p. 1).

⁽³⁾ Commission Implementing Regulation (EU) No 844/2012 of 18 September 2012 setting out the provisions necessary for the implementation of the renewal procedure for active substances, as provided for in Regulation (EC) No 1107/2009 of the European Parliament and of the Council concerning the placing of plant protection products on the market (OJ L 252, 19.9.2012, p. 26).

⁽⁴⁾ EFSA Journal 2016;14(1):4374, 141 pp. doi:10.2903/j.efsa.2016.4374.

- (10) The risk assessment for the renewal of the approval of ethofumesate is based on a limited number of representative uses, which however do not restrict the uses for which plant protection products containing ethofumesate may be authorised. It is therefore appropriate not to maintain the restriction to uses as a herbicide.
- (11) In accordance with Article 14(1) of Regulation (EC) No 1107/2009 in conjunction with Article 6 thereof and in the light of current scientific and technical knowledge, it is, however, necessary to include certain conditions and restrictions. It is, in particular, appropriate to set maximum limits for two toxicologically relevant impurities in the active substance as manufactured.
- (12) In accordance with Article 20(3) of Regulation (EC) No 1107/2009, in conjunction with Article 13(4) thereof, the Annex to Implementing Regulation (EU) No 540/2011 should be amended accordingly.
- (13) Commission Implementing Regulation (EU) 2016/950 ⁽¹⁾ extended the expiry date of ethofumesate in order to allow the renewal process to be completed before the expiry of the approval of that substance. However, given that a decision on renewal has been taken ahead of the extended expiry date, this Regulation should apply from 1 November 2016.
- (14) 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

Renewal of the approval of active substance

The approval of the active substance ethofumesate, as specified in Annex I, is renewed subject to the conditions laid down in that Annex.

Article 2

Amendments to Implementing Regulation (EU) No 540/2011

The Annex to Implementing Regulation (EU) No 540/2011 is amended in accordance with Annex II to this Regulation.

Article 3

Entry into force and date of application

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

It shall apply from 1 November 2016.

⁽¹⁾ Commission Implementing Regulation (EU) 2016/950 of 15 June 2016 amending Implementing Regulation (EU) No 540/2011 as regards the extension of the approval periods of the active substances 2,4-DB, beta-cyfluthrin, carfentrazone ethyl, *Coniothyrium minitans* Strain CON/M/91-08 (DSM 9660), cyazofamid, deltamethrin, dimethenamid-P, ethofumesate, fenamidone, flufenacet, flurtamone, foramsulfuron, fosthiazate, imazamox, iodosulfuron, iprodione, isoxaflutole, linuron, maleic hydrazide, mesotrione, oxasulfuron, pendimethalin, picoxystrobin, silthiofam and trifloxystrobin (OJ L 159, 16.6.2016, p. 3).

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

Done at Brussels, 25 August 2016.

For the Commission

The President

Jean-Claude JUNKER

ANNEX I

Common Name, Identification Numbers	IUPAC Name	Purity ⁽¹⁾	Date of approval	Expiration of approval	Specific provisions
Ethofumesate CAS No 26225-79-6 CIPAC No 233	(RS)-2-ethoxy-2,3-dihydro-3,3-dimethylbenzofuran-5-yl methane-sulfonate	≥ 970 g/kg The following impurities are of toxicological concern and must not exceed the following levels in the technical material: — EMS; ethyl methane sulfonate: maximum of 0,1 mg/kg — iBMS; iso-butyl methane sulfonate: maximum of 0,1 mg/kg	1 November 2016	31 October 2031	For the implementation of the uniform principles, as referred to in Article 29(6) of Regulation (EC) No 1107/2009, the conclusions of the renewal report on ethofumesate, and in particular Appendices I and II thereof, shall be taken into account. In this overall assessment Member States shall pay particular attention to: — the risk to aquatic organisms. Conditions of use shall include risk mitigation measures, where appropriate.

⁽¹⁾ Further details on identity and specification of active substance are provided in the review report.

The Annex to Implementing Regulation (EU) No 540/2011 is amended as follows:

- (1) in Part A, entry 29 on ethofumesate is deleted;
- (2) in Part B, the following entry is added:

Number	Common Name, Identification Numbers	IUPAC Name	Purity (*)	Date of approval	Expiration of approval	Specific provisions
'102	Ethofumesate CAS No 26225-79-6 CIPAC No 233	(RS)-2-ethoxy-2,3-dihydro-3,3-dimethylbenzofuran-5-yl methane-sulfonate	≥ 970 g/kg The following impurities are of toxicological concern and must not exceed the following levels in the technical material: — EMS; ethyl methane sulfonate: maximum of 0,1 mg/kg — iBMS; iso-butyl methane sulfonate: maximum of 0,1 mg/kg	1 November 2016	31 October 2031	For the implementation of the uniform principles, as referred to in Article 29(6) of Regulation (EC) No 1107/2009, the conclusions of the renewal report on ethofumesate, and in particular Appendices I and II thereof, shall be taken into account. In this overall assessment Member States shall pay particular attention to: — the risk to aquatic organisms. Conditions of use shall include risk mitigation measures, where appropriate.'

(*) Further details on identity and specification of active substance are provided in the review report.

COMMISSION IMPLEMENTING REGULATION (EU) 2016/1427**of 25 August 2016****establishing the standard import values for determining the entry price of certain fruit and vegetables**

THE EUROPEAN COMMISSION,

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

Having regard to Regulation (EU) No 1308/2013 of the European Parliament and of the Council of 17 December 2013 establishing a common organisation of the markets in agricultural products and repealing Council Regulations (EEC) No 922/72, (EEC) No 234/79, (EC) No 1037/2001 and (EC) No 1234/2007 ⁽¹⁾,

Having regard to Commission Implementing Regulation (EU) No 543/2011 of 7 June 2011 laying down detailed rules for the application of Council Regulation (EC) No 1234/2007 in respect of the fruit and vegetables and processed fruit and vegetables sectors ⁽²⁾, and in particular Article 136(1) thereof,

Whereas:

- (1) Implementing Regulation (EU) No 543/2011 lays down, pursuant to the outcome of the Uruguay Round multilateral trade negotiations, the criteria whereby the Commission fixes the standard values for imports from third countries, in respect of the products and periods stipulated in Annex XVI, Part A thereto.
- (2) The standard import value is calculated each working day, in accordance with Article 136(1) of Implementing Regulation (EU) No 543/2011, taking into account variable daily data. Therefore this Regulation should enter into force on the day of its publication in the *Official Journal of the European Union*,

HAS ADOPTED THIS REGULATION:

Article 1

The standard import values referred to in Article 136 of Implementing Regulation (EU) No 543/2011 are fixed in the Annex to this Regulation.

Article 2

This Regulation shall enter into force on the day 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, 25 August 2016.

*For the Commission,
On behalf of the President,*

*Jerzy PLEWA
Director-General for Agriculture and Rural Development*

⁽¹⁾ OJ L 347, 20.12.2013, p. 671.

⁽²⁾ OJ L 157, 15.6.2011, p. 1.

ANNEX

Standard import values for determining the entry price of certain fruit and vegetables

(EUR/100 kg)		
CN code	Third country code ⁽¹⁾	Standard import value
0702 00 00	AR	186,0
	MA	153,0
	ZZ	169,5
0707 00 05	TR	241,9
	ZZ	241,9
0709 93 10	TR	138,5
	ZZ	138,5
0805 50 10	AR	173,7
	CL	122,5
	MA	95,0
	TR	156,0
	UY	181,2
	ZA	166,6
	ZZ	149,2
0806 10 10	EG	227,1
	TR	133,3
	ZZ	180,2
0808 10 80	AR	147,6
	BR	106,9
	CL	149,1
	CN	160,3
	NZ	150,5
	UY	93,1
	ZA	97,9
	ZZ	129,3
0808 30 90	AR	93,2
	CL	117,6
	TR	147,0
	ZA	110,4
	ZZ	117,1
0809 30 10, 0809 30 90	TR	131,1
	ZZ	131,1

⁽¹⁾ Nomenclature of countries laid down by Commission Regulation (EU) No 1106/2012 of 27 November 2012 implementing Regulation (EC) No 471/2009 of the European Parliament and of the Council on Community statistics relating to external trade with non-member countries, as regards the update of the nomenclature of countries and territories (OJ L 328, 28.11.2012, p. 7). Code 'ZZ' stands for 'of other origin'.

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/wp29gen/wp29docstts.html>

Regulation No 34 of the Economic Commission for Europe of the United Nations (UNECE) — Uniform provisions concerning the approval of vehicles with regard to the prevention of fire risks [2016/1428]

Incorporating all valid text up to:

Supplement 1 to the 03 series of amendments — Date of entry into force 8 October 2016

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1. SCOPE

This Regulation applies:

- 1.1. Part I: To the approval of vehicles of categories M, N and O ⁽¹⁾ with regard to the tank(s) for liquid fuel.
 - 1.2. Part II-1: At the request of the manufacturer, to the approval of vehicles of categories M, N and O approved to Part I or IV of this Regulation fitted with liquid fuel tank(s) with regard to the prevention of fire risks in the event of a frontal and/or lateral collision as well as to the approval of vehicles of categories M₁ and N₁, which are of a total permissible mass exceeding 2,8 tonnes, and categories M₂, M₃, N₂, N₃ and O, fitted with tank(s) for liquid fuel, which have been approved to Part I or IV of this Regulation with regard to the prevention of fire risks in the event of a rear collision.

