



NSAI

Certificate of Appointment

The National Standards Authority of Ireland, as the approval authority for Ireland to grant approvals for vehicles, technical units and components according to EU and UN ECE-Regulations, herewith appoints

CETOC Technical Service Srl

**Via della Bufalotta, 374
00139 - ROMA (RM)
Italy**

as a

Technical Service Category B as prescribed in Regulation (EU) 2018/858

Technical Service Category B as prescribed in Regulation (EU) 168/2013

Technical Service Category B as prescribed in Regulation (EU) 167/2013

Technical Service Category B as prescribed in Regulation (EU) 2016/1628

Technical Service Category B as prescribed in the 1958 Agreement of the Economic Commission for Europe of the United Nations.

The attached Annex identifies the EU and UN ECE-Regulations, including amendments, applicable to this appointment and the relevant accreditation.



Technical Service Number: 119

Agreement Date: 28.10.2019

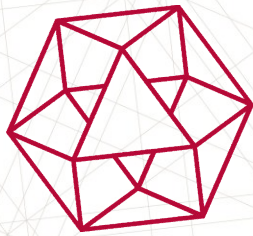
Expiry Date: 16.04.2027

David Walsh
Head – Automotive Certification, NSAI

Issued on 21 October 2025

This appointment is contingent on the compliance of CETOC Technical Service Srl with ISO17020 accreditation.

National Standards Authority of Ireland, 1 Swift Square, Northwood, Santry, Dublin 9, Ireland.



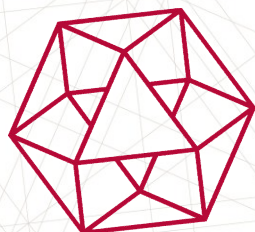
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Annex to Appointment No. 119

Motor vehicles and their trailers (EU) 2018/858

Subject	Regulatory Act <i>up to most recent amendment/s</i>	Full Accreditation	Joint Assessment Team (JAT)
On the approval of motor vehicles and their trailers and of systems, components and separate technical units intended for such vehicles	(EU) 2018/858, (EU) 2022/2236	X	-

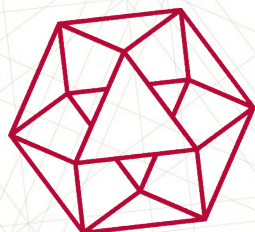
Subject	Regulatory Act <i>up to most recent amendment/s</i>	ISO17020
Emissions type-approval of heavy-duty vehicles using pure biodiesel	(EU) 582/2011	X
Determination of the CO ₂ emissions and fuel consumption of medium and heavy lorries and heavy busses and to introduce electric vehicles and other technologies	(EU) 2017/2400, (EU) 2022/1379	X
Performance of heavy-duty vehicles with regard to their influence on CO ₂ emissions, fuel consumption, energy consumption and zero emission driving range	(EC) 595/2009, (EU) 2022/1362	X



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Motor vehicles and their trailers (EU) 2018/858

A Restraint Systems, Crash Testing, Fuel System Integrity, High Voltage Vehicle Safety			
Item	Subject	Regulatory Act <i>up to most recent amendment/s</i>	ISO17020
A1	Interior fittings	(EU) 2019/2144 UNECE R21	X
A2	Seats and head restraints	(EU) 2019/2144 UNECE R17 UNECE R25	X X
A3	Bus seats	(EU) 2019/2144 UNECE R80	X
A4	Safety-belt anchorages	(EU) 2019/2144 UNECE R14	X
A5	Safety-belt and restraint systems	(EU) 2019/2144 UNECE R16	X
A6	Safety-belt reminders	(EU) 2019/2144 UNECE R16	X
A7	Partitioning systems	(EU) 2019/2144 UNECE R126	X
A8	Child restraint anchorages	(EU) 2019/2144 UNECE R145	X
A9	Child restraint systems	(EU) 2019/2144 UNECE R44	X
A10	Enhanced child restraint systems	(EU) 2019/2144 UNECE R129	X
A11	Front underrun protection	(EU) 2019/2144 UNECE R93	X
A12	Rear underrun protection	(EU) 2019/2144 UNECE R58	X
A13	Lateral protection	(EU) 2019/2144 UNECE R73	X
A14	Fuel tank safety	(EU) 2019/2144 UNECE R34	X
A15	Liquefied petroleum gas safety	(EU) 2019/2144 UNECE R67	X
A16	Compressed and liquified natural gas safety	(EU) 2019/2144 UNECE R110	X
A17	Hydrogen safety	(EU) 2019/2144 UNECE R134	X

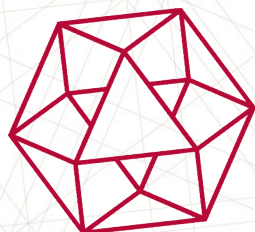


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Motor vehicles and their trailers (EU) 2018/858

A Restraint Systems, Crash Testing, Fuel System Integrity, High Voltage Vehicle Safety			
Item	Subject	Regulatory Act <i>up to most recent amendment/s</i>	ISO17020
A18	Hydrogen system material qualification	(EU) 2019/2144, (EU) 2021/535, Annex XIV	X
A19	In-use electric safety	(EU) 2019/2144 UNECE R100	X
A20	Frontal off-set impact	(EU) 2019/2144 UNECE R94	X
A21	Frontal full-width impact	(EU) 2019/2144 UNECE R137	X
A22	Protective steering	(EU) 2019/2144 UNECE R12	X
A23	Replacement airbag	(EU) 2019/2144 UNECE R114	X
A24	Cab impact	(EU) 2019/2144 UNECE R29	X
A25	Side impact	(EU) 2019/2144 UNECE R95	X
A26	Pole side impact	(EU) 2019/2144 UNECE R135	X
A27	Rear impact	(EU) 2019/2144 UNECE R153	X
A28	112-based eCall in-vehicles systems	(EU) 2015/758	X

