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Introduction of the new UNECE Numbering System

This is extracted from Schedule 4 of Revision 3 of the 1958 Agreement

An approval number shall be assigned to each type approved. The type approval number shall consist of 4 sections. Each section shall be separated by the '*' character.

- Section 1:** The capital letter 'E' followed by the distinguishing number of the Contracting Party which has granted the type approval.
- Section 2:** The number of the relevant UN Regulation, followed by the letter 'R', successively followed by:
- (a) Two digits (with leading zeros as applicable) indicating the series of amendments incorporating the technical provisions of the UN Regulation applied to the approval (00 for the UN Regulation in its original form);
 - (b) A slash and two digits (with leading zeros as applicable) indicating the number of supplement to the series of amendments applied to the approval (00 for the series of amendments in its original form);
 - (c) A slash and one or two character(s) indicating the implementing stage, if applicable.
- Section 3:** A four-digit sequential number (with leading zeros as applicable). The sequence shall start from 0001. (Please note that the UN will allow up to six numbers here).
- Section 4:** A two-digit sequential number (with leading zeros if applicable) to denote the extension. The sequence shall start from 00.

All digits shall be Arabic digits.

The same Contracting Party shall not assign the same number to another approval. The result should look like this

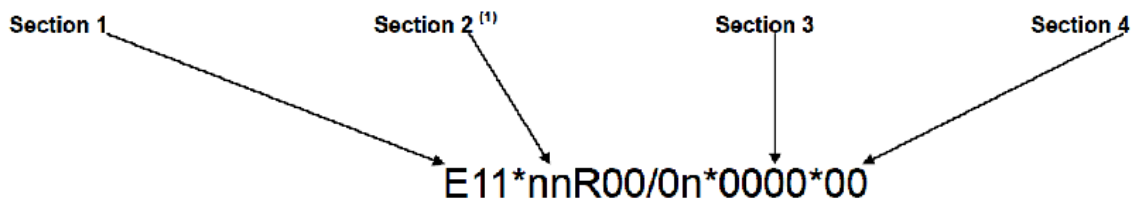


Figure 1

(1) The letters n stands for the regulation & supplement numbers which you add as appropriate

Examples given in UNECE Schedule 4 Document:

Example of the second extension to the fourth type approval issued by the Netherlands according to UN Regulation No. 58 in its original version:

E4*58R00/00*0004*02

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Example of the first extension to the 2439th type approval issued by the United Kingdom of Great Britain and Northern Ireland for a vehicle approval according to UN Regulation No. 83, third series of amendments, version for a vehicle of category M, N1 class I with regard to the emission of pollutants according to engine fuel requirements:

E11*83R03/00/J*2439*01

Detailing of the approval mark requirements in Regulation 83.06:



83 R - 062439 - J

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Question 1) What date do we have to start to use this new approval number system?

Answer: Communication in VISTA has stated the 18 November; therefore VCA will implement the change from this date.

Question 2) To which approvals will VCA be applying the new numbering system? New approvals from the implementation date or to existing approvals also?

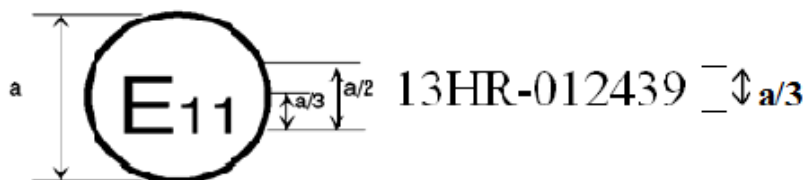
Answer: The original intention of schedule 4 is to apply to new approvals from the implementation date. Therefore VCA will apply the UNECE numbering system of schedule 4 to the following:
- NEW UNECE approvals granted from 18 November 2017.

Please note that existing approvals will remain in the 'old' approval format and this will be permitted to continue. If the manufacturer requests that the new numbering system is applied to existing approvals then it is permitted to adopt the approval number in schedule 4, but only if requested.

Question 3) What about approval characters in UNECE approval numbers – will these be included in the new approval number format? (eg. R13H, R17, R34, R64.02, R116)?

Answer: VCA will issue approval numbers according to schedule 4, Revision 3 of the 1958 agreement. Additional characters as required by the approval marking section in the individual Regulation will only be included if they are an implementing stage. VCA will monitor this situation with other approval authorities to ensure there is a common approach.

Regulation 13H Example

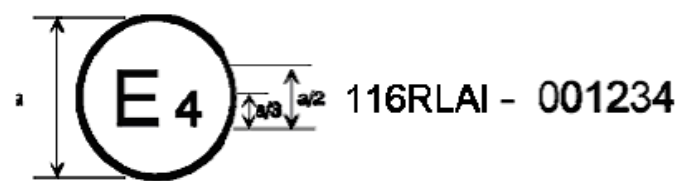


Example of the approval number on the certificate: E11*13HR00/09*2439*00

The 'H' will need to remain otherwise the approval could be confused with 13R.11.