Part II-2: To the approval of vehicles of categories M₁ and N₁, which are of a total permissible mass not exceeding 2,8 tonnes, fitted with liquid fuel tank(s) approved to Part I or IV of this Regulation with regard to the prevention of fire risks in the event of a rear collision.
 - 1.3. Part III: To the approval of tanks for liquid fuel as separate technical units.
 - 1.4. Part IV: To the approval of vehicles with regard to the installation of approved tanks for liquid fuel.
2. APPLICATION FOR APPROVAL
- 2.1. Application for approval pursuant to Part I and/or Part II of this Regulation.

- 2.1.1. The application for approval of a vehicle type to Part I or Part II of this Regulation shall be submitted by the vehicle manufacturer or by his duly accredited representative.

⁽¹⁾ As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3.), document ECE/TRANS/WP.29/78/Rev.3, para. 2 — www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29resolutions.html

- 2.1.2. It shall be accompanied by the undermentioned documents in triplicate and by the following particulars:
 - 2.1.2.1. A detailed description of the vehicle type with respect to the items specified in paragraph 4.2 and/or 7.2. The numbers and/or symbols identifying the engine type and the vehicle type shall be specified;
 - 2.1.2.2. Drawing(s) showing the characteristics of the fuel tank and specifying the material from which it is made;
 - 2.1.2.3. A diagram of the entire fuel feed systems, showing the site of each component on the vehicle; and
 - 2.1.2.4. For application pursuant to Part II of this Regulation, a diagram of the electrical installation showing its siting and its mode of attachment to the vehicle.
- 2.1.3. The following shall be submitted to the technical service responsible for conducting the type-approval tests:
 - 2.1.3.1. A vehicle representative of the vehicle type to be approved or the parts of the vehicle which the technical service deems necessary for approval tests;
 - 2.1.3.2. In the case of a vehicle equipped with a tank made of a plastic material: seven additional tanks, with their accessories;
 - 2.1.3.3. In the case of a vehicle equipped with a tank made of another material: two additional tanks, with their accessories.
- 2.2. Application for approval pursuant to Part III of this Regulation
 - 2.2.1. The application for approval of a type of tank for liquid fuel pursuant to Part III of this Regulation shall be submitted by the tank manufacturer or by his duly accredited representative.
 - 2.2.2. It shall be accompanied by the under-mentioned documents in triplicate and by the following particulars:
 - 2.2.2.1. A detailed description of the type of fuel tank with respect to the items specified in paragraph 10.2; it should be specified whether the application applies to a type of tank with or without its accessories and whether it applies for a universal use or for a specific vehicle use. In the case of an approval of a type of tank without its accessories, clear identification of the accessories used for the tests shall be included;
 - 2.2.2.2. Drawing(s) showing the characteristics of the fuel tank and specifying the material of which it is made and, in the case of a tank for specific vehicle use, characteristics of the vehicle parts used during the tests;
 - 2.2.3. The following shall be submitted to the Technical Service responsible for conducting the type approval tests:
 - 2.2.3.1. In the case of a tank made of plastic material: seven tanks, with their accessories. In the case of a tank to be approved without its accessories, seven sets of accessories of a type normally fitted to the vehicle shall be submitted;
 - 2.2.3.2. In the case of a tank made of another material: two tanks, with their accessories. In the case of a tank to be approved without its accessories, two sets of accessories of a type normally fitted to the vehicle shall be submitted.
 - 2.2.3.3. In the case of a tank made of plastic for a specific vehicle use, vehicle parts as indicated in paragraph 5.3.2 of Annex 5 shall be submitted.
- 2.3. Application for approval pursuant to Part IV of this Regulation
 - 2.3.1. The application for approval of a type of vehicle pursuant to Part IV of this Regulation shall be submitted by the vehicle manufacturer or by his duly accredited representative.

- 2.3.2. It shall be accompanied by the below-mentioned documents in triplicate and by the following particulars:
- 2.3.2.1. A detailed description of the vehicle type with respect to the items specified in paragraph 12.2. The numbers and/or symbols identifying the engine type and the vehicle type shall be specified;
- 2.3.2.2. A diagram of the entire fuel feed system, showing the site of each component on the vehicle;
- 2.3.2.3. A list of all types of tanks for liquid fuel approved pursuant to Part III of this Regulation and intended to be fitted to the type of vehicle.
- 2.3.3. The following shall be submitted to the Technical Service responsible for conducting the type approval tests:
- 2.3.3.1. A vehicle representative of the type of vehicle to be approved;
- 2.3.3.2. If necessary, two additional tanks with their accessories in the case of each type of fuel tank approved without its accessories.
3. APPROVAL
- 3.1. Approval pursuant to Part I and/or Part II of this Regulation.
- 3.1.1. If the vehicle submitted for approval pursuant to this Regulation meets the requirements of Part I and/or Part II below, approval of that vehicle type shall be granted.
- 3.1.2. Each type approved shall be assigned an approval number whose first two digits shall constitute the number of the most recent series of amendments incorporated in the Regulation on the date of issue of the approval. A Contracting Party may however assign the same approval number to several vehicle types as defined in paragraph 4.2 and/or 7.2 if the types are variants of the same basic model and provided that each type is separately tested and found to comply with the conditions of this Regulation.
- 3.1.3. Notice of approval or of refusal of approval of a vehicle type pursuant to this Regulation shall be communicated to the Parties to the Agreement which apply this Regulation by means of a form conforming to the model in Annex 1, Appendix 1 to this Regulation and of drawings, giving the particulars referred to in paragraphs 2.1.2.2, 2.1.2.3 and 2.1.2.4 above (supplied by the applicant for approval) in a format not exceeding A 4 (210 × 297 mm) or folded to that format and on an appropriate scale.
- 3.1.4. There shall be affixed, conspicuously and in a readily accessible place specified on the approval form, to every vehicle conforming to a vehicle type approved under this Regulation, an international approval mark consisting of:
- 3.1.4.1. A circle surrounding the letter 'E' followed by the distinguishing number of the country which has granted approval ⁽¹⁾;
- 3.1.4.2. The number of this Regulation, followed by 'RI', if the vehicle is approved pursuant to Part I of the Regulation, or by 'RII-1' if the vehicle is approved pursuant to Parts I or IV and to Part II-1 of the Regulation, or by 'RII-2' if the vehicle is approved pursuant to Parts I or IV and to Part II-2 of the Regulation, a dash and the approval number to the right of the circle prescribed in paragraph 3.1.4.1.
- 3.1.5. If the vehicle conforms to a vehicle type approved, under one or more other Regulations annexed to the Agreement, in the country which has granted approval under this Regulation, the symbol prescribed in paragraph 3.1.4.1 need not be repeated; in such a case the additional numbers, approval numbers and symbols of all the Regulations under which approval has been granted in the country which has granted approval under this Regulation shall be placed in vertical columns to the right of the symbol prescribed in paragraph 3.1.4.1.
- 3.1.6. The approval mark shall be clearly legible and indelible.

⁽¹⁾ 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. 3 — www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29resolutions.html

- 3.1.7. The approval mark shall be placed close to or on the vehicle data plate affixed by the manufacturer.
- 3.1.8. Annex 2 to this Regulation gives examples of arrangements of the approval mark.
- 3.2. Approval pursuant to Part III of this Regulation
- 3.2.1. If the tank submitted for approval pursuant to this Regulation meets the requirements of Part III below, approval of that type of tank shall be granted.
- 3.2.2. Each type approved shall be assigned an approval number whose first two digits shall constitute the number of the most recent series of amendments incorporated in the Regulation on the date of issue of the approval.
- 3.2.3. Notice of approval or of refusal of approval of a type of tank pursuant to this Regulation shall be communicated to the Contracting Parties to the Agreement which apply this Regulation by means of a form conforming to the model in Annex 1, Appendix 2 to this Regulation and of drawings, giving the particulars referred to in paragraphs 2.2.2.1 and 2.2.2.2 above (supplied by the applicant for approval) in a format not exceeding A 4 (210 × 297 mm) or folded to that format and on an appropriate scale.
- 3.2.4. There shall be affixed, conspicuously and in a readily accessible place specified on the approval form, to every tank conforming to a type of tank approved under this Regulation, an international approval mark consisting of:
- 3.2.4.1. A circle surrounding the letter 'E' followed by the distinguishing number of the country which has granted approval ⁽¹⁾;
- 3.2.4.2. The number of this Regulation, followed by 'RIII', the mention 'U' if the tank is approved for a universal use or 'S' if the tank is approved for a specific vehicle use, the mention '+A' if the tank is approved with its accessories or '#A' if the tank is approved without its accessories, a dash and the approval number to the right of the circle prescribed in paragraph 3.2.4.1.
- 3.2.5. The approval mark shall be clearly legible and indelible when the tank is installed in the vehicle.
- 3.2.6. Annex 2 to this Regulation gives examples of arrangements of the approval mark.
- 3.3. Approval pursuant to Part IV of this Regulation
- 3.3.1. If the vehicle submitted for approval pursuant to this Regulation meets the requirements of Part IV below, approval of that vehicle type shall be granted.
- 3.3.2. Each type approved shall be assigned an approval number whose first two digits shall constitute the number of the most recent series of amendments incorporated in the Regulation on the date of issue of the approval. A Contracting Party may however assign the same approval number to several vehicle types as defined in paragraph 12.2 if the types are variants of the same basic model and provided that each type is separately tested and found to comply with the conditions of this Regulation.
- 3.3.3. Notice of approval or of refusal of approval of a vehicle type pursuant to this Regulation shall be communicated to the Contracting Parties to the Agreement which apply this Regulation by means of a form conforming to the model in Annex 1, Appendix 1 to this Regulation and of drawings, giving the particulars referred to in paragraphs 2.3.2.1, 2.3.2.2 and 2.3.2.3 above (supplied by the applicant for approval) in a format not exceeding A 4 (210 × 297 mm) or folded to that format and on an appropriate scale.
- 3.3.4. There shall be affixed, conspicuously and in a readily accessible place specified on the approval form, to every vehicle conforming to a vehicle type approved under this Regulation, an international approval mark consisting of:
- 3.3.4.1. A circle surrounding the letter 'E' followed by the distinguishing number of the country which has granted approval ⁽¹⁾;