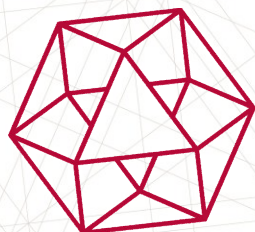


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Motor vehicles and their trailers (EU) 2018/858

B	Vulnerable Road Users, Vision and Visibility		
Item	Subject	Regulatory Act <i>up to most recent amendment/s</i>	ISO17020
B1	Pedestrian leg and head protection	(EU) 2019/2144 UNECE R127	X
B2	Enlarged head impact zone	(EU) 2019/2144 UNECE R127	X
B3	Frontal protection system	(EU) 2019/2144, (EU) 2021/535, Annex XII	X
B4	Advanced emergency braking for pedestrians and cyclists ahead	(EU) 2019/2144 UNECE R152	X
B5	Pedestrian and cyclist collision warning	(EU) 2019/2144 UNECE R159	X
B6	Blind spot information system	(EU) 2019/2144 UNECE R151	X
B7	Reversing detection	(EU) 2019/2144 UNECE R158	X
B8	Forward vision	(EU) 2019/2144 UNECE R125	X
B10	Safety glazing	(EU) 2019/2144 UNECE R43	X
B11	Defrost/demist	(EU) 2019/2144, (EU) 2021/535, Annex VI	X
B12	Wash/wipe	(EU) 2019/2144, (EU) 2021/535, Annex IV	X
B13	Indirect vision devices	(EU) 2019/2144 UNECE R46	X
B14	Acoustic Vehicle Alerting System	(EU) 2019/2144, (EU) 540/2014	X

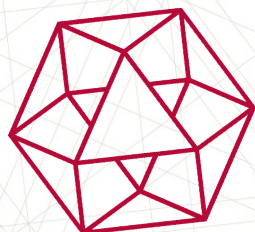


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Motor vehicles and their trailers (EU) 2018/858

C	Vehicle Chassis, Braking, Tyres and Steering		
Item	Subject	Regulatory Act <i>up to most recent amendment/s</i>	ISO17020
C1	Steering equipment	(EU) 2019/2144 UNECE R79	X
C2	Lane departure warning	(EU) 2019/2144 UNECE R130	X
C3	Emergency lane keeping	(EU) 2019/2144, (EU) 2021/646	X
C4	Braking	(EU) 2019/2144 UNECE R13 UNECE R13-H	X X
C5	Replacement braking parts	(EU) 2019/2144 UNECE R90	X
C6	Brake assist	(EU) 2019/2144 UNECE R139	X
C7	Stability control	(EU) 2019/2144 UNECE R13 UNECE R140	X X
C8	Advanced emergency braking on heavy-duty vehicles	(EU) 2019/2144 UNECE R131	X
C9	Advanced emergency braking on light-duty vehicles	(EU) 2019/2144 UN ECER152	X
C10	Tyre safety and environmental performance	(EU) 2019/2144 UNECE R30 UNECE R54 UNECE R117	X X X
C11	Spare wheels and run-flat systems	(EU) 2019/2144 UNECE R64	X
C12	Retreaded tyres	(EU) 2019/2144 UNECE R108 UNECE R109	X X
C13	Tyre pressure monitoring for light-duty vehicles	(EU) 2019/2144 UNECE R141	X
C14	Tyre pressure monitoring for heavy-duty vehicles	(EU) 2019/2144 UNECE R141	X
C15	Tyre installation	(EU) 2019/2144 UNECE R142	X
C16	Replacement wheels	(EU) 2019/2144 UNECE R124	X

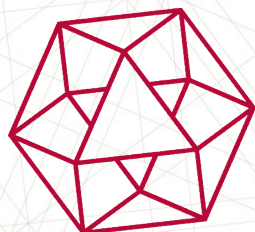


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Motor vehicles and their trailers (EU) 2018/858

D On-board Instruments, Electrical System, Vehicle Lighting and Protection Against Unauthorised Use Including Cyberattacks			
	Subject	Regulatory Act <i>up to most recent amendment/s</i>	ISO17020
D1	Audible warning	(EU) 2019/2144 UNECE R28	X
D2	Radio interference (electromagnetic compatibility)	(EU) 2019/2144 UNECE R10	X
D3	Protection against unauthorised use, immobiliser and alarm systems	(EU) 2019/2144 UNECE R18 UNECE R97 UNECE R116 UNECE R161 UNECE R162 UNECE R163	X X X X X X
D5	Speedometer	(EU) 2019/2144 UNECE R39	X
D6	Odometer	(EU) 2019/2144 UNECE R39	X
D7	Speed limitation devices	(EU) 2019/2144 UNECE R89	X
D8	Intelligent speed assistance	(EU) 2019/2144, (EU) 2021/1958	X
D9	Identification of controls, tell-tales and indicators	(EU) 2019/2144 UNECE R121	X
D10	Heating systems	(EU) 2019/2144 UNECE R122	X
D11	Light signalling devices	(EU) 2019/2144 UNECE R4 UNECE R6 UNECE R7 UNECE R19 UNECE R23 UNECE R38 UNECE R77 UNECE R87 UNECE R91 UNECE R148	X X X X X X X X X X

