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Upcoming Changes to EC Directives or Regulations with effect on Registration / Entry into Service

In order for motor vehicles to enter into service in Ireland, they must meet with the type approval requirements of various EC Directives and EC Regulations relating to their construction. Many of these Regulatory Acts contain mandatory dates by which vehicles must be registered or put into service before approvals lose their validity. The Table below lists regulatory acts which contain mandatory entry into service dates for motor vehicles.

Please note that this content is for information purposes only. It does not purport to set out all legal obligations relating to the entry into service of motor vehicles and their systems, components and separate technical units. It is not, nor should it be treated as, a definitive or legal interpretation of the applicable law and its requirements.

Vehicles which conformed to mandatory type approval requirements at the time of their construction but which were not registered or put into service before the type-approval in question lost its validity may be eligible for an extended period for registration by way of an end of series derogation. For details on how to apply for an end of series derogation, please click on the following link;

<http://www.rsa.ie/en/RSA/Your-Vehicle/Vehicle-Standards/End-of-Series-Vehicles/>

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EC Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration¹	Eligible Vehicles
Regulation (EU) 2017/2400	Requires vehicle manufacturers to determine CO2 emissions and fuel consumption figures using the VECTO simulation tool.	N2 category vehicles with a GVW greater than 7,500 kg and N3 category vehicles falling into vehicle groups 1, 2 and 3.	31/12/2019	CoC issue date no later than 30/09/2019
Regulation (EU) 2019/631	Requires vehicle manufacturers to meet an average CO2 emissions target equivalent to 95 g/km for 95% of the M1 category vehicles that they register within the European Union between 01/01/2020 and 31/12/2020, or face fines for non-compliance.	M1 Vehicles	31/12/2019	Information for industry only
Regulation (EU) 2019/631	Requires vehicle manufacturers to meet an average CO2 emissions target equivalent to 147 g/km (NEDC) for all of the N1 category vehicles that they register within the European Union in calendar years 2020 to 2024, or face fines for non-compliance.	N1 Vehicles	31/12/2019	Information for industry only
Regulation (EU) 2017/2400	Requires vehicle manufacturers to determine CO2 emissions and fuel	N2 category vehicles with a GVW greater than 7,500 kg and N3	30/06/2020	CoC issue date no later than 31/03/2020

¹ Last date of registration where an end-of-series derogation has not been granted.

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EC Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration ¹	Eligible Vehicles
	consumption figures using the VECTO simulation tool.	category vehicles falling into vehicle groups 11, 12 and 16		
UN Regulation No. 118.02	Extends the scope of the Regulation to include materials used in the interior of the vehicle, but which are not part of the passenger compartment (e.g. crew compartments, etc.), requires materials to be tested in an orientation that represents their intended installation position and introduces an alternative standard for burning behaviour; ISO 5658-2.	M2, M3	25/07/2020	CoC issue date no later than 25/04/2020
Regulation (EU) 2017/1151	Requires real driving emissions (RDE) testing to comply with the NOx emissions limit, using a conformity factor of 2.1.	N1 Class II and Class III, N2 category vehicles certified to the light duty emissions Regulation	31/08/2020	CoC issue date no later than 31/05/2020
Regulation (EU) 2017/1154	Requires real driving emissions (RDE) testing to comply with the particulate number (PN) emissions limit, using a conformity factor of 1.5.	N1 Class II and Class III, N2 category vehicles certified to the light duty emissions Regulation.	31/08/2020	Not considered

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EC Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration ¹	Eligible Vehicles
Regulation (EU) 2018/1832	Introduces new in-service conformity (ISC) emissions testing requirements.	N1 Class II and Class III, N2 category vehicles certified to the light duty emissions Regulation.	31/08/2020	CoC issue date no later than 31/05/2020
Regulation (EC) No. 661/2009	Mandatory compliance with the 2nd stage limits on maximum rolling resistance for vehicles fitted with C3 class tyres.	M, N, O	31/10/2020	EOS availability not yet confirmed
Regulation (EU) 2017/1151	Requires real driving emissions (RDE) testing to comply with the NOx emissions limit, using a conformity factor of 1.5, for vehicles certified to the light duty emissions requirements. (AP for DG vehicles)	M1, M2, N1 Class I	31/12/2020	CoC issue date no later than 30/09/2020
Regulation (EU) 2018/1832	Requires vehicles with internal combustion engines and hybrid vehicles to be equipped with a device for determining, storing and making available the fuel and/or electrical energy consumption of the vehicle throughout its lifetime. (AP for AM and DG vehicles)	M1, N1 Class I	31/12/2020	CoC issue date no later than 30/09/2020
Regulation (EU) 2018/295	Requires vehicle manufacturers to demonstrate the In-Use Performance Ratio (IUPR)	L3e, L4e, L5e and L7e	31/12/2020	EOS availability not yet confirmed

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EC Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration ¹	Eligible Vehicles
	determination functionality of their on-board diagnostic (OBD) systems.			
Article 23(3)(c) of Regulation (EU) No. 168/2013	Increases the minimum accumulated distance that the vehicle must have covered before it can be tested for the application of the mathematical durability procedure.	L category vehicles tested in accordance with the mathematical durability procedure	31/12/2020	EOS availability not yet confirmed
Article 21(3) of Regulation (EU) No. 168/2013	Requires vehicles to be fitted with an on-board diagnostic (OBD) system meeting the OBD Stage I requirements	Stage I functional requirements: L3e, L4e, L5e and L7e	31/12/2020	EOS availability not yet confirmed
Article 21(5) of Regulation (EU) No. 168/2013	Requires vehicles to be fitted with an on-board diagnostic (OBD) system meeting the OBD Stage II requirements, except for catalyst monitoring	Stage II functional requirements: L3e ² , L4e, L5e-A and L7e-A	31/12/2020	EOS availability not yet confirmed
Point 1.1.1.4. of Annex IV to Regulation (EU) No. 168/2013	Requires vehicles to comply with the revised Worldwide harmonised Motorcycle Testing Cycle (WMTC)	L category vehicles	31/12/2020	EOS availability not yet confirmed

² Does not include L3e-AxE or L3e-AxT (where x is 1, 2 or 3)

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Point 1.1.2.3. of Annex IV to Regulation (EU) No. 168/2013	Requires vehicles to comply with the Euro 5 emissions limits specified in Annex VI of Regulation (EU) No. 168/2013	All L category vehicles (except L2e-U, L3e-AxE, L3e-AxT ² and L6e-B category vehicles)	31/12/2020	CoC issue date no later than 31/12/2020. The number of end-of-series vehicles shall not exceed 10% of the number of vehicles registered in the two preceding years or 100 vehicles, whichever is higher.
Point 1.4.7. of Annex IV to Regulation (EU) No. 168/2013	Sealed house for evaporation determination (SHED) test or fuel permeation test, pending study results referred to in Article 23(4) and (5)	L1e-A, L1e-B, L2e, L5e-B, L6e-B, L7e-B, L7e-C	31/12/2020	EOS availability not yet confirmed
Point 1.4.8. of Annex IV to Regulation (EU) No. 168/2013	SHED test limits, Annex VI (C2), pending study results referred to in Article 23(4) and (5)	L category vehicles	31/12/2020	EOS availability not yet confirmed
Point 1.5.3. of Annex IV to Regulation (EU) No. 168/2013	Requires vehicles to comply with the Euro 5 durability mileages and deterioration factors referred to in Annex VII (A) and (B)	L category vehicles	31/12/2020	CoC issue date no later than 31/12/2020. The number of end-of-series vehicles shall not exceed 10% of the number of vehicles registered in the two preceding years or 100 vehicles, whichever is higher.

