

Below text includes all changes agreed @ latest review by 05march2020 that are explained into the ppt file (see below) distributed to all drafting members

 Auxiliaries Sub-Group for LowTemp UN TF activities-CP-update-05mar2020-updated after review till 10h30

At this stage, 2 points remain for final discussion by 12march2020 about paragraph 2. & 3.  
→ Red parts of the text in [...] **need more discussions and agreement** for final integration into the Working document by latest 17march2020.

----- **Current DRAFTING TEXT for Auxiliaries below** -----

### **Test Procedure:**

The vehicle's interior Thermal Comfort system must be operated by adjusting the comfort setting as indicated in following paragraphs.

During the entire Type 6 test procedure, the vehicle cabin shall not be heated by any external heating device.

Thermal comfort preconditioning function, if available, shall not be activated during this test.

#### 1. Thermal Comfort System setting.

1.1. The temperature control shall be set to 22°C within 0-9 seconds after the start of the first applicable WLTC. For vehicles with a thermal comfort system not allowing the selection of 22°C, maximum heat shall be set within 0-9 seconds after the start of the first applicable WLTC. This setting shall remain unchanged for the whole test procedure.

1.2. The blower speed control system shall be set to the auto mode within 0-9 seconds after the start of the first applicable WLTC.

If no auto mode is available, the blower speed control system shall be set as follows.

The fan speed control shall be set to the minimum setting, above the setting where the fan is switched off, within 0-9 seconds after the start of the test. After the second 100 and before the second 105 of the test, fan speed shall be set to maximum setting. After the second 987 and before the second 992 of the test, the fan speed shall be reduced to the minimum setting, not being the setting where the fan is switched off.

1.3. The airflow direction control shall be set to the auto mode within 0-9 seconds after the start of the first applicable WLTC. If no auto mode is available, the airflow direction control shall be set the feet compartment and to the front windscreen. If that setting is not available, the airflow direction control shall be set to the front windscreen.

1.4. The air recirculation control shall be set to the auto mode within 0-9 seconds after the start of the first applicable WLTC. If no auto mode is available, it shall be set to the recirculation off position.

1.5. Air Conditioning control button, if present, shall be pressed to set to ON position within 0-9 seconds after the start of the first applicable WLTC.

1.6. Multiple-zone systems. For vehicles that have separate (left & right) driver and front passenger controls, all temperature and blower controls shall be set as described in paragraphs 1.1 and 1.2 of this section. Rear Thermal Comfort Systems, if available, shall be set to off position.

1.7. Assessment of activation of Thermal comfort. The responsible authority shall verify that the thermal comfort system is representative of serial production intent and operating as intended during the test. The responsible authority may request the manufacturer to install a measurement device for the duration of the test at a designated location to record the warm-up profile as evidence for the verification.

→ Adjustment of wording needed referring only to Dipped beam as they are well defined already in UN lighting regulation. Contracting Parties to confirm their final agreement.

[2. Exterior vehicle lights shall be switched on within 0-9 seconds after the start of the test. Dipped beam setting shall be selected. [If the vehicle is equipped with an automatic exterior lighting system without user selectable settings, actions shall be taken to simulate driving in the hours of darkness (i.e. sufficient to illuminate at least the dipped beam headlamps)]. The lights shall remain on during the test.]

→ Contracting Parties to confirm their final agreement.

[3. If the vehicle is equipped with electrical system(s) to defrost (rear window and/or windscreen), these systems shall be switched on within 0-9 seconds after the start of the first test.]