⁽¹⁾ 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. 3 — www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29resolutions.html

- 3.3.4.2. The number of this Regulation, followed 'RIV', a dash and the approval number to the right of the circle prescribed in paragraph 3.3.4.1.
- 3.3.5. If the vehicle conforms to a vehicle type approved, under one or more other Regulations annexed to the Agreement, in the country which has granted approval under this Regulation, the symbol prescribed in paragraph 3.3.4.1 need not be repeated; in such a case the additional numbers, approval numbers and symbols of all the Regulations under which approval has been granted in the country which has granted approval under this Regulation shall be placed in vertical columns to the right of the symbol prescribed in paragraph 3.3.4.1.
- 3.3.6. The approval mark shall be clearly legible and indelible.
- 3.3.7. The approval mark shall be placed close to or on the vehicle data plate affixed by the manufacturer.
- 3.3.8. Annex 2 to this Regulation gives examples of arrangements of the approval mark.

PART I — APPROVAL OF VEHICLES WITH REGARD TO THEIR FUEL TANKS

4. DEFINITIONS

For the purposes of this Part of the Regulation:

- 4.1. 'Approval of a vehicle' means the approval of a vehicle type with regard to the liquid fuel tanks;
- 4.2. 'Vehicle type' means vehicles which do not differ in such essential respects as:
 - 4.2.1. The manufacturer's type designation;
 - 4.2.2. In vehicles of category M₁ ⁽¹⁾ the position of the tank(s) in the vehicle in so far as it has a negative effect on the requirements of paragraph 5.10;
- 4.3. 'Passenger compartment' means the space for occupant accommodation bounded by the roof, floor, side walls, doors, outside glazing, front bulkhead, and the plane of the rear compartment bulkhead or the plane of the rear seat back support;
- 4.4. 'Tank' means the tank(s) designed to contain the liquid fuel, as defined in paragraph 4.6, used primarily for the propulsion of the vehicle excluding its accessories (filler pipe, if it is a separate element, filler hole, cap, gauge, connections to the engine or to compensate interior excess pressure, etc.);
- 4.5. 'Capacity of the fuel tank' means the fuel tank capacity as specified by the manufacturer; and
- 4.6. 'Liquid fuel' means a fuel which is liquid in normal conditions of temperature and pressure.

5. REQUIREMENTS FOR LIQUID FUEL TANKS

- 5.1. Tanks shall be made so as to be corrosion-resistant.
- 5.2. Tanks shall satisfy, when equipped with all accessories, which are normally attached to them, the leakage tests carried out according to paragraph 6.1 at a relative internal pressure equal to double the working overpressure, but in any event not less than an overpressure of 30 kPa (0,3 bar).

Tanks made of a plastic material are considered as meeting this requirement if they have passed the test described in Annex 5, paragraph 2.

- 5.3. Any excess pressure or any pressure exceeding the working pressure shall be compensated automatically by suitable devices (vents, safety valves, etc.).

⁽¹⁾ As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3.), document ECE/TRANS/WP.29/78/Rev.3, para. 2 — www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29resolutions.html

- 5.4. The vents shall be designed in such a way as to prevent any fire risk. In particular, any fuel, which may leak when the tank(s) is (are) being filled shall not be able to fall on the exhaust system. It shall be channelled to the ground.
- 5.5. The tank(s) shall not be situated in, or form, a surface (floor, wall, bulkhead) of the passenger compartment or other compartment integral with it.
- 5.6. A partition shall be provided to separate the occupant compartment from the tank(s). The partition may contain apertures (e.g. to accommodate cables) provided they are so arranged that fuel cannot flow freely from the tank(s) into the occupant compartment or other compartment integral with it during normal conditions of use.
- 5.7. Every tank shall be securely fixed and so placed as to ensure that any fuel leaking from the tank or its accessories will escape to the ground and not into the occupant compartment during normal conditions of use.
- 5.8. The filler hole shall not be situated in the occupant compartment, in the luggage compartment or in the engine compartment.
- 5.9. The fuel shall not escape through the tank cap or through the devices provided to compensate excess pressure during the foreseeable course of operation of the vehicle. In the case of overturning of the vehicle, a drip may be tolerated provided that it does not exceed 30 g/min; this requirement shall be verified during the test prescribed in paragraph 6.2.
- 5.9.1. The fuel filler cap shall be fixed to the filler pipe.
- 5.9.1.1. The requirements of paragraph 5.9.1 shall be deemed to be satisfied if provision is made to prevent excess evaporative emissions and fuel spillage caused by a missing fuel filler cap.
- This may be achieved using one of the following:
- 5.9.1.1.1. An automatically opening and closing, non-removable fuel filler cap.
- 5.9.1.1.2. Design features which avoid excess evaporative emissions and fuel spillage in the case of a missing fuel filler cap,
- 5.9.1.1.3. Any other provision which has the same effect. Examples may include, but are not limited to, a tether filler cap, a chained filler cap or one utilising the same locking key for the filler cap and for the vehicle's ignition. In this case, the key shall be removable from the filler cap only in the locked condition. However, the use of tethered or chained filler cap by itself is not sufficient for vehicles other than those of categories M₁ and N₁.
- 5.9.2. The seal between the cap and the filler pipe shall be retained securely in place. The cap shall latch securely in place against the seal and filler pipe when closed.
- 5.10. Tanks shall be installed in such a way as to be protected from the consequences of a collision to the front or the rear of the vehicle; there shall be no protruding parts, sharp edges, etc. near the tank.
- 5.11. The fuel tank and its accessory parts shall be designed and installed in the vehicle in such a way that any ignition hazard due to static electricity shall be avoided.

If necessary, measure(s) for charge dissipation shall be provided. However, no charge dissipation system is required for fuel tanks designed for containing a fuel with a flash point of at least 55 °C as referred to in item 5.1 of the communication form in Annex 1, Appendix 2. Determination of the flash point shall be in accordance with ISO 2719:2002.

The manufacturer shall demonstrate to the Technical Service the measure(s) which guarantee the fulfilling of these requirements.

- 5.12. The fuel tank(s) shall be made of a fire-resistant metallic material. It (they) may be made of a plastic material provided the requirements of Annex 5 are complied with.

6. TESTS OF LIQUID FUEL TANKS

6.1. Hydraulic test

The tank shall be subjected to a hydraulic internal pressure test which shall be carried out on an isolated unit complete with all its accessories. The tank shall be completely filled with a non-flammable liquid (water, for example). After all communication with the outside has been cut off, the pressure shall be gradually increased, through the pipe connection through which fuel is fed to the engine, to a relative internal pressure equal to double the working pressure used and in any case to not less than an excess pressure of 30 kPa (0,3 bar), which shall be maintained for one minute. During this time the tank shell shall not crack or leak; however, it may be permanently deformed.

6.2. Overturn test

6.2.1. The tank and all its accessories shall be mounted on to a test fixture in a manner corresponding to the mode of installation on the vehicle for which the tank is intended: this also applies to systems for the compensation of the interior excess pressure.

6.2.2. The test fixture shall rotate about an axis lying parallel to the longitudinal vehicle axis.

6.2.3. The test shall be carried out with the tank filled to 90 per cent of its capacity and also 30 per cent of its capacity with a non-flammable liquid having a density and a viscosity close to those of the fuel normally used (water may be accepted).

6.2.4. The tank shall be turned from its installed position 90° to the right. The tank shall remain in this position for at least five minutes. The tank shall then be turned 90° further in the same direction. The tank shall be held in this position, in which it is completely inverted, for at least another five minutes. The tank shall be rotated back to its normal position. Testing liquid that has not flowed back from the venting system into the tank shall be drained and replenished if necessary. The tank shall be rotated 90° in the opposite direction and left for at least five minutes in this position.

The tank shall be rotated 90° further in the same direction. This completely inverted position shall be maintained for at least five minutes. Afterwards the tank shall be rotated back to its normal position.