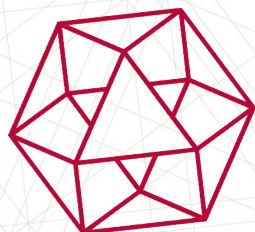


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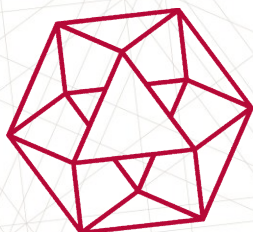
D	On-board Instruments, Electrical System, Vehicle Lighting and Protection Against Unauthorised Use Including Cyberattacks		
	Subject	Regulatory Act <i>up to most recent amendment/s</i>	ISO17020
D12	Road illumination devices	(EU) 2019/2144 UNECE R31 UNECE R98 UNECE R112 UNECE R119 UNECE R123 UNECE R149	X X X X X X
D13	Retro-reflective devices	(EU) 2019/2144 UNECE R3 UNECE R104 UNECE R150	X X X
D14	Light sources	(EU) 2019/2144 UNECE R37 UNECE R99 UNECE R128	X X X
D15	Installation of light signalling, road illumination and retro-reflective devices	(EU) 2019/2144 UNECE R48	X
D16	Emergency stop signal	(EU) 2019/2144 UNECE R48	X
D17	Headlamp cleaners	(EU) 2019/2144 UNECE R45	X
D18	Gear shift indicator	(EU) 2019/2144, (EU) 2021/535, Annex IX	X



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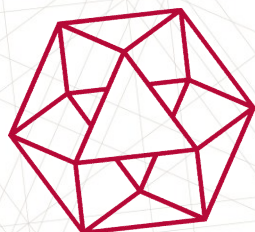
E				
Driver and system behaviour				
Item	Subject	Regulatory Act <i>up to most recent amendment/s</i>	Additional specific technical provisions	ISO17020
E1	Alcohol interlock installation facilitation	(EU) 2019/2144, (EU) 2021/1243	EN 50436:2016 Not a type approval requirement. For alcohol interlock device only.	X
E2	Driver drowsiness and attention warning	(EU) 2019/2144, (EU) 2021/1341		X
E3	Advanced driver distraction warning	(EU) 2019/2144 (EU) 2023/2590	Distraction avoidance by technical means may also be taken into consideration	X
E4	Driver availability monitoring system (in case of automated vehicles)	(EU) 2019/2144 UNECE R157		X
E5	Event data recorder	(EU) 2019/2144, (EU) 2022/545		X
E7	Systems to provide the vehicle with information on state of vehicle and surrounding area (in case of automated vehicles)	(EU) 2019/2144 UNECE R157		X



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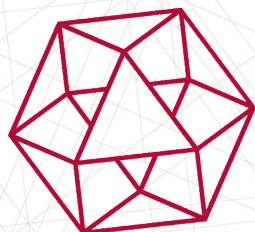
F	General Vehicle Construction and Features		
Item	Subject	Regulatory Act <i>up to most recent amendment/s</i>	ISO17020
F1	Registration plate space	(EU) 2019/2144, (EU) 2021/535, Annex III	X
F2	Reversing motion	(EU) 2019/2144, (EU) 2021/535, Annex XI	X
F3	Door latches and hinges	(EU) 2019/2144 UNECE R11	X
F4	Door entry steps, handholds and running boards	(EU) 2019/2144, (EU) 2021/535, Annex X	X
F5	External projections	(EU) 2019/2144 UNECE R26	X
F6	External projections of commercial vehicle cabs	(EU) 2019/2144 UNECE R61	X
F7	Statutory plate and vehicle identification number	(EU) 2019/2144, (EU) 2021/535, Annex II	X
F8	Towing devices	(EU) 2019/2144, (EU) 2021/535, Annex VII	X
F9	Wheel guards	(EU) 2019/2144, (EU) 2021/535, Annex V	X
F10	Spray suppression systems	(EU) 2019/2144, (EU) 2021/535, Annex VIII	X
F11	Masses and dimensions	(EU) 2019/2144, (EU) 2021/535, Annex XIII	X
F12	Mechanical couplings	(EU) 2019/2144 UNECE R55 UNECE R102	X X
F13	Vehicles intended for the transportation of dangerous goods	(EU) 2019/2144 UNECE R105	X
F14	General bus construction	(EU) 2019/2144 UNECE R107	X
F15	Bus strength of superstructure	(EU) 2019/2144 UNECE R66	X
F16	Flammability in buses	(EU) 2019/2144 UNECE R118	X



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Motor vehicles and their trailers (EU) 2018/858

G	Environmental Performance and Emissions		
Item	Subject	Regulatory Act <i>up to most recent amendment/s</i>	ISO17020
G1	Sound level	(EU) 540/2014	X
G2	Tailpipe emissions of vehicle in lab	(EU) 715/2007	X
G2a	Determination of specific CO ₂ emissions and fuel consumption of vehicle and device for monitoring on board the vehicle the consumption of fuel and/or electric energy	(EU) 715/2007	X
G3	Tailpipe emissions of engine in lab	(EU) 595/2009	X
G3a	Determination of specific CO ₂ emissions and fuel consumption of vehicle	(EU) 595/2009	X
G3b	Determination of specific energy efficiency performance of trailer	(EU) 595/2009	X
G4	Tailpipe emissions on the road	(EU) 715/2007 (EU) 595/2009	X
G5	Durability of tailpipe emissions	(EU) 715/2007 (EU) 595/2009	X
G6	Crankcase emissions	(EU) 715/2007 (EU) 595/2009	X
G7	Evaporative emissions	(EU) 715/2007	X
G8	Low-temperature tailpipe emissions in lab	(EU) 715/2007	X
G9	On-board diagnostics	(EU) 715/2007 (EU) 595/2009	X
G10	Absence of defeat device	(EU) 715/2007 (EU) 595/2009	X
G11	Auxiliary emission strategies	(EU) 715/2007 (EU) 595/2009	X
G12	Anti-tampering	(EU) 715/2007 (EU) 595/2009	X
G13	Recyclability	Directive 2005/64/EC	X



