

Proposal from India on the amendments suggested by Germany
(see document TRANS/WP.29/GRE/2003/20/Rev.1)

Subject: Proposal by Germany suggesting an amendment to Regulation No. 48 regarding measurement of operating voltage for lighting and light signalling devices as a part of installation requirement and proposal by OICA and GTB regarding test procedure, if the latter available.

India's comments:

1. The above proposal refers to lighting and light signaling devices (as per Regulation No. 7). In Regulation No. 7 dedicated voltage is allowed only for non-replaceable light sources. For all other devices reference luminous flux is used for photometric measurements. As such specifying voltages at lamp terminals may not be relevant.
 2. The Regulation No. 7 also allows use of special power supplies. In that case the vehicles may have lighting sources working on lower voltages, to produce required light output to meet regulatory requirement. Such restricting voltage at lamp terminals may reduce design flexibility.
 3. The voltage $13V \pm 0.5V$ is not relevant for 6V, 24V & 42V systems. Therefore India suggests that proposal contained in TRANS/WP.29/GRE/2003/20 Rev.1 may not be accepted.
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