The rotation rate for each successive increment of 90° shall take place in any time interval from 1 to 3 minutes.

PART II-1 — APPROVAL OF VEHICLES WITH REGARD TO THE PREVENTION OF FIRE RISKS IN THE EVENT OF COLLISION

7. DEFINITIONS

For the purposes of this Part of the Regulation:

7.1. 'Approval of a vehicle' means the approval of a vehicle type with regard to the prevention of fire risks;

7.2. 'Vehicle type' means vehicles which do not differ in such essential respects as:

7.2.1. The structure, shape, dimensions and materials (metal/plastic) of the tank(s);

7.2.2. In vehicles of category M₁ ⁽¹⁾ the position of the tank(s) in the vehicle in so far as it has a negative effect on the requirements of paragraph 5.10;

7.2.3. The characteristics and siting of the fuel feed system (pump, filters, etc.); and

⁽¹⁾ As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3.), document ECE/TRANS/WP.29/78/Rev.3, para. 2 — www.unece.org/trans/main/wp29/wp29wgs/wp29gen/wp29resolutions.html

- 7.2.4. The characteristics and siting of the electrical installation in so far as they have an effect on the results of the collision tests prescribed in this Regulation;
- 7.3. 'Transverse plane' means the vertical transverse plane perpendicular to the median longitudinal plane of the vehicle;
- 7.4. 'Unladen mass' means the mass of the vehicle in running order, unoccupied and unladen but complete with fuel, coolant, lubricants, tools and a spare wheel (if provided as standard equipment by the vehicle manufacturer);
8. REQUIREMENTS FOR THE INSTALLATION OF LIQUID FUEL TANKS
- 8.1. Fuel installation
- 8.1.1. The vehicles shall be approved according to either Part I or IV of this Regulation.
- 8.1.2. The components of the fuel installation shall be adequately protected by parts of the frame or bodywork against contact with possible obstacles on the ground. Such protection shall not be required if the components beneath the vehicle are further from the ground than the part of the frame or bodywork in front of them.
- 8.1.3. The pipes and all other parts of the fuel installation shall be accommodated on the vehicle at sites protected to the fullest possible extent. Twisting and bending movements, and vibrations of the vehicle's structure or drive unit, shall not subject the components of the fuel installation to friction, compression or any other abnormal stress.
- 8.1.4. The connections of pliable or flexible pipes with rigid parts of components of the fuel installation shall be so designed and constructed as to remain leak-proof under the various conditions of use of the vehicle, despite twisting and bending movements and despite vibrations of the vehicle's structure or drive unit.
- 8.1.5. If the filler hole is situated on the side of the vehicle, the filler cap shall not, when closed, project beyond the adjacent surfaces of the bodywork.
- 8.2. Electrical installation
- 8.2.1. Electric wires other than wires accommodated in hollow components shall be attached to the vehicle's structure or walls or partitions near which they lead. The points at which they pass through walls or partitions shall be satisfactorily protected to prevent cutting of the insulation.
- 8.2.2. The electrical installation shall be so designed, constructed and fitted that its components are able to resist the corrosion phenomena to which they are exposed.
9. TESTS ON THE VEHICLE
- In the frontal impact test against a barrier carried out by the procedure specified in Annex 3 to this Regulation, in the lateral impact test performed according to the procedure described in Annex 4 to Regulation No 95, 01 series of amendments, and in the rear-end impact test carried out by the procedure specified in Annex 4 hereto,
- 9.1. No more than a slight leakage of liquid in the fuel installation shall occur on collision;
- 9.2. If there is continuous leakage in the fuel installation after the collision, the rate-of leakage shall not exceed 30 g/min; if the liquid from the fuel installation mixes with liquids from the other systems, and if the several liquids cannot be easily separated and identified, the continuous leakage shall be evaluated from all the fluids collected;
- 9.3. No fire maintained by the fuel shall occur.
- 9.4. During and after the impacts described in paragraph 9 above, the battery shall be kept in position by its securing device.

- 9.5. At the request of the manufacturer, the frontal collision test set out in Annex 3 to this Regulation can be replaced by the test procedure described in Annex 3 to Regulation No 94, 01 series of amendments.

PART II-2 — APPROVAL OF VEHICLE WITH REGARD TO THE PREVENTION OF FIRE RISKS IN THE
EVENT OF REAR COLLISION

- 9.6. Definitions and test requirements
- 9.6.1. Paragraphs 7 to 8.2.2 of Part II-1 shall apply.
- 9.6.2. The vehicle test shall be performed according to the procedures described in Annex 4 to this Regulation.
- 9.6.3. After the collision test, the performance requirements of paragraphs 9.1 to 9.4 of Part II-1 shall be met.

PART III — APPROVAL OF TANKS FOR LIQUID FUEL AS SEPARATE TECHNICAL UNITS

10. DEFINITIONS

For the purposes of this Part of the Regulation:

- 10.1. 'Tank' means the tank(s) designed to contain the liquid fuel, as defined in paragraph 10.3, used primarily for the propulsion of the vehicle; the tank may be approved either with or without its accessories (filler pipe, if it is a separate element, filler hole, cap, gauge, connections to compensate interior excess pressure, etc.);
- 10.2. 'Capacity of the fuel tank' means the fuel tank capacity as specified by the tank manufacturer;
- 10.3. 'Liquid fuel' means a fuel which is liquid in normal conditions of temperature and pressure;
- 10.4. 'Approval of a tank' means the approval of a type of liquid fuel tank;
- 10.5. 'Type of tank' means tanks which do not differ in such essential respects as:
- 10.5.1. The structure, shape, dimensions and material (metal/plastic) of the tank(s);
- 10.5.2. The intended use of the tank: universal use or specific vehicle use;
- 10.5.3. The presence or absence of the accessories.

11. REQUIREMENTS FOR LIQUID FUEL TANKS

- 11.1. The requirements stated in paragraphs 5.1, 5.2, 5.3, 5.9, 5.12, 6.1 and 6.2 above shall be complied with when the tanks are equipped with the accessories that are normally attached to them.
- 11.2. In case the tanks are to be approved without their accessories the manufacturer's documentation shall clearly identify the accessories used for the test.

PART IV — APPROVAL OF VEHICLES WITH REGARD TO THE INSTALLATION OF APPROVED FUEL
TANK(S)

12. DEFINITIONS

For the purposes of this Part of the Regulation:

- 12.1. 'Approval of a vehicle' means the approval of a vehicle type with regard to the installation of liquid fuel tank(s) approved pursuant to Part III of this Regulation;

- 12.2. 'Vehicle type' means vehicles which do not differ in such essential respects as:
- 12.2.1. The manufacturer's type designation;
- 12.2.2. In vehicles of category M₁ ⁽¹⁾ the position of the tank(s) in the vehicle in so far as it has a negative effect on the requirements of paragraph 5.10;
13. REQUIREMENTS FOR THE INSTALLATION OF LIQUID FUEL TANKS
- 13.1. The requirements stated in paragraphs 5.4, 5.5, 5.6, 5.7, 5.8, 5.10, and 5.11 above shall be complied with.
- 13.2. In case the tanks are approved without their accessories, those accessories used during the tests on the tanks and identified in the manufacturer's documentation according to paragraph 11.2 above shall, at the request of the manufacturer, be included in the approval pursuant to Part IV of this Regulation. Additional accessories shall be included provided that the Technical Service is satisfied that the vehicle complies with the requirement of Parts III and IV of this Regulation.
14. MODIFICATIONS OF THE TYPE OF VEHICLE OR TANK
- 14.1. Every modification of the type of vehicle or tank shall be notified to the Type Approval Authority which approved the vehicle type. The Authority may then either:
- 14.1.1. Consider that the modifications made are unlikely to have appreciable adverse effects, and that in any case the vehicle still meets the requirements; or
- 14.1.2. Require a further test report from the Technical Service responsible for conducting the tests.
- 14.2. Without prejudice to the provisions of paragraph 14.1 above, a variant of the vehicle tested according to Part II of this Regulation whose unladen mass does not differ by more than ± 20 per cent from that of the approval-tested vehicle shall not be regarded as a modification of the vehicle type.
- 14.3. Notice of confirmation of approval or of refusal of approval, specifying the modifications shall be communicated by the procedure specified in paragraphs 3.1.3, 3.2.3 or 3.3.3 above to the Contracting Parties to the Agreement which apply this Regulation.
15. 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:
- 15.1. Every vehicle or tank bearing an approval mark as prescribed under this Regulation shall conform to the vehicle type approved and satisfy the requirements of the respective Parts above.
- 15.2. In order to verify conformity as prescribed in paragraph 15.1 above, a sufficient number of serially-produced vehicles or tanks bearing the approval mark required by this Regulation shall be subjected to random checks.
- 15.3. As a general rule, the conformity of the vehicle or tank with the approved type shall be checked on the basis of the description given in the approval form and its annexes. However, the vehicle or tank shall if necessary be subjected to the checks prescribed in paragraph 6 above.
16. PENALTIES FOR NON-CONFORMITY OF PRODUCTION
- 16.1. The approval granted in respect of a type of vehicle or tank pursuant to this Regulation may be withdrawn if the requirement laid down in paragraph 15.1 above is not complied with or if the vehicle has failed to pass the checks prescribe in paragraph 9 above.
- 16.2. If a Contracting Party to the Agreement which applies this Regulation withdraws an approval it has previously granted, it shall forthwith notify the other Parties to the Agreement which apply this Regulation thereof by means of a copy of the communication form conforming to the model in Annex 1 or 2 to this Regulation.