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Motor vehicles and their trailers (EU) 2018/858

H	Access to vehicle information and software update		
Item	Subject	Regulatory Act <i>up to most recent amendment/s</i>	ISO17020
H1	Access to vehicle OBD information and vehicle repair and maintenance information.	(EU) 2018/858, Articles 61-66 and Annex X	X



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Annex to Appointment No. 119

Two - or Three -wheel vehicles and quadricycles (EU) 168/2013

Subject	Regulatory Act <i>up to most recent amendment/s</i>	ISO17020
On the approval and market surveillance of two- or three-wheel vehicles and quadricycles	(EU) 168/2013	X

A Environmental and Propulsion Performance Requirements			
Item	Subject	Regulatory Act <i>up to most recent amendment/s</i>	ISO17020
1	Environmental test procedures related to exhaust emissions, evaporative emissions, greenhouse gas emissions, fuel consumption and reference fuels	Regulation (EU) 168/2013, Articles 23 and 24 Regulation (EU) 134/2014 Annexes II, III, IV, V, VI, VII, VIII, XI	X
2	Maximum design vehicle speed, maximum torque, maximum continuous total engine power of propulsion	Regulation (EU) 168/2013, Articles 23 and 24 Regulation (EU) 134/2014 Annex X	X
3	Test procedures related to sound	Regulation (EU) 168/2013, Articles 23 and 24 Regulation (EU) 134/2014 Annex IX UNECE R41	X

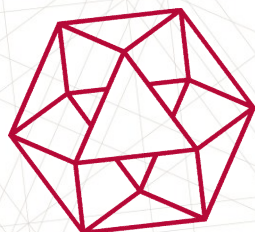


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Annex to Appointment No. 119

Two - or Three -wheel vehicles and quadricycles (EU) 168/2013

B	Vehicle Functional Safety Requirements		
Item	Subject	Regulatory Act <i>up to most recent amendment/s</i>	ISO17020
1	Audible warning devices	Regulation (EU) 168/2013, Article 22 Regulation (EU) 3/2014, Annex II	X
2	Braking, including anti-lock and combined brake systems	Regulation (EU) 168/2013, Article 22 and Annex VIII Regulation (EU) 3/2014, Annex III	X
3	Electrical safety	Regulation (EU) 168/2013, Article 22 and Annex VIII Regulation (EU) 3/2014, Annex IV	X
4	Manufacturer declaration requirements regarding endurance testing of functional safety systems, parts and equipment	Regulation (EU) 168/2013, Article 22 and Annex VIII Regulation (EU) 3/2014, Annex V	X
5	Front and rear protective structures	Regulation (EU) 168/2013, Article 22 and Annex VIII Regulation (EU) 3/2014, Annex VI	X
6	Glazing, windscreen wipers and washers, defrosting and demisting devices	Regulation (EU) 168/2013, Article 22 Regulation (EU) 3/2014, Annex VII	X
7	Driver-operated controls including identification of controls, tell-tales and indicators	Regulation (EU) 168/2013, Article 22 Regulation (EU) 3/2014, Annex VIII	X
8	Installation of lighting and light signalling devices, including automatic switching-on of lighting	Regulation (EU) 168/2013, Article 22 and Annex VIII Regulation (EU) 3/2014, Annex IX	X
9	Rearward visibility	Regulation (EU) 168/2013, Article 22 Regulation (EU) 3/2014, Annex X	X

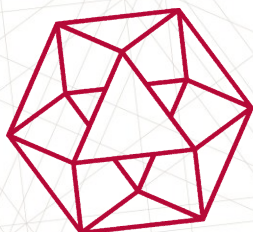


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Two - or Three -wheel vehicles and quadricycles (EU) 168/2013

Item	Subject	Regulatory Act <i>up to most recent amendment/s</i>	ISO17020
10	Rollover protective structure (ROPS)	Regulation (EU) 168/2013, Article 22 and Annex VIII Regulation (EU) 3/2014, Annex XI	X
11	Safety belt anchorages and safety belts	Regulation (EU) 168/2013, Article 22 Regulation (EU) 3/2014, Annex XII	X
12	Seating position (saddles and seats)	Regulation (EU) 168/2013, Article 22 Regulation (EU) 3/2014, Annex XIII	X
13	Steer-ability, cornering properties and turn-ability	Regulation (EU) 168/2013, Article 22 and Annex VIII Regulation (EU) 3/2014 Annex XIV	X
14	Installation of tyres	Regulation (EU) 168/2013, Article 22 Regulation (EU) 3/2014 Annex XV	X
15	Vehicle maximum speed limitation plate and location on vehicle	Regulation (EU) 168/2013, Article 22 Regulation (EU) 3/2014 Annex XVI	X
16	Vehicle occupant protection, including interior fittings, head restraint and vehicle doors	Regulation (EU) 168/2013, Article 22 and Annex VIII Regulation (EU) 3/2014 Annex XVII	X
17	Maximum continuous rated or net power and/or vehicle speed limitation by design	Regulation (EU) 168/2013, Article 22 Regulation (EU) 3/2014 Annex XVIII	X
18	Vehicle structure integrity	Regulation (EU) 168/2013, Article 22 and Annex VIII Regulation (EU) 3/2014 Annex XIX	X



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Two - or Three -wheel vehicles and quadricycles (EU) 168/2013

C1			
Vehicle Construction and General Type-Approval Requirements			
Item	Subject	Regulatory Act up to most recent amendment/s	ISO17020
1	Anti-tampering measures	Regulation (EU) 168/2013, Article 20 Regulation (EU) 44/2014, Annex II	X
2	Arrangements for type-approval procedures	Regulation (EU) 168/2013, Article 25 Regulation (EU) 44/2014, Annex III	X
3	Conformity of production requirements	Regulation (EU) 168/2013, Article 33 Regulation (EU) 44/2014, Annex IV	X
4	Coupling devices and attachments	Regulation (EU) 168/2013, Article 18 Regulation (EU) 44/2014, Annex V	X
5	Devices to prevent unauthorised use	Regulation (EU) 168/2013, Article 18 Regulation (EU) 44/2014, Annex VI UNECE R62	X
6	EMC	Regulation (EU) 168/2013, Article 18 Regulation (EU) 44/2014, Annex VII UNECE R10	X
7	External projections	Regulation (EU) 168/2013, Article 18 Regulation (EU) 44/2014, Annex VIII	X
8	Fuel storage	Regulation (EU) 168/2013, Article 18 Regulation (EU) 44/2014, Annex IX	X
9	Load platforms	Regulation (EU) 168/2013, Article 18 Regulation (EU) 44/2014, Annex X	X
10	Masses and dimensions	Regulation (EU) 168/2013, Article 18 Regulation (EU) 44/2014, Annex XI	X
11	On-board diagnostics	Regulation (EU) 168/2013, Article 21 Regulation (EU) 44/2014, Annex XII	X
12	Passenger handholds and footrests	Regulation (EU) 168/2013, Article 18 Regulation (EU) 44/2014, Annex XIII	X
13	Registration plate space	Regulation (EU) 168/2013, Article 18 Regulation (EU) 44/2014, Annex XIV	X
14	Repair and maintenance information	Regulation (EU) 168/2013, Article 18 Regulation (EU) 44/2014, Annex XV	X
15	Stands	Regulation (EU) 168/2013, Article 18 Regulation (EU) 44/2014, Annex XVI	X
16	Performance standards and assessment of technical services	Regulation (EU) 168/2013, Article 65 Regulation (EU) 44/2014, Annex XVII	X



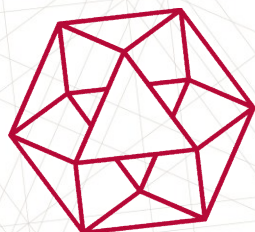
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Agricultural and forestry vehicles (EU) 167/2013

Subject	Regulatory Act <i>up to most recent amendment/s</i>	ISO17020
On the approval and market surveillance of agricultural and forestry vehicles	(EU) 167/2013	X

Item	Subject	Regulatory Act <i>up to most recent amendment/s</i>	ISO17020
1	Vehicle structure integrity	Regulation (EU) 167/2013, Article 17(2)(a) (EU) 2015/208, Annex II	X
2	Maximum design speed, speed governor and speed limitation devices	Regulation (EU) 167/2013, Article 17(2)(b) (EU) 2015/208, Annex III	X
3	Braking devices and trailer brake coupling	Regulation (EU) 167/2013, Article 17(2)(b) (EU) 2015/68, Annex III	X
4	Steering for fast tractors	Regulation (EU) 167/2013, Article 17(2)(b) (EU) 2015/208, Annex IV	X
5	Steering	Regulation (EU) 167/2013, Article 17(2)(b) (EU) 2015/208, Annex V	X
6	Speedometer	Regulation (EU) 167/2013, Article 17(2)(b) (EU) 2015/208, Annex VI	X
7	Field of vision and windscreen wipers	Regulation (EU) 167/2013, Article 17(2)(c) (EU) 2015/208, Annex VII	X
8	Glazing	Regulation (EU) 167/2013, Article 17(2)(c) (EU) 2015/208, Annex VIII	X
9	Rear-view mirrors	Regulation (EU) 167/2013, Article 17(2)(c) (EU) 2015/208, Annex IX	X
10	Driver information systems	Regulation (EU) 167/2013, Article 17(2)(c) (EU) 2015/208, Annex X	X
11	Lighting, light signalling devices and their light sources	Regulation (EU) 167/2013, Article 17(2)(d) (EU) 2015/208, Annex XI	X
12	Lighting installation	Regulation (EU) 167/2013, Article 17(2)(c) (EU) 2015/208, Annex XII	X
13	Vehicle occupant protection, including interior fittings, head restraint, seat belts, vehicle doors	Regulation (EU) 167/2013, Article 17(2)(e) (EU) 2015/208, Annex XIII	X
14	Vehicle exterior and accessories	Regulation (EU) 167/2013, Article 17(2)(f) (EU) 2015/208, Annex XIV	X
15	EMC	Regulation (EU) 167/2013, Article 17(2)(g) (EU) 2015/208, Annex XV	X
16	Audible warning device	Regulation (EU) 167/2013, Article 17(2)(h) (EU) 2015/208, Annex XVI	X
17	Heating systems	Regulation (EU) 167/2013, Article 17(2)(i) (EU) 2015/208, Annex XVII	X

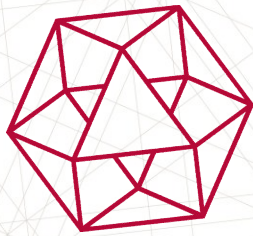


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Annex to Appointment No. 119