Regulation R116 Example

Approval marking:



Example of the approval number on the certificate: E11*116R00/00*1234*00

The additional characters are not considered an implementing stage.

Regulation R17 Example

Approval marking:

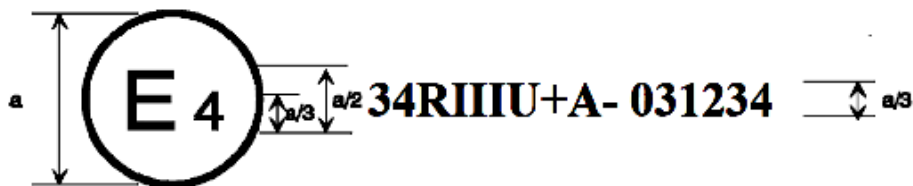


Example of the approval number on the certificate: E11*17R08/03*2439*00

The additional characters are not considered an implementing stage.

Regulation R34 Example

Approval marking:



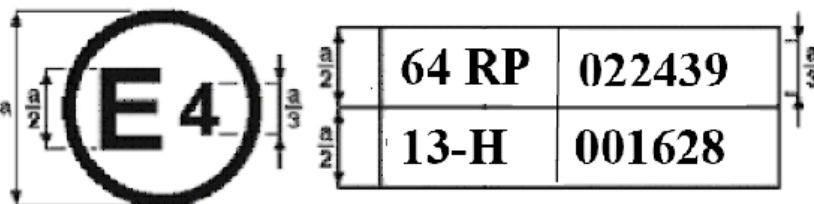
a = 8 mm min

Example: E11*34R03/02*1234*00

The additional characters are not considered an implementing stage.

Regulation R64 Example

Approval marking:



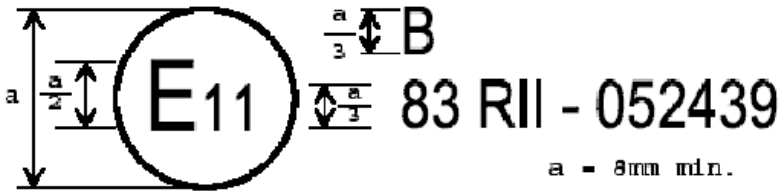
Example of the approval number on the certificate: E11*64R02/00*1234*00

The additional characters are not considered an implementing stage.

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Regulation 83.05 Example

Approval marking:



Example of the approval number on the certificate: E11*83R05/00/II*2439*01

The additional characters are included because 'II' is an implementing stage to Regulation 83 and therefore follows the requirements of 1958 Agreement Revision 3 schedule 4.

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Regulation	Example of where implementing stage characters will be included	Regulation	Example of where additional characters will be included
13H.00 (but not 13H.01)	E11*13HR00/00*2439*00 No implementing stages	17	E11*17R08*2439*00 No implementing stages
34	E11*34R03/02*1234*00 No implementing stages	37	E11*37R02/45*A01*00 No implementing stages
49	E11*49R06/00/A*1234*00 R49 will have an implementing stage	52	E11*52R01/00*1234*00 No implementing stages
64.02 (but not 64.00, 64.01 or 64.03)	E11*64R02/00*1234*00 No implementing stages	83	E11*83R05/00/I*2439*01 R83 will have an implementing stage
96	E11*96R04/00*1857*01 No implementing stages	97	E11*97R01/00*1234*00 No implementing stages
100	E11*100R00/00*1234*00 No implementing stages	105	E11*105R06/00*2492*01 No implementing stages
107	E11*107R06/06*1234*00 No implementing stages	115	E11*115R00/00*0001*00 No implementing stages
116	E11*116R00/00*1234*00 No implementing stages	117	E11*117R02/09/S1WR1*1234*00 R117 will have an implementing stage
118	E11*118R02/03*1234*00 No implementing stages	132	E11*132R01/00*1234*00 No implementing stages
136	E11*136R00/00*1234*00 No implementing stages		

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Questions 4) Does this affect my approval marking?
Answer: No. The new numbering system only affects the approval numbering on the approval certificate. The approval marking for the product remains unchanged.
Question 5) What is requested from the OEM for the new change in approval number format?
The manufacturers are required to add the supplement number applied for to their information document.
Question 6) The manufacturer includes the approval number on their information document, does the manufacturer need to update the approval number format listed within the information document to the new numbering format and when should they do this?
Answer: VCA advice is as follows:
1) For new approvals the OEM can either write ‘New approval’ or list the new approval number in the format confirmed on any issued provisional numbers letter from VCA. If the provisional number has been granted in accordance with the old format VCA will issue the certificate with the new numbering format and then the OEM is requested to update the approval number format at the next extension.
2) If the OEM requests an extensions to an existing approval with the ‘old’ numbering system to be updated to the new numbering system it is requested to communicate this to VCA by adding it to the reasons for extension; ie: “Request to update approval number according to 1958 Rev 3 Schedule 4”. VCA will then update the approval number on the certificate in line with schedule 4. The OEM may apply for this extension with the old approval number format listed on their document. However, the OEM at the next extension should apply the new numbering system to the application document.
Question 7) What number should be listed on the part III list of the WVTA?
Answer: The part III should list the approval number issued on the certificate. The part III list for a WVTA may have a mix of approval number formats for different subject items depending on which approvals are new or have been extended – this is acceptable.