⁽¹⁾ As defined in the Consolidated Resolution on the Construction of Vehicles (R.E.3.), document ECE/TRANS/WP.29/78/Rev.3, para. 2 — www.uncece.org/trans/main/wp29/wp29wgs/wp29gen/wp29resolutions.html

17. TRANSITIONAL PROVISIONS

- 17.1. As from the official date of entry into force of the 02 series of amendments, no Contracting Party applying this Regulation shall refuse to grant ECE approval under this Regulation as amended by the 02 series of amendments.
- 17.2. As from 12 months after the date of entry into force of the 02 series of amendments, Contracting Parties applying this Regulation shall grant ECE approvals only if vehicle type to be approved meets the requirements of this Regulation as amended by the 02 series of amendments.
- 17.3. Until 12 months after the date of entry into force of the 02 series of amendments to this Regulation, no Contracting Party applying this Regulation shall refuse national type approval of a vehicle type approved to the preceding series of amendments to this Regulation.
- 17.4. Starting 24 months after the entry into force of the 02 series of amendments to this Regulation, Contracting Parties applying this Regulation may refuse first national registration (first entry into service) of a vehicle which does not meet the requirements of the 02 series of amendments to this Regulation.
- 17.5. As from the official date of entry into force of the Supplement 3 to the 02 series of amendments, no Contracting Party applying this Regulation shall refuse to grant ECE approval under this Regulation as amended by Supplement 3 to the 02 series of amendments.
- 17.6. Even after the entry into force of the Supplement 3 to the 02 series of amendments to this Regulation, approvals of the vehicles to the preceding supplements to the 02 series of amendments shall remain valid and Contracting Parties applying this Regulation shall continue to grant extensions to such approvals and shall continue to accept them.
- 17.7. As from the official date of entry into force of the 03 series of amendments, no Contracting Party applying this Regulation shall refuse to grant or refuse to accept type approvals under this Regulation as amended by the 03 series of amendments.
- 17.8. As from 1 September 2018, Contracting Parties applying this Regulation shall grant type approvals only if the vehicle type to be approved meets the requirements of this Regulation as amended by the 03 series of amendments.
- 17.9. Contracting Parties applying this Regulation shall not refuse to grant extensions of type approvals for existing types which have been granted according to the preceding series of amendments to this Regulation.
- 17.10. Even after the date of entry into force of the 03 series of amendments to this Regulation, Contracting Parties applying this Regulation shall continue to accept type approvals to the preceding series of amendments to the Regulation which are not affected by the 03 series of amendments.
- 17.11. Notwithstanding the transitional provisions above, Contracting Parties whose application of this Regulation comes into force after the date of entry into force of the most recent series of amendments are not obliged to accept type approvals which were granted in accordance with any of the preceding series of amendments to this Regulation.

18. NAMES AND ADDRESSES OF TECHNICAL SERVICES CONDUCTING APPROVAL TESTS, AND OF TYPE APPROVAL AUTHORITIES

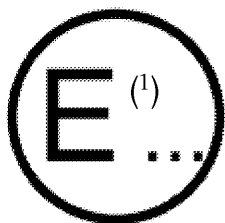
The Contracting Parties to the Agreement which apply this Regulation shall communicate to the Secretariat of the United Nations the names and addresses of the Technical Services conducting approval tests and of the Type Approval Authorities which grant approval and to which forms certifying approval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

ANNEX 1

Appendix 1

COMMUNICATION

(Maximum format: A4 (210 × 297 mm))



issued by: Name of administration

.....

.....

.....

concerning ⁽²⁾: Approval granted

Approval extended

Approval refused

Approval withdrawn

Production definitively discontinued

of a vehicle type with regard ⁽²⁾: To the tank for liquid fuelTo the prevention of fire risks in the event of frontal/lateral/rear ⁽²⁾ collision

Pursuant to Regulation No 34.

Approval No Extension No

1. Trade name or mark of the power-driven vehicle:
2. Vehicle type:
3. Manufacturer's name and address:
4. If applicable, name and address of manufacturer's representative:
5. Kind of engine: positive-ignition/diesel ⁽²⁾
6. Site of engine: front/rear/centre ⁽²⁾
7. Brief description of fuel tank and fuel or approval number(s) of the approved fuel tank ⁽²⁾
- 7.1. Characteristics and site of fuel tank:
- 7.2. For fuel tanks made of a plastic material, state material and trade name or mark:
- 7.3. Characteristics of fuel installation (site, connections, etc.):
8. Description of electrical installation (site attachment, protection, etc.):
9. Description of the impact tests:
- Frontal (Type/Approval or report number):
- Side (Type/Approval or report number):
- Rear (Type/Approval or report number):
10. Vehicle submitted for approval on:
11. Technical Service responsible for conducting approval tests:
12. Date of report issued by that Service:
13. Number of report issued by that Service:

14. Approval granted/extended/refused/withdrawn ⁽²⁾
15. Position of approval mark on the vehicle:
16. Place:
17. Date:
18. Signature:
19. The following documents, bearing the approval number shown above, are annexed to this communication:
Drawings and layout diagrams of the fuel tank, the fuel installation, the electrical installation, and other components of importance for the purposes of this Regulation.

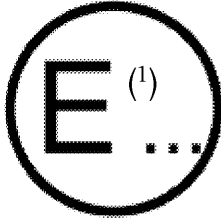
⁽¹⁾ Distinguishing number of the country which has granted/extended/refused/withdrawn/the approval (see approval provisions in the Regulation).

⁽²⁾ Strike out what does not apply.

Appendix 2

COMMUNICATION

(Maximum format: A4 (210 × 297 mm))



issued by: Name of administration

.....

.....

.....

concerning ⁽²⁾: Approval granted

Approval extended

Approval refused

Approval withdrawn

Production definitively discontinued

of a fuel tank pursuant to Regulation No 34.

Approval No Extension No

1. Trade name or mark of the fuel tank:
2. Manufacturer's name for the type of fuel tank:
3. Manufacturer's name and address:
4. If applicable, name and address of manufacturer's representative:
5. Brief description of fuel tank and fuel of the fuel feeding installation:
- 5.1. Characteristics of fuel tank and fuel:
- 5.2. For fuel tanks made of a plastic material, state material and trade name or mark:
6. Submitted for approval on:
7. Technical Service responsible for conducting approval tests:
8. Date of report issued by that Service:
9. Number of report issued by that Service:
10. Reason(s) for extension (if applicable):
11. Approval granted/extended/refused/withdrawn ⁽²⁾
12. Position of approval mark on the fuel tank:
13. Place:
14. Date:
15. Signature:
16. The index to the information package lodged with the Type Approval Authority, which may be obtained on request, is attached.

⁽¹⁾ Distinguishing number of the country which has granted/extended/refused/withdrawn/the approval (see approval provisions in the Regulation).

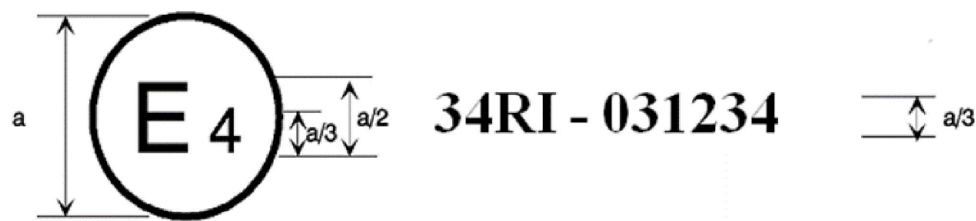
⁽²⁾ Strike out what does not apply.

ANNEX 2

ARRANGEMENTS OF APPROVAL MARKS

MODEL A

(See paragraph 3.1.4 of this Regulation)

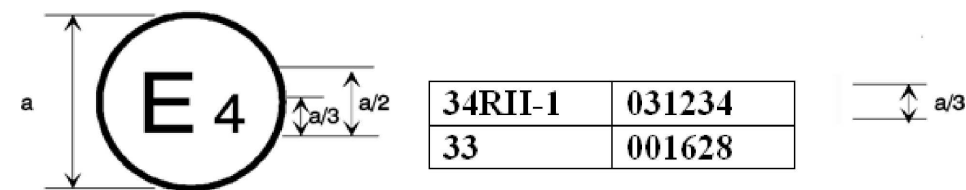


a = 8 mm minimum

The above approval mark affixed to a vehicle shows that the type concerned was approved in the Netherlands (E4) pursuant to Part I of Regulation No 34 under approval No 031234. The first two digits (03) of the approval number indicate that the approval was granted in accordance with the requirements of Regulation No 34 as amended by the 03 series of amendments.