Agricultural and forestry vehicles (EU) 167/2013

Item	Subject	Regulatory Act <i>up to most recent amendment/s</i>	ISO17020
18	Devices to prevent unauthorised use	Regulation (EU) 167/2013, Article 17(2)(j) (EU) 2015/208, Annex XVIII	X
19	Registration plate	Regulation (EU) 167/2013, Article 17(2)(k) (EU) 2015/208, Annex XIX	X
20	Statutory plate and marking	Regulation (EU) 167/2013, Article 17(2)(k) (EU) 2015/208, Annex XX	X
21	Dimensions and trailer mass	Regulation (EU) 167/2013, Article 17(2)(l) (EU) 2015/208, Annex XXI	X
22	Maximum laden mass	Regulation (EU) 167/2013, Article 17(2)(l) (EU) 2015/208, Annex XXII	X
23	Ballast masses	Regulation (EU) 167/2013, Article 17(2)(l) (EU) 2015/208, Annex XXIII	X
24	Safety of electrical systems	Regulation (EU) 167/2013, Article 17(2)(m) (EU) 2015/208, Annex XXIV	X
25	Fuel tank	Regulation (EU) 167/2013, Articles 17(2)(a)(m), 18(2)(l) (EU) 2015/208, Annex XXV	X
26	Rear protective structures	Regulation (EU) 167/2013, Article 17(2)(n) (EU) 2015/208, Annex XXVI	X
27	Lateral protection	Regulation (EU) 167/2013, Article 17(2)(o) (EU) 2015/208, Annex XXVII	X
28	Load platforms	Regulation (EU) 167/2013, Article 17(2)(p) (EU) 2015/208, Annex XVIII	X
29	Towing devices	Regulation (EU) 167/2013, Article 17(2)(q) (EU) 2015/208, Annex XXIX	X
30	Tyres	Regulation (EU) 167/2013, Article 17(2)(r) (EU) 2015/208, Annex XXX	X
31	Spray-suppression systems	Regulation (EU) 167/2013, Article 17(2)(s) (EU) 2015/208, Annex XXXI	X
32	Reverse gear	Regulation (EU) 167/2013, Article 17(2)(t) (EU) 2015/208, Annex XXXII	X
33	Tracks	Regulation (EU) 167/2013, Article 17(2)(u) (EU) 2015/208, Annex XXXIII	X
34	Mechanical couplings	Regulation (EU) 167/2013, Article 17(2)(v) (EU) 2015/208, Annex XXXIV	X
35	ROPS	Regulation (EU) 167/2013, Article 18(2)(a) (EU) 1322/2014, Annex VI	X
36	ROPS (track laid)	Regulation (EU) 167/2013, Article 18(2)(a) (EU) 1322/2014, Annex VII	X
37	ROPS (static testing)	Regulation (EU) 167/2013, Article 18(2)(a) (EU) 1322/2014, Annex VIII	X
38	ROPS, front-mounted (narrow-track tractors)	Regulation (EU) 167/2013, Article 18(2)(a) (EU) 1322/2014, Annex IX	X



Annex to Appointment No. 119

Agricultural and forestry vehicles (EU) 167/2013

Item	Subject	Regulatory Act <i>up to most recent amendment/s</i>	ISO17020
39	ROPS, Rearmounted (narrow-track tractors)	Regulation (EU) 167/2013, Article 18(2)(a) (EU) 1322/2014, Annex X	X
40	FOPS, Falling Objects Protection Structure	Regulation (EU) 167/2013, Article 18(2)(b) (EU) 1322/2014, Annex XI	X
41	Passenger seats	Regulation (EU) 167/2013, Article 18(2)(c) (EU) 1322/2014, Annex XII	X
42	Driver's exposure to noise level	Regulation (EU) 167/2013, Article 18(2)(d) (EU) 1322/2014, Annex XIII	X
43	Driving seat and position	Regulation (EU) 167/2013, Article 18(2)(d) (EU) 1322/2014, Annex XIV	X
44	Operating space, access to the driving position	Regulation (EU) 167/2013, Article 18(2)(d) (EU) 1322/2014, Annex XV	X
45	Power take-offs	Regulation (EU) 167/2013, Article 18(2)(d) (EU) 1322/2014, Annex XVI	X
46	Protection of drive components	Regulation (EU) 167/2013, Article 18(2)(h) (EU) 1322/2014, Annex XVII	X
47	Seat-belt anchorages	Regulation (EU) 167/2013, Article 18(2)(i) (EU) 1322/2014, Annex XVIII	X
48	Safety belts	Regulation (EU) 167/2013, Article 18(2)(j) (EU) 1322/2014, Annex XIX	X
49	OPS, Protection against penetrating objects	Regulation (EU) 167/2013, Article 18(2)(k) (EU) 1322/2014, Annex XX	X
50	Exhaust system	Regulation (EU) 167/2013, Article 18(2)(l) (EU) 1322/2014, Annex XXI	X
51	Operators manual	Regulation (EU) 167/2013, Articles 18(2)(l)(n)(q), 18(4) (EU) 1322/2014, Annex XXII	X
52	Controls, including in particular emergency and automatic stop devices	Regulation (EU) 167/2013, Article 18(2)(o) (EU) 1322/2014, Annex XXIII	X
53	Protection against mechanical hazards other than the ones mentioned in Article 18(2)(a), (b), (g), (k), including protection against rupture of pipes carrying fluids and uncontrolled movement of the vehicle	Regulation (EU) 167/2013, Article 18(2)(p) (EU) 1322/2014, Annex XXIV	X



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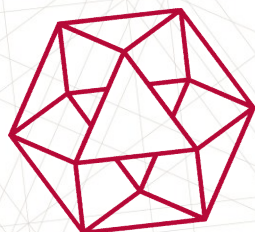
Annex to Appointment No. 119

Agricultural and forestry vehicles (EU) 167/2013

Item	Subject	Regulatory Act <i>up to most recent amendment/s</i>	ISO17020
54	Guards and protective devices	Regulation (EU) 167/2013, Article 18(2)(p) (EU) 1322/2014, Annex XXV	X
55	Information, warnings and markings	Regulation (EU) 167/2013, Articles 18(2)(l)(q)(s), 18(4) (EU) 1322/2014, Annex XXVI	X
56	Materials and products	Regulation (EU) 167/2013, Article 18(2)(t) (EU) 1322/2014, Annex XXVII	X
57	Batteries	Regulation (EU) 167/2013, Article 18(2)(u) (EU) 1322/2014, Annex XXVIII	X
58	Emergency exit	Regulation (EU) 167/2013, Article 18(4) (EU) 1322/2014, Annex XV, Point 6	X
59	Cab ventilation and filtration system	Regulation (EU) 167/2013, Article 18(2)(l), 18(4) (EU) 1322/2014, Annex XXIX	X

Non-Road Mobile Machinery (EU) 2016/1628

Subject	Regulatory Act <i>up to most recent amendment/s</i>	ISO17020	ISO17025
On requirements relating to gaseous and particulate pollutant emission limits and type-approval for internal combustion engines for non-road mobile machinery	Regulation (EU) 2016/1628	X	-
Technical requirements relating to emission limits and type-approval	Regulation (EU) 2017/654	X	-

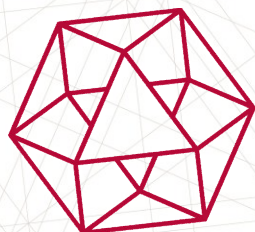


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Annex to Appointment No. 119

UNECE Regulations

Subject	Basic UN/ECE Regulation No. <i>up to most recent amendment/s</i>	ISO17020
International Whole Vehicle Type Approval (IWVTA)	0	X
Headlamps (R2 and/or HS1)	1	X
Retro-reflecting devices for power-driven vehicles	3	X
Illumination of rear-registration plates of motor vehicles (except motor cycles) and their trailers	4	X
"Sealed Beam" headlamps (SB) emitting a European asymmetrical passing beam and/or a driving beam	5	X
Direction indicators	6	X
Front and rear position (side) lamps, stop-lamps and end-outline marker lamps for motor vehicles (except motor cycles) and their trailers	7	X
Motor vehicles headlamps (H1, H2, H3, HB3, HB4, H7, H8, H9, HIR1, HIR2 and/or H11)	8	X
Noise of three-wheeled vehicles	9	X
Approval of Vehicles with regard to electromagnetic stability	10	X
Door latches and retention components	11	X
Protection of drivers against the steering mechanism in the event of impact	12	X
Braking on vehicles of categories M, N and O	13	X
Braking of passenger cars	13H	X
Safety-belt anchorages	14	X
Safety-belts and restraint systems	16	X
Approval of vehicles with regard to the seats, their anchorages and any head restraints	17	X
Protection of motor vehicles against unauthorized use	18	X
Motor vehicles front fog lamps	19	X
Headlamps emitting an asymmetrical passing beam or both and equipped with halogen filament lamps (H4)	20	X
Interior fittings	21	X
Protective Helmets and their visors for drivers and passengers of motor cycles and mopeds	22	X
Reversing lights for power-driven vehicles and their trailers	23	X
Visible pollutants, measurement of power of C.I. engines (Diesel smoke)	24	X
Head restraints not incorporated in vehicle seats	25	X

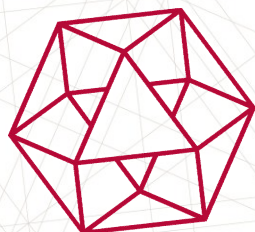


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Annex to Appointment No. 119

UNECE Regulations

Subject	Basic UN/ECE Regulation No. <i>up to most recent amendment/s</i>	ISO17020
External projections	26	X
Advance Warning Triangles	27	X
Audible warning devices and signals	28	X
Protection of then occupants of the cab of commercial vehicleS	29	X
Pneumatic tyres for motor vehicles and their trailers	30	X
HSB unit headlamps for motor vehicles	31	X
Prevention of fire risks	34	X
Filament lamps of power-driven vehicles and their trailers	37	X
Motor vehicles rear fog lamps	38	X
Speedometer equipment and its installation	39	X
Noise of motor cycles	41	X
Safety glazing materials	43	X
Restraining devices for child occupants of power-driven vehicles (Child restraint system)	44	X
Headlamp cleaners	45	X
Rear-view mirrors and their installation	46	X
Installation of lighting and light-signalling devices on motor vehicles	48	X
Emission of pollutants of heavy vehicles	49	X
Position lamps, stop lamps, direction indicators for motor cycles	50	X
Noise of vehicles having at least four wheels	51	X
Installation of lighting and light-signalling devices on category L3 vehicles	53	X
Pneumatic tyres for commercial vehicles	54	X
Mechanical coupling components	55	X
Headlamps for mopeds	56	X
Headlamps for motor cycles	57	X
Rear underrun protective devices and their installation	58	X
Replacement silencing systems	59	X
Driver operated controls of mopeds and motor cycles	60	X
External projections forward the cab of commercial vehicles	61	X
Protection against unauthorized use of vehicles with handlebars	62	X
Noise emissions of mopeds	63	X
Temporary-use spare wheels/tyres	64	X
Strength of the superstructure of large passenger vehicles	66	X

