| **Current text (**ECE/TRANS/WP.29/GRPE/2020/4) | **ACEA Proposal** |
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| ***Annex B6 Type 1 test procedures and test conditions*** | |
| 1.2.3.4.  If after the first test all criteria in row 1 of the applicable Table A6/2 are fulfilled, all values declared by the manufacturer shall be accepted as the type approval value. If any one of the criteria in row 1 of the applicable Table A6/2 is not fulfilled, a second test shall be performed with the same vehicle.  1.2.3.5.  After the second test, the arithmetic average results of the two tests shall be calculated. If all criteria in row 2 of the applicable Table A6/2 are fulfilled by these arithmetic average results, all values declared by the manufacturer shall be accepted as the type approval value. If any one of the criteria in row 2 of the applicable Table A6/2 is not fulfilled, a third test shall be performed with the same vehicle.  1.2.3.6.  After the third test, the arithmetic average results of the three tests shall be calculated. For all parameters which fulfil the corresponding criterion in row 3 of the applicable Table A6/2, the declared value shall be taken as the type approval value. For any parameter which does not fulfil the corresponding criterion in row 3 of the applicable Table A6/2, the arithmetic average result shall be taken as the type approval value.  1.2.3.7.  In the case that any one of the criterion of the applicable Table A6/2 is not fulfilled after the first or second test, at the request of the manufacturer and with the approval of the responsible authority, the values may be re-declared as higher values for emissions or consumption, or as lower values for electric ranges, in order to reduce the required number of tests for type approval. | 1.2.3.6.  After the third test, the arithmetic average results of the three tests shall be calculated. For all parameters which fulfil the corresponding criterion in row 3 of the applicable Table A6/2, the declared value shall be taken as the type approval value. For any parameter which does not fulfil the corresponding criterion in row 3 of the applicable Table A6/2, the arithmetic average result shall be taken as the type approval value.  1.2.3.7.  ~~In the case that any one of the criterion of the applicable Table A6/2 is not fulfilled after the first or second test, at the request of the manufacturer and with the approval of the responsible authority, the values may be re-declared as higher values for emissions or consumption, or as lower values for electric ranges, in order to reduce the required number of tests for type approval.~~  If after the third test all criteria in row 1, 2 and 3 of the applicable Table A6/2 are fulfilled and if the vehicle operation during charge-depleting is fundamentally different between the first and the following tests (i.e. different sequence in the transition cycle), then at the request of the manufacturer and by providing technical justification to the responsible authority, one of those tests shall be voided.  1.2.3.8.  In the case that any one of the criterion of the applicable Table A6/2 is not fulfilled after the first or second test, at the request of the manufacturer and with the approval of the responsible authority, the values may be re-declared as higher values for emissions or consumption, or as lower values for electric ranges, in order to reduce the required number of tests for type approval. |
| Justification: -In the current Regulation, it is unclear which cycles will be used for the averaging calculations if there is an inconsistency at expected number of cycles in CD modes for OVC-HEV (i.e. Test 1: 4 cycle, Test 2: 3 cycle).  -This is something not likely to happen, however the specific situation is not currently covered by the Regulation. | |

Inconsistency at expected number of cycles in CD mode for OVC-HEVs