

Date of hosting on website: 29th November 2019

Last date for comments: 13th December 2019

**CHECK LIST FOR PREPARING AMENDMENT TO
AUTOMOTIVE INDUSTRY STANDARD (AIS)**

**Proposed Draft Amendment No. 4 to AIS-145 Additional Safety features for Category M & N
Vehicles**

SR. NO.	PARTICULARS	REMARKS
1.0	Is the amendment related to : i) Changes in technical requirements; ii) Corrigendum iii) Any other (Pl. specify)	iii) For more clarity on applicability of Annexure 6 and 7 for RPAS requirement for tippers considering nature of operation and with reference to provisions in CMV rule 105(8-A).
2.0	Indicate details of base reference standard (Amendments).	AIS-145 and CMV Rule 105.
3.0	Add an explanatory note indicating deviations from the above base referred standard (Amendments) in Sr. 2.	NA
4.0	If amendment is for provisions in technical requirements :	-
4.1	a) Does amendment call for re-type approval of component / vehicle, which is already type approved? b) Is amendment applicable to fresh type approval of component / vehicle c) Do components / vehicles manufacturers / Test agencies require lead time to meet requirements of amendment?	a) No. b) Yes c) No
4.2	If amendment is related to corrigendum : a) Whether changes are required in previous approvals	NA
5.0	What are the test equipment for establishing compliance to amendment?	No additional test equipment compared to AIS-145 are required.
6.0	If possible, identify such facilities available in India.	Testing agencies notified under CMVR
7.0	Are there any points on which special comments or information is to be invited from AISC/ CMVR-TSC. If yes, are they identified?	No
8.0	Recommendation of date for implementation of amendment.	NA.

Explanatory note based on ECE/EEC Directive practices:

1. Amend.X = an amendment issued to the text of the AIS.
2. Rev.X = a Revision of the text comprising all previous text(s) of the AIS.
3. Corr.X = a Corrigendum consists of editorial corrections of errors in the issued texts.

Proposed Draft amendment 4.....2019
to
AIS-145 Additional Safety features for Category M & N Vehicles

1. Page 2/26, Clause 5.6,

Substitute following text for existing text:

Vehicle Reverse Parking Alert shall meet requirements of Annexure 7 for vehicles other than M1 category.

Wherever rear end construction of vehicle is such that it is not possible to comply with the requirements of Annexure 7, it shall be permissible for vehicles of category other than M1 to comply with the requirements of Annexure 6 as an alternative after justification to the test agency. **Provided that in case of tippers a reverse buzzer (audible warning system when vehicle is driven in reverse) may be provided as an alternative.**

Tractors including Puller Tractors of N category shall be exempted from the requirements of both Annexures 6 & 7.

(Justification: Considering similar nature of operation of tippers and construction equipment vehicles, the provision under CMV rule 105(8-A), for reverse buzzer is extended to tippers as well).