

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/>

EC Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Application date in the Directive for Registration / Entry into Service	Eligible Vehicles ¹
Regulation (EU) No. 168/2013	Euro 4 Emissions	Motorcycles (L1e, L2e, L6e)	01/01/2018	CoC issue date no later than 31/12/2017. 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.
Regulation (EC) No. 661/2009	Tyres: Fitment of C1 and C2 tyres that comply with rolling resistance limits to Annex II Part B Table 2 for all vehicles	M, N, O	01/11/2018	CoC issue date no later than 31/07/2018
Regulation (EU) No. 347/2012 Implementing Regulation (EC) No. 661/2009	Advanced Emergency Braking Systems. Approval Level 2	Fitment of advanced emergency braking systems (AEBS) to M2, M3, N2 and N3 with exceptions	01/11/2018	CoC issue date no later than 31/07/2018

¹ For L category vehicles: vehicles within the territory of the Union which were covered by a valid EU type-approval at the time of their production, but which neither were registered nor entered into service before that EU type-approval lost its validity. 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.

For M, N, O category vehicles: Vehicles of any one type shall be restricted to those for which a valid certificate of conformity was issued on or after the date of manufacture and which remained valid for at least three months after its date of issue but subsequently lost its validity due to the entry into force of a regulatory act

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EC Directive or Regulation	Subject/ Requirements	Vehicle Category Affected	Application date in the Directive for Registration / Entry into Service	Eligible Vehicles ¹
UN Regulation No. 107.06	Category M2 or M3 vehicles with regard to their general construction	M2 and M3 vehicles	11/06/2019	CoC issue date no later than 10/03/2019
Regulation (EU) 2017/2400	Vehicle Energy Consumption Tool (VECTO)	Vehicles in groups 4, 4v, 5, 5v, 9, 9v, 10, 10v in Table 1 of Annex I of 2017/2400	01/07/2019	CoC issue date no later than 31/03/2019
Regulation (EC) No. 78/2009	Pedestrian Protection: 78/2009 Annex 1 Section 3	Compliance with the Stage 2 pedestrian protection requirements for M1 category vehicles with a maximum mass greater than 2500 kg and N1 category vehicles (other than those derived from M1 category vehicles, with a GVW <u>less than or equal to</u> 2500 kg)	24/08/2019	CoC issue date no later than 23/05/2019
Regulation (EU) 2017/1151	Emissions from light passenger and commercial vehicles (Euro 5 and Euro 6) and on access to vehicle repair and maintenance information (WLTP)	N1 vehicles of Class II and III and Category N2 vehicles with a reference mass not exceeding 2,610 kg	01/09/2019	CoC issue date no later than 31/05/2019
Regulation (EU) 2017/1151	Light duty emissions evaporative emissions testing	N1 vehicles of Class II and III and Category N2 vehicles	01/09/2019	CoC issue date no later than 31/05/2019

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Regulation (EU) 2017/1151	Requires real driving emissions (RDE) testing to comply with the NOx emissions limit, using a conformity factor of 2.1	M1, M2 and N1 Class I category vehicles certified to the light duty emissions Regulation	01/09/2019	CoC issue date no later than 31/05/2019
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	M1, M2 and N1 Class I category vehicles certified to the light duty emissions Regulation	01/09/2019	CoC issue date no later than 31/05/2019
Regulation (EU) 136/2014	Mandates Euro 6c emissions limits and Euro 6-2 OBD standard	N1 Class II, III, N2	01/09/2019	CoC issue date no later than 31/05/2019
Regulation (EU) 2018/1832	Introduces new in-service conformity (ISC) emissions testing requirements.	M1, M2, N1 Class I with a reference mass not exceeding 2,610 kg	01/09/2019	CoC issue date no later than 31/05/2019
Regulation (EU) 2016/1718	Euro VI Step D emissions	M3, N3 and M1, M2, N1, N2 category vehicles with a reference mass exceeding 2,610 kg	01/09/2019	CoC issue date no later than 31/05/2019
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.	01/01/2020	CoC issue date no later than 30/09/2019
Regulation (EU) 2019/631	Requires vehicle manufacturers to meet an average CO2 emissions	M1 Vehicles	01/01/2020	Information for industry only

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	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.			
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	01/01/2020	Information for industry only
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 11, 12 and 16	01/07/2020	CoC issue date no later than 31/03/2020
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	M2, M3	26/07/2020	CoC issue date no later than 25/04/2020

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	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.			
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	01/09/2020	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.	01/09/2020	Not considered
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.	01/09/2020	CoC issue date no later than 31/05/2020
Regulation (EC) No. 661/2009	Mandatory compliance with the 2nd stage limits on maximum rolling	M, N, O	01/11/2020	To be decided

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	resistance for vehicles fitted with C3 class tyres.			

Glossary

Term	Definition ²
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
L2e	Three-wheeled moped
L3e	Two-wheel motorcycle
L4e	Two-wheel motorcycle with side-car
L5e	Powered tricycle
L6e	Light quadricycle
L7e	Heavy quadricycle
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.

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Term	Definition ²
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
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