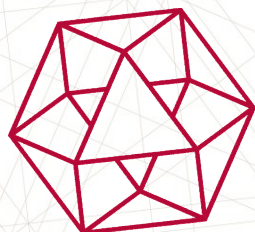


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UNECE Regulations

Subject	Basic UN/ECE Regulation No. <i>up to most recent amendment/s</i>	ISO17020
Motor vehicles using LPG	67	X
Rear marking plates for slow-moving vehicles	69	X
Field of vision, agricultural tractors	71	X
Motor cycle headlamps (HS1)	72	X
Lateral protection of goods vehicles	73	X
Installation of lighting and light-signalling devices on category L1 vehicles	74	X
Pneumatic tyres for motor cycles and mopeds	75	X
Parking lamps for vehicles	77	X
Braking of category L vehicles	78	X
Steering equipment	79	X
Seats of large passenger vehicles	80	X
Rear-view mirrors for motor cycles	81	X
Moped headlamps with HS2 lamps	82	X
Emission of pollutants according to engine fuel requirements	83	X
Measurement of the net power and the 30 min. power	85	X
Installation of lighting and light-signalling devices	86	X
Daytime running lamps for power-driven vehicles	87	X
Speed limitation of vehicles	89	X
Replacement brake lining assemblies and drum-brake linings for power-driven vehicles and their trailers	90	X
Side-marker lamps for motor vehicles and their trailers	91	X
Replacement exhaust silencing systems (RESS) for motorcycles	92	X
Front underrun protection	93	X
Protection of occupants against a frontal collision	94	X
Protection of occupants against a lateral collision	95	X
Emissions of Pollutants by Compression Ignition (CI) Engines to be installed in Agricultural & Forestry Tractors	96	X
Vehicle Alarm Systems (VAS)	97	X
Motor vehicle headlamps equipped with gas-discharge light sources	98	X
Gas-discharge light sources for use in approved gas-discharge lamp units of power-driven vehicles	99	X
Battery electric vehicles with regard to specific requirements for construction and functional safety	100	X

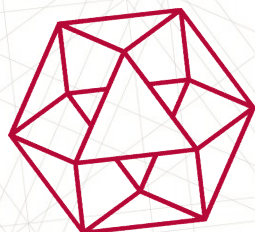


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UNECE Regulations

Subject	Basic UN/ECE Regulation No. <i>up to most recent amendment/s</i>	ISO17020
CO2 emissions / fuel consumption	101	X
Close-coupling device (CCD)	102	X
Replacement pollution control devices	103	X
Retro-reflective markings	104	X
Vehicles for the carriage of dangerous goods	105	X
Tyres for agricultural vehicles	106	X
General construction of buses and coaches	107	X
Retreaded tyres for passenger cars and their trailers	108	X
Retreaded tyres for commercial vehicles	109	X
CNG and LNG vehicles	110	X
Handling and stability of tank vehicles, categories N and O	111	X
Headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps	112	X
Headlamps emitting a symmetrical passing beam or a driving beam or both and equipped with filament lamps	113	X
Airbag module for a replacement airbag system	114	X
LPG and CNG retrofit systems	115	X
Anti-theft and alarms systems	116	X
Tyres, rolling resistance, rolling noise and wet grip	117	X
Fire resistance of interior materials	118	X
Cornering lamps	119	X
Net power of tractors and non-road mobile machinery	120	X
Identification of controls, tell-tales and indicators	121	X
Heating system of vehicles	122	X
Adaptive front lighting systems (AFS)	123	X
Replacement wheels for passenger cars	124	X
Forward field of vision	125	X
Partitioning systems	126	X
Pedestrian Safety	127	X
Light emitting diode (LED) light sources	128	X
Enhanced Child Restraint Systems (ECRS)	129	X
Lane Departure Warning System (LDWS)	130	X
Advanced Emergency Braking Systems (AEBS)	131	X
Retrofit Emission Control Devices (REC)	132	X



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UNECE Regulations

Subject	Basic UN/ECE Regulation No. <i>up to most recent amendment/s</i>	ISO17020
Hydrogen and fuel cell vehicles (HFCV)	134	X
Pole Side Impact (PSI)	135	X
Electric vehicles of category L (EV-L)	136	X
Frontal impact with focus on restraint systems	137	X
Quiet Road Transport Vehicles (QRTV)	138	X
Brake Assist Systems (BAS)	139	X
Electronic Stability Control (ESC) Systems	140	X
Tyre Pressure Monitoring Systems (TPMS)	141	X
Tyres installation	142	X
ISOFIX anchorage systems, ISOFIX top tether anchorages and i-Size seating positions	145	X
Mechanical coupling components of combinations of agricultural vehicles	147	X
Light Signalling Devices (LSD)	148	X
Road Illumination Devices (RID)	149	X
Retro-Reflective Devices (RRD)	150	X
Blind Spot Information System for the Detection of Bicycles	151	X
Advanced Emergency Braking System (AEBS)	152	X
Fuel system integrity and electric power train safety at rear-end collision	153	X
Worldwide harmonized Light vehicles Test Procedure (WLTP)	154	X
Automated Lane Keeping Systems (ALKS)	157	X
Devices for means of rear visibility or detection	158	X
Moving Off Information System (MOIS)	159	X
Event Data Recorder (EDR)	160	X
Vehicle locking system	161	X
Approval of immobilizers and vehicles fitted with	162	X
Vehicle alarm systems	163	X
Studded tyres with regard to their snow performance	164	X
Audible reverse warning signals	165	X
Vulnerable Road Users in Front and Side Close Proximity	166	X
Direct Vision	167	X
Light Duty Passenger	168	X
Event data recorders (EDR) for heavy-duty vehicles	169	X
Child restraint systems for safer transport of children in buses and coaches	170	X
Driver Control Assistance Systems (DCAS)	171	X
Retreaded tyres with regard to their snow performance and/or classification as traction tyre	172	X