

No. 03-13

Type-Approval Procedure

Information System of the German Type-Approval Authority

"Eco-innovations in the type-approval procedure under Directive 2007/46/EC as amended by Regulation (EU) No 195/2013 in conjunction with Regulation (EC) No 715/2007"

The issue or question at hand:

What is the procedure for taking into account CO₂-reductions through eco-innovations under Regulation (EU) No 195/2013?

Result:

The following schedule is aimed at clarifying and setting out the procedure for the inclusion of ecoinnovations into a system type under Regulation (EC) No 715/2007 (emissions, fuel consumption) and for certain variants/ versions of a whole vehicle type under Directive 2007/46/EC.

The basis and other applicable provisions are:

- [1] Regulation (EC) No 443/2009 setting emission performance standards for new passenger cars as part of the Community's integrated approach to reduce CO₂ emissions from light-duty vehicles
- [2] Regulation (EU) No 725/2011 establishing a procedure for the approval and certification of innovative technologies for reducing CO₂ emissions from passenger cars pursuant to Regulation (EC) No 443/2009 of the European Parliament and of the Council
- [3] Technical Guidelines for the preparation of applications for the approval of innovative technologies pursuant to Regulation (EC) No 443/2009 of the European Parliament and of the Council

as well as previously published Implementing Decisions of the EU Commission (COM):

2013/128/EU - LED lighting Code "1" 2013/341/EU - alternative generator Code "2"

. . .

and Regulation (EU) No 195/2013 amending Directive 2007/46/EC, which establishes the framework for the procedure in the type-approval procedure.

Procedure

1st step:

The vehicle manufacturer or a supplier applies to the COM for an eco-innovation pursuant to [1] Article 12 and [2] with due regard to [3]. The extent of the documentation and the approved technical services (TS) are defined in [2]. After filing the **complete** application documents including a test procedure in accordance with [3], the COM decides within **9 months**. If the COM determines that the process is too complex or extensive for processing within **9 months** it decides within **14 months**.

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Responsible:	Approval by:
	
Vehicle manufacturer/supplier	COM, EC-CO2-LDV-IMPLEMENTATION@ec.europa.et

2nd step:

The COM adopts and publishes an Implementing Decision on the requested eco-innovation (e.g. 2013/128/EU or 2013/341/EU, see above) at:

http://ec.europa.eu/clima/policies/transport/vehicles/cars/documentation_en.htm.

The technical testing procedure as well as the usage factors and, where applicable, statistical confirmations are laid down in the Implementing Decision. In addition, the code of the eco-innovation is determined. This code is required for the following steps.

Responsible:	Approval by:
•	., ,
COM	COM

3rd step:

In the course of system approval under Regulation (EC) No 715/2007 last amended by Regulation (EC) No 195/2013 the vehicle manufacturer applies for CO_2 -reductions through eco-innovations. Testing is carried out by a TS designated for tests under Regulation (EC) No 715/2007 in accordance with the specifications set out in the respective Implementing Decision or in several Implementing Decisions. The information required under Regulation (EU) No 195/2013 (including a table detailing the measured and calculated CO_2 -reductions with reference to the Implementing Decision and code) must be included in the information document for the system type.

The type-approval authority takes the eco-innovations into account in issuing the type-approval and, where relevant, includes the information from the information document on the supplementary sheet to the EC type-approval certificate (2.6.). The type-approval authority determines the general code for the eco-innovations on this supplementary sheet (2.6.1.).

e.g. "e1 1 2"

Responsible: Approval by:

Vehicle manufacturer Type-approval authority, KBA
(Federal Motor Transport Authority)

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4th step:

The vehicle manufacturer applies for a new or extended type-approval for the whole vehicle type (WVTA) pursuant to Directive 2007/46/EC as last amended by Regulation (EC) No 195/2013. For some variants/versions CO₂-reductions through eco-innovations are set out in the information document in accordance with the system approvals issued. These are also included in the schedule of test results under Annex VIII. The type-approval authority issues/extends the WVTA. The general code of the eco-innovations corresponds with the code set out in the system approval.

Example:

System approval was issued by the Irish type-approval authority under the general code "e24 1". The same code is adopted by the KBA (Federal Motor Transport Authority) when granting the WVTA.

Responsible: Approval by:

Vehicle manufacturer Type-approval authority, KBA
(Federal Motor Transport Authority)

5th step:

The vehicle manufacturer issues certificates of conformity in accordance with the approved type and enters the amount of CO₂-reduction through eco-innovations for each variant/version.

Responsible:

Vehicle Manufacturer

Flensburg, 20 August 2013 400-331/118 Volker Suwe

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