

Concerning COP for UN-R QRTV

JASIC

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Current text on draft for QRTV

Main body

8. Conformity of production

The conformity of production procedures shall comply with those set out in the Agreement, Appendix 2 (E/ECE/324-E/ECE/TRANS/505/Rev.2) with the following requirements:

8.1. Vehicles approved according to this Regulation shall be so manufactured as to conform to the type approved by meeting the requirements set forth in paragraph 6 above.

8.2. The minimum requirements for conformity of production control procedures set forth in Annex 4 to this Regulation shall be complied with.

Paragraph 2.1. in Annex4 requires that the vehicle(s) under test shall be subjected to the test for measurement of sound of vehicle in motion as described in paragraph of Annex 3.

8.3. The authority which has granted type approval may at any time verify the conformity control methods applied in each production facility. The normal frequency of these verifications shall be one every two years.

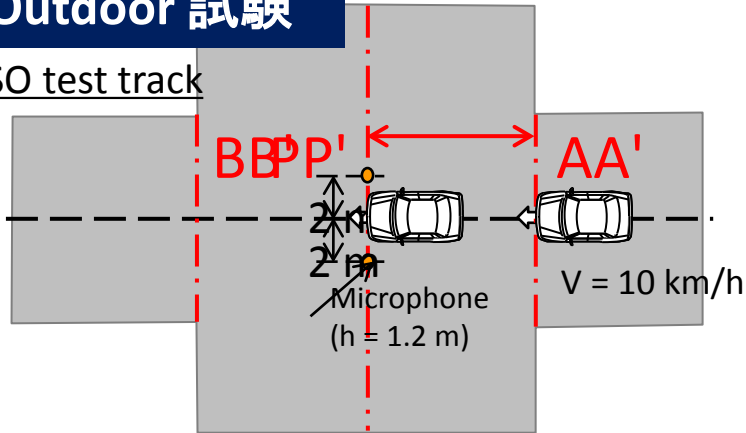
Same test as Type approval test is required in COP.

What is the issue if test is required in COP?

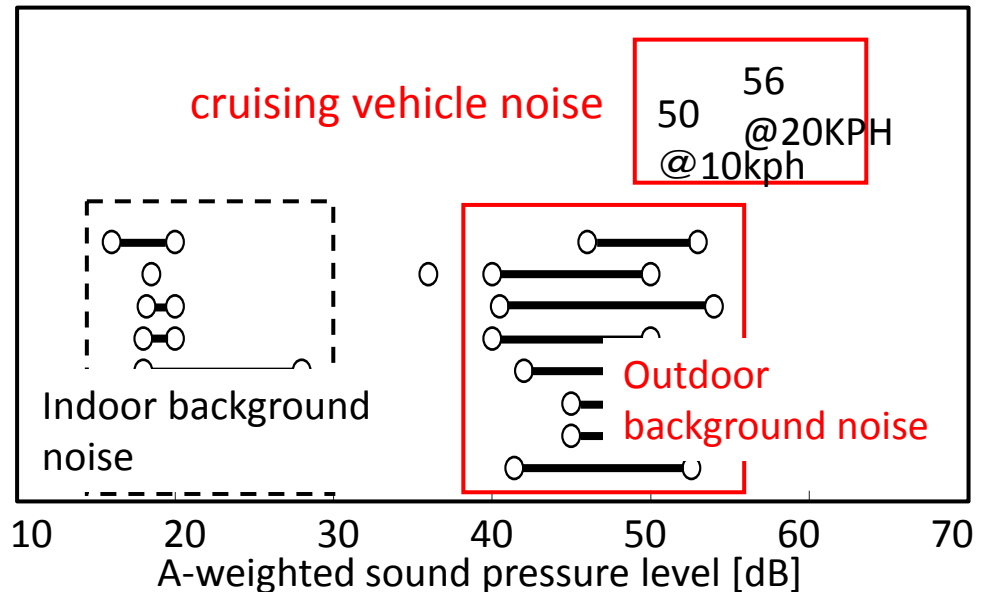
- Practically, outdoor test cannot be carried out due to background noise.
- In type approval test, indoor test can be useful.
- COP test is carried out in factories. If the test is required for QRTV, it cannot be done in factory. Because background noise is high and they don't have indoor test facility.

Outdoor 試験

ISO test track



Range of vehicle noise and background noise in Japan



Indoor 試験



If looking at the other UN-R,

R 13-H - Rev.2 - Braking of passenger cars

8. Conformity of production

The conformity of production procedures shall comply with those set out in the Agreement, Appendix 2 (E/ECE/324-E/ECE/TRANS/505/Rev.2) with the following requirements:

- 8.1. A vehicle approved to this Regulation shall be so manufactured as to conform to the type approved by meeting the requirements set forth in paragraph 5. above.
- 8.2. The authority which has granted type approval may at any time verify the conformity control methods applied in each production facility. The normal frequency of these verifications shall be once every two years.

No. 130 - Lane Departure Warning System (LDWS)

8. Conformity of production

- 8.1. Procedures concerning conformity of production shall conform to the general provisions defined in Article 2 and Appendix 2 to the Agreement (E/ECE/324-E/ECE/TRANS/505/Rev.2) and meet the following requirements:
- 8.2. A vehicle approved pursuant to this Regulation shall be so manufactured as to conform to the type approved by meeting the requirements of paragraph 5. above;
- 8.3. The Type Approval Authority which has granted the approval may at any time verify the conformity of control methods applicable to each production unit. The normal frequency of such inspections shall be once every two years.

No. 131 - Rev.1 - Advanced Emergency Braking Systems (AEBS)

8. Conformity of production

- 8.1. Procedures concerning conformity of production shall conform to the general provisions defined in Appendix 2 to the Agreement (E/ECE/324-E/ECE/TRANS/505/Rev.2) and meet the following requirements:
- 8.2. A vehicle approved pursuant to this Regulation shall be so manufactured as to conform to the type approved by meeting the requirements of paragraph 5. above;
- 8.3. The Type Approval Authority which has granted approval may at any time verify the conformity of control methods applicable to each production unit. The normal frequency of such inspections shall be once every two years.

No. 127 - Pedestrian Safety

7. Conformity of production

- 7.1. Procedures concerning conformity of production shall conform to the general provisions defined in Appendix 2 to the Agreement (E/ECE/324-E/ECE/TRANS/505/Rev.2) and meet the following requirements:
- 7.2. A vehicle approved pursuant to this Regulation shall be so manufactured as to conform to the type approved by meeting the requirements of paragraph 5. above;
- 7.3. The competent Authority which has granted approval may at any time verify the conformity of control methods applicable to each production unit. The normal frequency of such inspections shall be once every two years.

Many safety regulations do not require the test in COP same as the test in type approval.