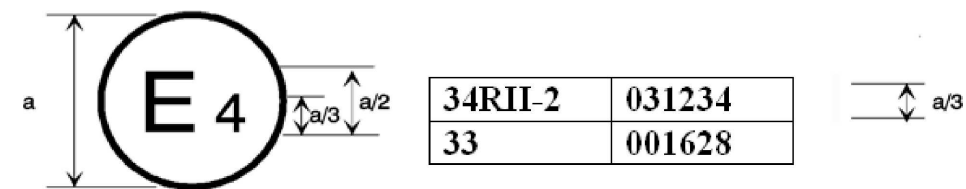
MODEL B

(See paragraph 3.1.5 of this Regulation)



a = 8 mm minimum

The above approval mark affixed to a vehicle shows that the type concerned was approved in the Netherlands (E4) pursuant to Regulations Nos 34 Parts I or IV and II-1 and 33 (*). The approval numbers indicated that, at the date when the respective approvals were given, Regulation No 34 included the 03 series of amendments and Regulation No 33 was still in its original form.



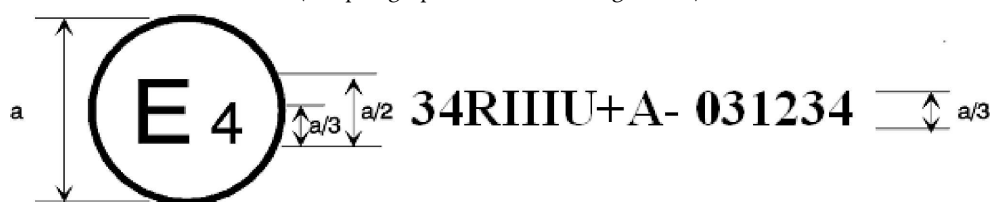
a = 8 mm minimum

The above approval mark affixed to a vehicle shows that the type concerned was approved in the Netherlands (E4) pursuant to Regulations Nos 34 Parts I or IV and II-2 and 33 (*). The approval numbers indicated that, at the date when the respective approvals were given, Regulation No 34 included the 03 series of amendments and Regulation No 33 was still in its original form.

(*) The second number is given merely as an example.

MODEL C

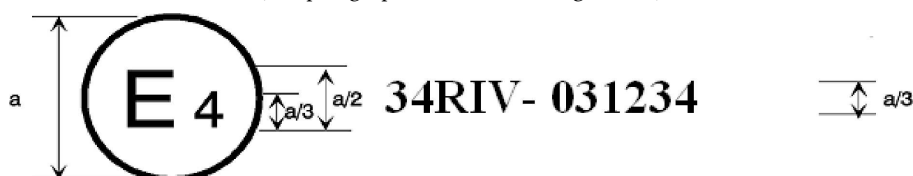
(See paragraph 3.2.4 of this Regulation)

 $a = 8 \text{ mm minimum}$

The above approval mark affixed to a fuel tank shows that the type concerned was approved in the Netherlands (E4) pursuant to Part III of Regulation No 34, for a universal use including its accessories, under approval No 031234. The first two digits (03) of the approval number indicate that the approval was granted in accordance with the requirements of Regulation No 34 as amended by the 03 series of amendments.

MODEL D

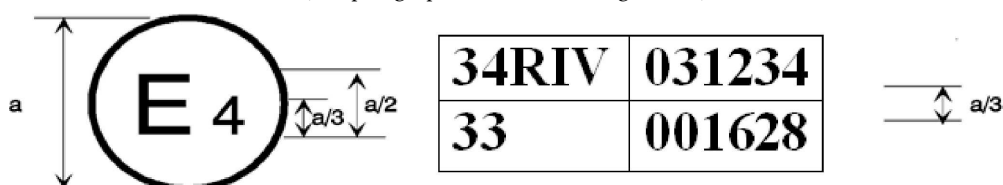
(See paragraph 3.3.4 of this Regulation)

 $a = 8 \text{ mm minimum}$

The above approval mark affixed to a vehicle shows that the type concerned was approved in the Netherlands (E4) pursuant to Part IV of Regulation No 34 under approval No 031234. The first two digits (03) of the approval number indicate that the approval was granted in accordance with the requirements of Regulation No 34 as amended by the 03 series of amendments.

MODEL E

(See paragraph 3.3.5 of this Regulation)

 $a = 8 \text{ mm minimum}$

The above approval mark affixed to a vehicle shows that the type concerned was approved in the Netherlands (E4) pursuant to Regulations Nos 34 Part IV and 33 (*). The approval numbers indicated that, at the date when the respective approvals were given, Regulation No 34 included the 03 series of amendments and Regulation No 33 was still in its original form.

(*) The second number is given merely as an example.

ANNEX 3

FRONTAL COLLISION TEST AGAINST A BARRIER**1. PURPOSE AND SCOPE**

The purpose of this test is to simulate the conditions of frontal collision against a fixed obstacle or by another vehicle approaching from the opposite direction.

2. INSTALLATIONS, PROCEDURES AND MEASURING INSTRUMENTS**2.1. Testing ground**

The test area shall be large enough to accommodate the run-up track, barrier and technical installations necessary for the test. The last part of the track, for at least 5 m before the barrier, shall be horizontal, flat and smooth.

2.2. Barrier

The barrier consists of a block of reinforced concrete not less than 3 m wide in front and not less than 1,5 m high. The barrier shall be of such thickness that it weighs at least 70 tonnes. The front face shall be vertical, perpendicular to the axis of the run-up track, and covered with plywood boards 2 cm thick in good condition. The barrier shall be either anchored in the ground or placed on the ground with, if necessary, additional arresting devices to limit its displacement. A barrier with different characteristics, but giving results at least equally conclusive, may likewise be used.

2.3. Propulsion of vehicle

At the moment of collision, the vehicle shall no longer be subject to the action of any additional steering or propelling device. It shall reach the obstacle on a course perpendicular to the collision wall; the maximum lateral misalignment tolerated between the vertical median line of the front of the vehicle and the vertical median line of the collision wall is ± 30 cm.

2.4. State of vehicle

2.4.1. The vehicle under test shall either be fitted with all the normal components and equipment included in its unladen kerb weight or be in such condition as to fulfil this requirement so far as the components and equipment affecting fire risks are concerned.

2.4.2. If the vehicle is driven by external means, the fuel installation shall be filled to at least 90 per cent of its capacity either with fuel or with a non-inflammable liquid having a density and a viscosity close to those of the fuel normally used. All other systems (brake-fluid header tanks, radiator, etc.) may be empty.

2.4.3. If the vehicle is driven by its own engine, the fuel tank shall be at least 90 per cent full. All other liquid-holding tanks may be filled to capacity.

2.4.4. If the manufacturer so requests, the technical service responsible for conducting the tests may allow the same vehicle as is used for tests prescribed by other Regulations (including tests capable of affecting its structure) to be used also for the tests prescribed by this Regulation.

2.5. Velocity on collision

The velocity on collision shall be between 48,3 km/h and 53,1 km/h. However, if the test has been carried out at a higher collision velocity and the vehicle has satisfied the conditions prescribed, the test shall be considered satisfactory.

2.6. Measuring instruments

The instrument used to record the speed referred to in paragraph 2.5 above shall be accurate to within one per cent.

3. EQUIVALENT TEST METHODS

- 3.1. Equivalent test methods are permitted provided that the conditions referred to in this Regulation can be observed either entirely by means of the substitute test or by calculation from the results of the substitute test.
 - 3.2. If a method other than that described in paragraph 2 above is used its equivalence shall be demonstrated.
-

ANNEX 4

PROCEDURE FOR REAR-END COLLISION TEST

1. PURPOSE AND SCOPE

- 1.1. The purpose of the test is to simulate the conditions of rear-end collision by another vehicle in motion.

2. INSTALLATIONS, PROCEDURES AND MEASURES INSTRUMENTS

2.1. Testing ground

The test area shall be large enough to accommodate the impactor (striker) propulsion system and to permit after-collision displacement of the vehicle struck and installation of the test equipment. The part in which vehicle collision and displacement occur shall be horizontal, flat and uncontaminated, and representative of a normal, dry, uncontaminated road surface.

2.2. Impactor (striker)

- 2.2.1. The impactor shall be of steel and of rigid construction.

- 2.2.2. The impacting surface shall be flat, not less than 2 500 mm wide, and 800 mm high, and its edges shall be rounded to a radius of curvature of between 40 and 50 mm. It shall be clad with a layer of plywood 20 +/- 2 mm thick, in good condition.

- 2.2.3. At the moment of collision the following requirements shall be met:

- 2.2.3.1. The impacting surface shall be vertical and perpendicular to the median longitudinal plane of the vehicle struck;

- 2.2.3.2. The direction of movement of the impactor shall be substantially horizontal and parallel to the median longitudinal plane of the vehicle struck;

- 2.2.3.3. The maximum lateral deviation tolerated between the median vertical line of the surface of the impactor and the median longitudinal plane of the vehicle struck shall be 300 mm. In addition, the impacting surface shall extend over the entire width of the vehicle struck;

- 2.2.3.4. The ground clearance of the lower edge of the impacting surface shall be 175 ± 25 mm.

2.3. Propulsion of the impactor

The impactor may either be secured to a carriage (moving barrier) or form part of a pendulum.