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EC Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration¹	Eligible Vehicles
Regulation (EU) 2015/166	Requires compliance with the cab strength requirements of either UN Regulation No. 29	N2, N3	29/01/2021	EOS availability not yet confirmed
UN Regulation No. 79.02	Introduces definitions for six categories of automatically commanded steering functions (ACSF). Clarifies requirements for automatically commanded steering functions for park assist systems and/or lane keep assist systems.	M, N, O	31/03/2021	EOS availability not yet confirmed
Regulation (EU) 2020/740	Introduces revised requirements for tyre labelling and extends the requirements to cover category C3 tyres.	M, N, O	30/04/2021	EOS availability not yet confirmed
Regulation (EU) 2019/1213	Outlines interoperability and compatibility requirements of onboard weighing equipment.	M2, M3, N2, N3, O	26/05/2021	For information purposes only
Regulation (EU) 2017/1576	Introduces new requirements on acoustic vehicle alerting systems (AVAS) fitted to quiet road transport vehicles.	Quiet road transport vehicles of category M and N	30/06/2021	EOS availability not yet confirmed

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EC Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration¹	Eligible Vehicles
Regulation (EU) 540/2014	Requires the mandatory fitment of an acoustic vehicle alerting system (AVAS) quiet road transport vehicles.	Quiet road transport vehicles of category M and N	30/06/2021	EOS availability not yet confirmed
UN Regulation No. 16.07	Requires safety belt reminder systems to be fitted to all seating positions except for suspension seats and removable rear seats.	M1 and N1	31/08/2021	EOS availability not yet confirmed
UN Regulation No. 16.07	Requires safety belt reminder systems to be fitted to all front row seating positions except for suspension seats.	M2, M3, N2, N3	31/08/2021	EOS availability not yet confirmed
UN Regulation No. 58.03	Requires rear underrun devices to withstand higher test forces. Reduces the ground clearance for certain classes of rear underrun. Requires an increased section height for certain devices.	Vehicles of Categories M, N and O	31/08/2021	EOS availability not yet confirmed
UN Regulation No. 67.02	Introduces a requirement to ensure that it is possible to externally inspect the LPG container and its accessories once installed onto the vehicle without the use of tools.	Vehicles of category M and N	31/08/2021	EOS availability not yet confirmed

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EC Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration ¹	Eligible Vehicles
UN Regulation No. 79.03	<p>Sets out requirements for automatically commanded steering functions (ACSF).</p> <p>Introduces new requirements to cover an Emergency Steering Function (ESF), i.e. a function which automatically detects a potential collision and automatically steers the vehicle to avoid or mitigate such a collision</p> <p>Specifies the special requirements to be applied to the safety aspects of electronic control systems.</p>	M, N, O	31/08/2021	EOS availability not yet confirmed
Regulation (EU) 2017/1151	Requires real driving emissions (RDE) testing to comply with the NOx emissions limit, using a conformity factor of 1.5, for vehicles certified to the light duty emissions requirements.	N1 Class II, Class III, N2	31/12/2021	EOS availability not yet confirmed
Regulation (EU) 2018/1832	Requires vehicles to be equipped with a device for determining, storing and making available the fuel and/or electrical energy	N1 Class II, Class III	31/12/2021	EOS availability not yet confirmed

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EC Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration ¹	Eligible Vehicles
	consumption of the vehicle throughout its lifetime.			
Regulation (EU) 2019/1939	Requires particulate number (PN) emissions to be measured during portable emissions measurement system (PEMS) testing and requires "cold start" emissions to be included in the evaluation of the final PEMS emissions test results. Also requires vehicle manufacturers to submit an extended documentation package giving details of any auxiliary emissions strategies (AES).	Vehicles of category M2, M3, N2, N3, excluding Type 1A and Type 1B dual fuel engines, that are certified to the heavy-duty vehicle emission requirements	31/12/2021	EOS availability not yet confirmed
Regulation (EU) 2019/129	Requires vehicles to be fitted with an onboard diagnostic (OBD) system meeting the OBD Stage I and Stage II requirements, including those relating to catalytic converter monitoring, using the Euro 5 OBD threshold limits.	L3e-A1, L3e-A2, L3e-A3, L4e, L5e-A and L7e-A category vehicles	31/12/2024	EOS availability not yet confirmed
Regulation (EU) 2019/129	Requires vehicles to comply with the Euro 5 emissions limits specified in Annex VI of (EU) No. 168/2018 when	L2e-U, L3e-AxE, L3e-AxT and L6e-B category vehicles	31/12/2024	EOS availability not yet confirmed

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EC Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Last date of registration ¹	Eligible Vehicles
	tested to the procedures specified in (EU) No. 134/2014.			