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Introduction of 'Revisions' to UNECE Regulations

Schedule 3 of the 1958 Agreement Rev 3 details the provisions for UNECE Revisions.

2.5 When particulars of the type as recorded in the information documents and test reports have changed and the Contracting Party considers that the changes are unlikely to have an appreciable adverse effect on the environmental and/or functional safety performance, and that in any case the type still complies with the requirements of the UN Regulations concerned, the modification of the UN type approval shall be designated as a "revision".

This will be introduced using the same principles as EU regulations index revisions with the added COP information requested under schedule 3.

Question 1) Will VCA implement a Revision Sheet for UNECE Applications?

Answer: Yes, in accordance with 1958 agreement Revision 3, schedule 3 section 2.5. This will be implemented in the same way for EU Regulation today but will also contain the COP clearance information required by Schedule 1. The specific UNECE index Revision sheet will look like this:

INFORMATION PACKAGE CONTENTS		
INDEX REVISION NUMBER: Not applicable		
Conformity of Production (COP) Declaration	COP Confirmed	
Assessment Method	COP Audit	
Date of Initial Clearance	-	Pre 2013
Date of Last Clearance	May	2017
Total number of sheets: 00 (Nil)		

Question 2) If an OEM requests an extension to an approval with the old numbering to be updated to the new numbering system of schedule 4, what number will be used on the revision sheet from first issue? Will it match the extension number?

Answer: No, the revision page will be issued at 00 levels for first issue.

Question 3) If completing an extension to an existing approval originally issued before the 18th November 2017 (ie: with the 'old' approval numbering system) and without updating the approval number at the next extension will an index revision sheet be issued?

Answer: No. UNECE Index revision sheets will only be issued where the new numbering system according to schedule 4 is used.

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Conformity of Production Information required as part of the information package

The COP information requested in Schedule 3 of the 1958 agreement below will be added to the Revision sheet:

*1.11. The approval authority shall ensure that the following is included in the approval documentation:
(e) A statement of compliance with the conformity of the production requirements of Schedule 1 annexed to the 1958 Agreement, detailing which of the arrangements referred to in paragraph 1.3 of Schedule 1 annexed to the 1958 Agreement have been taken into account as the basis for the initial assessment as well as the date of the initial assessment and any surveillance activities;*

Question 1) Where will this information be included within the approval package?

Answer: VCA will include this information on the UNECE index revision sheet. The information required is contained within the VCA COP database. No additional information is required on the OEM's Information document.

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Additional information required within the VCA test report

Schedule 3

1.11. The approval authority shall ensure that the following is included in the approval documentation:

(a) A record of the worst-case selection and the justification for that selection. This may include information provided by the manufacturer;

‘(b) A record of any significant technical interpretation made, different test methods applied, or new technology introduced;’

(c) A test report from the technical service that includes recorded values achieved for measurements and tests as required by the UN Regulation;

Today the VCA report has provisions for (a) and (c). However, an additional entry will be added to all VCA test reports to document the elements of (b).

Significant Technical Interpretations.


These are covered under Schedule 6 of the 1958 agreement.

Provisions for granting exemption approvals for new technologies.

Schedule 7 includes provisions for granting these exemptions, much in the same way of article 20 to the EU Regulatory framework.

Alternative test methods.

This is according to section 1.8 of schedule 3, including virtual testing where permitted by the individual regulation.

 Vehicle Certification Agency	VCA, 1 Eastgate Office Centre, Eastgate Road, Bristol, BS5 6XX, United Kingdom enquiries@vca.gov.uk www.dft.gov.uk/vca +44(0) 300 330 5797	
	Report Number:	Issue: 0
This test report shall not be reproduced except in full, without written approval of the technical service.		
Worst Case Rationale		
<div style="background-color: #e0ffe0; height: 20px;"></div>		
<i>Note: Include information on variants and versions this report covers, as applicable. Supporting documents may be annexed to this report</i>		
Significant Interpretations, Alternative Test Methods, New Technologies		
<div style="background-color: #e0ffe0; height: 20px;"></div>		

A reference to a VCA Technical Interpretation in VISTA is acceptable or a document number logged between VCA and the manufacturer.

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Question 1) What is required from the OEM?
Answer: Robust worst casing needs to be continued to be documented and this will, as a minimum, be referenced within the test report. Any requests for Technical Interpretation needs to be continued to be formally documented, again to allow for referencing on the VCA test report.
Question 2) When will VCA reports be changed?
Target completion of updating all test reports will be by 31 December 2017. To allow for this any test started on or after the 1 January 2018 should include the new format and contain the relevant details as required by the 1958 Agreement Revision 3. Any tests started prior to the 1st January 2018 but where the approval is issued at a later date can be issued with the old test report format.