2.4. Special provisions applicable where a moving barrier is used

- 2.4.1. If the impactor is secured to a carriage (moving barrier) by a restraining element, the latter shall be rigid and be incapable of being deformed by the collision; the carriage shall at the moment of collision be capable of moving freely and no longer be subject to the action of the propelling device.

- 2.4.2. The velocity of collision shall be between 48 km/h and 52 km/h.

- 2.4.3. The aggregate weight (mass) of carriage and impactor shall be $1\,100 \pm 20$ kg.

2.5. Special provisions applicable where a pendulum is used

- 2.5.1. The distance between the centre of the impacting face and the axis of rotation of the pendulum shall be not less than 5 m.

- 2.5.2. The impactor shall be freely suspended by rigid arms rigidly secured to it. The pendulum so constituted shall be substantially incapable of being deformed by the collision.

- 2.5.3. Arresting gear shall be incorporated in the pendulum to prevent any secondary collision by the impactor on the test vehicle.
- 2.5.4. At the moment of collision the velocity of the centre of percussion of the pendulum shall be between 48 and 52 km/h.
- 2.5.5. The reduced mass ' m_r ' at the centre of percussion of the pendulum is defined as a function of the total mass ' m ', of the distance ' a ' (⁽¹⁾) between the centre of percussion and the axis of rotation, and of the distance ' l ' between the centre of gravity and the axis of rotation, by the following equation:

$$m_r = m (l/a)$$

- 2.5.6. The reduced mass m_r shall be $1\,100 \pm 20$ kg.
- 2.6. General provisions relating to the mass and velocity of the impactor
- If the test has been conducted at a collision velocity higher than those prescribed in paragraphs 2.4.2 and 2.5.4 and/or with a mass greater than those prescribed in paragraphs 2.4.3 and 2.5.6, and the vehicle has met the requirements prescribed, the test shall be considered satisfactory.
- 2.7. State of vehicle under test
- 2.7.1. The vehicle under test shall either be fitted with all the normal components and equipment included in its unladen kerb weight or be in such condition as to fulfil this requirement so far as the components and equipment affecting fire risks are concerned.
- 2.7.2. The fuel tank shall be filled to at least 90 per cent of its capacity either with fuel or with a non-inflammable liquid having a density and a viscosity close to those of the fuel normally used. All other systems (brake-fluid header tanks, radiator, etc.) may be empty.
- 2.7.3. A gear may be engaged and the brakes may be applied.
- 2.7.4. If the manufacturer so requests, the following derogation shall be permitted:
- 2.7.4.1. the technical service responsible for conducting the tests may allow the same vehicle as is used for tests prescribed by other Regulations (including tests capable of affecting its structure) to be used also for the tests prescribed by this Regulation; and
- 2.7.4.2. The vehicle may be weighted to an extent not exceeding 10 per cent of its unladen kerb weight with additional weights rigidly secured to the structure in such a way as not to affect the behaviour of the structure of the passenger compartment during the test.

2.8. Measuring instruments

The instruments used to record the speed referred to in paragraphs 2.4.2 and 2.5.4 above shall be accurate to within one per cent.

3. EQUIVALENT TEST METHODS

- 3.1. Equivalent test methods are permitted provided that the conditions referred to in this Regulation can be observed either entirely by means of the substitute test or by calculation from the results of the substitute test.
- 3.2. If a method other than that described in paragraph 2 above is used, its equivalence shall be demonstrated.

(¹) It is recalled that the distance ' a ' is equal to the length of the synchronous pendulum under consideration.

ANNEX 5

TESTING OF FUEL TANKS MADE OF A PLASTIC MATERIAL**1. COLLISION RESISTANCE**

- 1.1. The tank shall be filled to its capacity with a water-glycol mixture or with another liquid having a low freezing point, which does not change the properties of the tank material, and shall then be subjected to a perforation test.
- 1.2. During this test the tank temperature shall be $233\text{ K} \pm 2\text{ K}$ ($-40\text{ °C} \pm 2\text{ °C}$).
- 1.3. A pendulum collision testing fixture shall be used for the test. The collision body shall be of steel and have the shape of a pyramid with equilateral-triangle faces and a square base, the summit and the edges being rounded to a radius of 3 mm. The centre of percussion of the pendulum shall coincide with the centre of gravity of the pyramid; its distance from the axis of rotation of the pendulum shall be 1 m. The total mass of the pendulum shall be 15 kg. The energy of the pendulum at the moment of collision shall be not less than 30 Nm and as close to that value as possible.
- 1.4. The tests shall be made on the points of the tank which are regarded as vulnerable to frontal or rear collisions. The points regarded as vulnerable are those which are most exposed or weakest having regard to the shape of the tank or the way in which it is installed on the vehicle. The points selected by the laboratories shall be indicated in the test report.
- 1.5. During the test, the tank shall be held in position by the fittings on the side or sides opposite the side of collision. No leak shall result from the test.
- 1.6. At the choice of the manufacturer, all the impact tests may be carried out on one tank or each may be carried out on a different tank.

2. MECHANICAL STRENGTH

The tank shall be tested under the conditions prescribed in paragraph 6.1 of this Regulation for leaks and for rigidity of shape. The tank and all its accessories shall be mounted onto a test fixture in a manner corresponding to the mode of installation on the vehicle for which the tank is intended or mounted in the vehicle itself or mounted in a test fixture made by a vehicle section. On request of the manufacturer and with the agreement of the Technical Service the tank may be tested without using any test fixture. Water at 326 K (53 °C) shall be used as the testing fluid and shall fill the tank to its capacity. The tank shall be subjected to a relative internal pressure equal to double the working pressure and in any case to not less than 30 kPa at a temperature of $326\text{ K} \pm 2\text{ K}$ ($53\text{ °C} \pm 2\text{ °C}$) for a period of five hours. During the test, the tank and its accessories shall not crack or leak; however, it may be permanently deformed.

3. FUEL PERMEABILITY

- 3.1. The fuel used for the permeability test shall be either the reference fuel specified in Regulation No 83, Annex 9 or a commercial premium-grade fuel. If the tank is only designed for installation on vehicles with a compression-ignition engine, the tank shall be filled with diesel fuel.
- 3.2. Prior to the test, the tank shall be filled to 50 per cent of its capacity with testing fuel and stored, without being sealed, at an ambient temperature of $313\text{ K} \pm 2\text{ K}$ ($40\text{ °C} \pm 2\text{ °C}$) until the weight loss per unit time becomes constant, but for not more than four weeks (preliminary storage time).
- 3.3. The tank shall then be emptied and refilled to 50 per cent of its capacity with test fuel, after which it shall be hermetically sealed and be stored at a temperature of $313\text{ K} \pm 2\text{ K}$ ($40\text{ °C} \pm 2\text{ °C}$). The pressure shall be adjusted when the contents of the tank have reached the testing temperature. During the ensuing test period of eight weeks, the loss of weight due to diffusion during the test period shall be determined. The maximum permissible average loss of fuel is 20 g per 24 hours of testing time.

- 3.4. If the loss due to diffusion exceeds the value indicated in paragraph 3.3, the test described there shall be carried out again, on the same tank, to determine the loss by diffusion at $296\text{ K} \pm 2\text{ K}$ ($23\text{ °C} \pm 2\text{ °C}$) but under the same conditions otherwise. The loss so measured shall not exceed 10 g per 24 hours.

4. RESISTANCE TO FUEL

After the test referred to in paragraph 3, the tank shall still meet the requirements set out in paragraphs 1 and 2.

5. RESISTANCE TO FIRE

The tank shall be subjected to the following tests.

- 5.1. For two minutes, the tank, fixed as on the vehicle, shall be exposed to flame. There shall be no leakage of liquid fuel from the tank.
- 5.2. Three tests shall be made on different tanks filled with fuel as follows:
- 5.2.1. If the tank is designed for installation on vehicles equipped with either a positive ignition engine or a compression ignition engine, three tests shall be carried out with tanks filled with premium-grade gasoline;
- 5.2.2. If the tank is only designed for installation on vehicles equipped with a compression-ignition engine, three tests shall be carried out with tanks filled with diesel fuel;
- 5.2.3. For each test, the tank and its accessories shall be installed in a testing fixture simulating actual mounting conditions as far as possible. The method whereby the tank is fixed in the fixture shall correspond to the relevant specifications for its installation. In the case of tanks designed for a specific vehicle use, vehicle parts which protect the tank and its accessories against exposure to flame or which affect the course of the fire in any way, as well as specified components installed on the tank and plugs shall be taken into consideration. All openings shall be closed during the test, but venting systems shall remain operative. Immediately prior to the test the tank shall be filled with the specified fuel to 50 per cent of its capacity.
- 5.3. The flame to which the tank is exposed shall be obtained by burning commercial fuel for positive-ignition engines (hereafter called 'fuel') in a pan. The quantity of fuel poured into the pan shall be sufficient to permit the flame, under free-burning conditions, to burn for the whole test procedure.
- 5.4. The pan dimensions shall be chosen so as to ensure that the sides of the fuel tank are exposed to the flame. The pan shall therefore exceed the horizontal projection of the tank by at least 20 cm, but not more than 50 cm. The sidewalls of the pan shall not project more than 8 cm above the level of the fuel at the start of the test.
- 5.5. The pan filled with fuel shall be placed under the tank in such a way that the distance between the level of the fuel in the pan and the tank bottom corresponds to the design height of the tank above the road surface at the unladen mass (see paragraph 7.4). Either the pan, or the testing fixture, or both, shall be freely movable.
- 5.6. During phase C of the test, the pan shall be covered by a screen placed $3\text{ cm} \pm 1\text{ cm}$ above the fuel level.

