

RUT955 ECE Regulation 118

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ECE Regulation No. 118 is responsible for uniform technical prescriptions concerning the burning behaviour and/or the capability to repel fuel or lubricant of materials used in the construction of certain categories of motor vehicles.

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Description

The standard decides the burning rate of materials in the occupant compartments of motor vehicles. Requirements of burning rates are found in ECE Regulation 118.

Standards applied

The device in question and its components were considered under the following:

| | |
|-----------------------------------|---|
| External case of RUT955 | Material: Aluminium with ABS+PC panel In accordance with <i>Reg. ECE points 6.2.7.1 and 6.2.7.2</i> it is not necessary to submit this component to the tests in the Annexes VI, VII and VIII*. |
| External connectors | The above told connectors are fabricated in plastic material and metal. Their surface and volume does not exceed respectively the are of 300 cm ² or 120 cm ² , considering the most onerous condition foreseen by <i>Reg. 118 ECE (point 6.2.7.3.2)</i> . |
| Miscellaneous internal components | Inside the router parts of electrical/electronic components are contained. It is premised that in any case the shape/dimensions of such components do not allow the extraction of samples in the dimensions prescribed by Annex VI para. 3.1 and Annex para. 3 (see <i>Reg. 118 ECE point 6.2.7.4</i>). Moreover these parts are completely contained in the metallic/plastic case and therefore they are not exposed to any source of flame and/or irradiance. |

- Annex 6 - Test to determine the horizontal burning rate of materials
- Annex 7 - Test to determine the melting behaviour of materials
- Annex 8 - Test to determine the vertical burning rate of materials

Attachments

Evaluation of technical worthiness:



Declaration of Inspection page 1



Declaration of Inspection page 2

You can find PDF version of the declaration [here](#).

After incorporation of Revision 2 with 03 series of amendments, evaluation was made with conclusion that there is no effect to the inspection results. Information letter concluding this evaluation:



Information letter regarding series 03 of amendments

You can find PDF version of the information letter [here](#).

External links

- <https://www.unece.org/trans/areas-of-work/vehicle-regulations/agreements-and-regulations/un-regulations-1958-agreement/un-regulations-addenda-to-the-1958-agreement/old-version-of-regulations-pages/regs-101-120.html>