Glossary

Term	Definition ³
L	L-category vehicles is a term covering a wide range of different vehicle types with two, three or four wheels e.g. powered cycles, two and three-wheel mopeds, two and three-wheel motorcycles, motorcycles with side-cars, road quads used on public roads and mini-cars.
M	Power-driven vehicles having at least four wheels and used for the carriage of passengers
N	Power-driven vehicles having at least four wheels and used for the carriage of goods
O	Trailers (including semi-trailers)
L1e	Light two-wheel powered vehicle
L1e-A	Powered cycle
L1e-B	Two-wheel moped
L2e	Three-wheeled moped
L2e-P	Three-wheel moped for passenger transport
L2e-U	Three-wheel moped for utility purposes
L3e	Two-wheel motorcycle
L3e-A1	Low-performance motorcycle
L3e-A2	Medium-performance motorcycle
L3e-A3	High-performance motorcycle
L3e-AxE (x = 1, 2 or 3)	Enduro motorcycles
L3e-AxT	Trial motorcycles

³ Any definition listed here is for information purposes only. It is not, nor should it be treated as, a definitive or legal interpretation of the applicable law and its requirements. For legal definitions, refer to the relevant legislation.

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Term	Definition ³
(x = 1, 2 or 3)	
L4e	Two-wheel motorcycle with side-car
L5e	Powered tricycle
L5e-A	Tricycle
L5e-B	Commercial tricycle
L6e	Light quadricycle
L6e-A	Light on-road quad
L6e-B	Light quadri-mobile
L7e	Heavy quadricycle
L7e-A	Heavy on-road quad
L7e-B	Heavy all terrain quad
L7e-C	Heavy quadri-mobile
M1	Vehicles used for the carriage of passengers and comprising not more than eight seats in addition to the driver's seat.
M2	Vehicles used for the carriage of passengers, comprising more than eight seats in addition to the driver's seat, and having a maximum mass not exceeding 5 tonnes.
M3	Vehicles used for the carriage of passengers, comprising more than eight seats in addition to the driver's seat, and having a maximum mass exceeding 5 tonnes.
N1	Vehicles used for the carriage of goods and having a maximum mass not exceeding 3.5 tonnes.
N2	Vehicles used for the carriage of goods and having a maximum mass exceeding 3.5 tonnes but not exceeding 12 tonnes.
N3	Vehicles used for the carriage of goods and having a maximum mass exceeding 12 tonnes.
O1	Trailers with a maximum mass not exceeding 0.75 tonnes.
O2	Trailers with a maximum mass exceeding 0.75 tonnes, but not exceeding 3.5 tonnes.
O3	Trailers with a maximum mass exceeding 3.5 tonnes, but not exceeding 10 tonnes.
O4	Trailers with a maximum mass exceeding 10 tonnes.
Mass in running order	The mass of the vehicle, with its fuel tank(s) filled to at least 90% of its or their capacity/capacities, including the mass of the driver, of the fuel and liquids, fitted with the standard equipment in accordance with the manufacturer's specifications and, when they are fitted, the mass of the bodywork, the cabin, the coupling and the spare wheel(s) as well as the tools

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Term	Definition³
Reference mass	For the purpose of this document the reference mass has been simplified and is taken to mean the mass in running order + 25 kg. For the definition of reference mass, refer to the relevant legislation.
N1 Class I	N1 vehicle with a reference mass less than or equal to 1305 kg
N1 Class II	N1 vehicle with a reference mass greater than 1305 kg but less than 1760 kg
N1 Class III	N1 vehicle with a reference mass greater than 1760 kg