The screen shall be made of a refractory material, as prescribed in Appendix 2. There shall be no gap between the bricks and they shall be supported over the fuel pan in such a manner that the holes in the bricks are not obstructed. The length and width of the frame shall be 2 cm to 4 cm smaller than the interior dimensions of the pan so that a gap of 1 cm to 2 cm exists between the frame and the wall of the pan to allow ventilation.

- 5.7. When the tests are carried out in the open air, sufficient wind protection shall be provided and the wind velocity at fuel-pan level shall not exceed 2,5 km/h. Before the test the screen shall be heated to $308\text{ K} \pm 5\text{ K}$ ($35\text{ °C} \pm 5\text{ °C}$). The firebricks may be wetted in order to guarantee the same test conditions for each successive test.

5.8. The test shall comprise four phases (see Appendix 1).

5.8.1. Phase A: Pre-heating (Figure 1)

The fuel in the pan shall be ignited at a distance of at least 3 m from the tank being tested. After 60 seconds pre-heating, the pan shall be placed under the tank.

5.8.2. Phase B: Direct exposure to flame (Figure 2)

For 60 seconds the tank shall be exposed to the flame from the freely burning fuel.

5.8.3. Phase C: Indirect exposure to flame (Figure 3)

As soon as phase B has been completed, the screen shall be placed between the burning pan and the tank. The tank shall be exposed to this reduced flame for a further 60 seconds.

5.8.4. Phase D: End of test (Figure 4)

The burning pan covered with the screen shall be moved back to its original position (phase A). If, at the end of the test, the tank is burning, the fire shall be extinguished forthwith.

5.9. The results of the test shall be considered satisfactory if no liquid fuel is leaking from the tank.

6. RESISTANCE TO HIGH TEMPERATURE

6.1. The fixture used for the test shall match the manner of installation of the tank on the vehicle, including the way in which the tank vent works.

6.2. The tank filled to 50 per cent of its capacity with water at 293 K (20 °C) shall be subjected for one hour to an ambient temperature of 368 K $\pm$ 2 K (95 °C $\pm$ 2 °C).

6.3. The results of the test shall be considered satisfactory if, after the test, the tank is not leaking or seriously deformed.

7. MARKINGS ON THE FUEL TANK

The trade name or mark shall be affixed to the tank; it shall be indelible and clearly legible on the tank when the latter is installed on the vehicle.

Appendix 1

TEST OF RESISTANCE TO FIRE

Figure 1

Phase A: Pre-heating

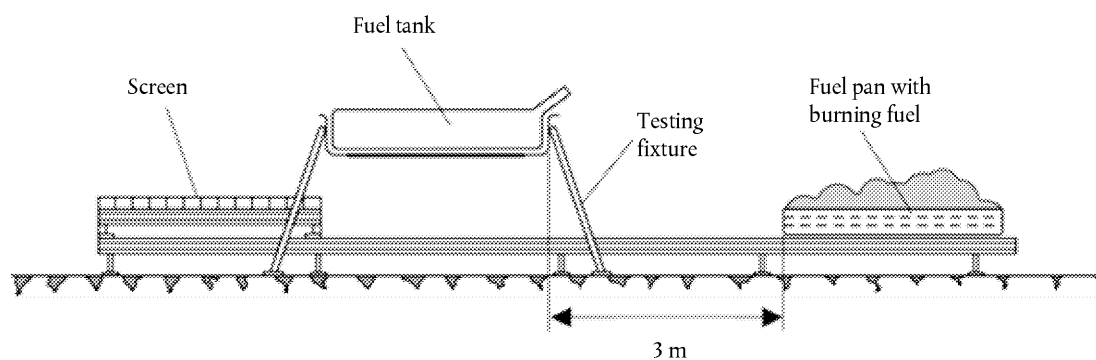


Figure 2

Phase B: Direct exposure to flame

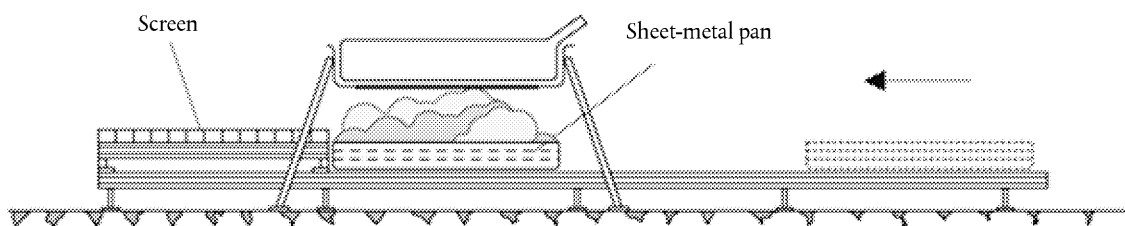


Figure 3

Phase C: Indirect exposure to the flame

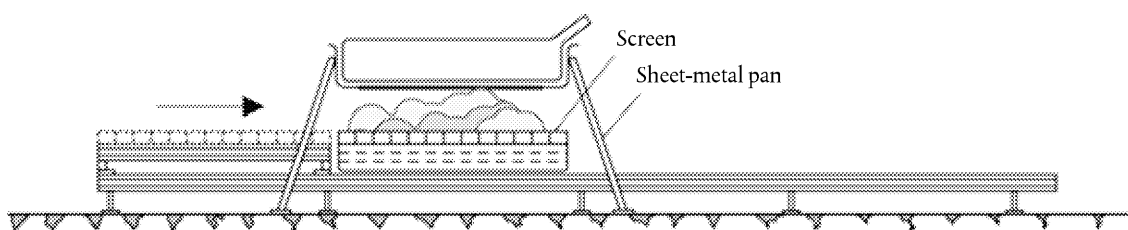
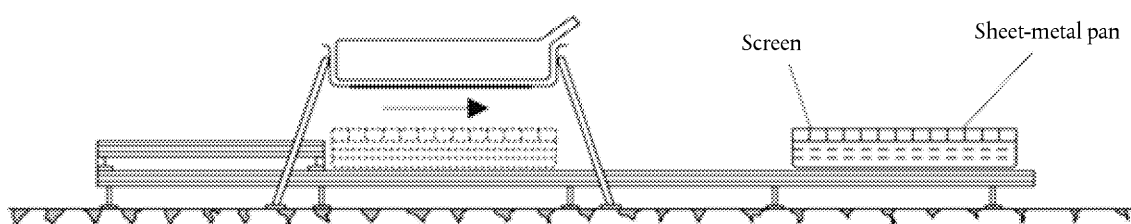


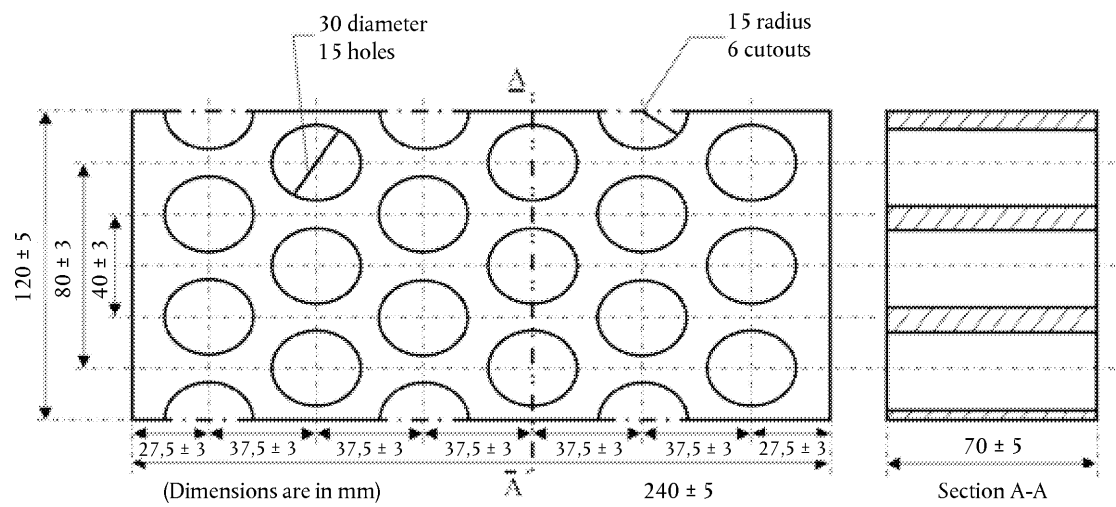
Figure 4

Phase D: End of test



Appendix 2

DIMENSIONS AND TECHNICAL DATA OF FIREBRICKS



Fire resistance (Seger-Kegel)	SK 30
Al ₂ O ₃ content	30-33 per cent
Open porosity (P _o)	20-22 per cent vol.
Density	1 900-2 000 kg/m ³
Effective holed area	44,18 per cent

