

Date of hosting on website: 30th August 2018
Last date for comment: 14th September 2018

**CHECK LIST FOR PREPARING AMENDMENT TO
AUTOMOTIVE INDUSTRY STANDARD (AIS)
Amd. No 02 to AIS-038 Rev 1:2015-**

SR. NO.	PARTICULARS	REMARKS
1.0	Is the amendment related to : i) Changes in technical requirements; ii) Corrigendum iii) Any other (Pl. specify)	Amendment is to delete L category requirement, since separate Part 2 of AIS-038 (Rev.1) is prepared for L category vehicles
2.0	Indicate details of base reference standard (amendments).	AIS 038 Rev 1 :2015
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 :	No
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?	No No No
4.2	If amendment is related to corrigendum : a) Whether changes are required in previous approvals	No
5.0	What are the test equipments for establishing compliance to amendment?	NA
6.0	If possible, identify such facilities available in India.	As per AIS-038 (Rev.1)
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.	With date of approval in AISC

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.

AMENDMENT 2
To
AIS-038 (Rev.1)
Electric Power Train Vehicles-Construction and Functional Safety Requirements

1.0	<p>Insert words and figure “AIS-038 Rev 1” for “AIS-038 (Part 1) Rev 1” wherever it appears in standard.</p>
2.0	<p>Page 1/19, Scope</p> <p>Substitute following text for existing text,</p> <p>This standard specifies the construction and functional safety requirements for M and N categories of electric power train vehicles as defined in Rule 2 (u) of CMVR.</p> <p><i>{Justification: L Category Vehicles Removed}</i></p>
3.0	<p>Page 1/19, DEFINITION</p> <p>Substitute following text for existing text.</p> <p>Refer AIS-049 (Rev1)-2016, as amended and revised from time to time, for the definitions.</p>
4.0	<p>Page 1/19, Clause 3.1 Protection against electric shock</p> <p>Substitute following text for existing text.</p> <p>These electrical safety requirements apply to high voltage buses (as defined in AIS-049 (Rev 1)-2016, as amended and revised from time to time under conditions where they are not connected to external high voltage power supplies.</p>
5.0	<p>Page 1/19, Clause 3.1.1.2 Protection against electric shock</p> <p>Delete second paragraph.</p> <p>In case of open L category vehicles where luggage compartment and passenger compartment are not clearly distinguished, for protection of live parts inside areas which can be accessed only with use of tools, the protection degree IPXXB shall be provided and for other live parts protection degree IPXXD shall be provided.</p>
6.0	<p>Page 6/19, Clause 3.5.1 Washing</p> <p>Delete second paragraph.</p> <p>In the case of open vehicles such as 3-wheelers without doors and windows, or 2-wheelers etc the manufacturer shall specify the procedure for normal washing also. In such cases, the washing test shall be conducted by taking into account the above recommendation.</p>
7.0	<p>Page 7/19, TECHNICAL SPECIFICATIONS</p> <p>Substitute following text for existing text.</p> <p>The details of technical specification, approvals of changes in specification shall be as per para 5.0 of AIS-049 (Rev 1)-2016, as amended and revised from time to time.</p>

8.0 Page 8/19, Clause No 5.2

Substitute following text for existing text.

Type approvals issued for compliance to AIS-038-2003 shall be extended to approval of AIS-038 (Part 1) Rev.1: 2015 subject to satisfactory compliance of the following: