

Date of hosting on website: 20th October 2021
Last date for comments: 12th November 2021

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

**Draft Amd. No 10 to AIS-037: Procedure for Type Approval and Establishing
Conformity of Production for Safety Critical Components**

SR. NO.	PARTICULARS	REMARKS
1.0	Is the amendment related to : i) Changes in technical requirements; ii) Corrigendum iii) Any other (Pl. specify)	This amendment is made for <ul style="list-style-type: none"> • To expand scope of Traction Batteries from Lead Acid to all Type of Traction Batteries • Provision for usage of already approved revised standards for Traction Batteries
2.0	Indicate details of base reference standard (Amendments).	AIS 037 including Amendment 9
3.0	Add an explanatory note indicating deviations from the above base referred standard (Amendments) in Sr. 2.	Nil
4.0	If amendment is for provisions in technical requirements :	Yes
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?	Yes Yes Yes
4.2	If amendment is related to corrigendum: a) Whether changes are required in previous approvals	NA
5.0	What are the test equipments for establishing compliance to amendment?	No New Equipment needed, same as Type approval
6.0	If possible, identify such facilities available in India.	Test agencies as notified in CMV Rule 126
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?	Nil
8.0	Recommendation of date for implementation of amendment.	With date of approval in CMVR TSC.

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 10
To
AIS-37: Standard Procedure for Type Approval and Establishing Conformity of
Production for Safety Critical Components

1	<p>Page No. 15/15, Annex B, Sl. No. 25 Substitute following text for existing text:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%; text-align: center; vertical-align: top;">25</td> <td style="width: 25%; vertical-align: top;">Traction Battery / Rechargeable Electrical Energy Storage System (REESS)</td> <td style="width: 20%; vertical-align: top;">a) AIS 048/2009</td> <td style="width: 40%; vertical-align: top;">As per clauses 6.3 of AIS-048 / 2009</td> <td style="width: 10%; text-align: center; vertical-align: top;">2 years</td> </tr> <tr> <td></td> <td></td> <td style="vertical-align: top;">b) AIS 156:2020</td> <td style="vertical-align: top;">As per Annex 8A (Vibration test), Annex 8G (Overcharge protection), Annex 8I (Over-temperature protection)</td> <td style="text-align: center; vertical-align: top;">2 years</td> </tr> <tr> <td></td> <td></td> <td style="vertical-align: top;">c) AIS 038 Rev. 2: 2020</td> <td style="vertical-align: top;">As per Annexure- IX A(Vibration test) (COP test shall be performed on either complete REESS or REESS subsystem at the discretion of the manufacturer), Annexure- IX G (Overcharge protection), Annexure- IX I (Over-temperature protection),</td> <td style="text-align: center; vertical-align: top;">2 years</td> </tr> </table>				25	Traction Battery / Rechargeable Electrical Energy Storage System (REESS)	a) AIS 048/2009	As per clauses 6.3 of AIS-048 / 2009	2 years			b) AIS 156:2020	As per Annex 8A (Vibration test), Annex 8G (Overcharge protection), Annex 8I (Over-temperature protection)	2 years			c) AIS 038 Rev. 2: 2020	As per Annexure- IX A(Vibration test) (COP test shall be performed on either complete REESS or REESS subsystem at the discretion of the manufacturer), Annexure- IX G (Overcharge protection), Annexure- IX I (Over-temperature protection),	2 years
25	Traction Battery / Rechargeable Electrical Energy Storage System (REESS)	a) AIS 048/2009	As per clauses 6.3 of AIS-048 / 2009	2 years															
		b) AIS 156:2020	As per Annex 8A (Vibration test), Annex 8G (Overcharge protection), Annex 8I (Over-temperature protection)	2 years															
		c) AIS 038 Rev. 2: 2020	As per Annexure- IX A(Vibration test) (COP test shall be performed on either complete REESS or REESS subsystem at the discretion of the manufacturer), Annexure- IX G (Overcharge protection), Annexure- IX I (Over-temperature protection),	2 years															
2	<p>Page No. 15/15, Note 1 after Annex B Substitute following text for existing text</p> <p>Note 1 : The provisions of this standard will apply for each component listed under serial 22, 23, 24, 25 and 26 above, after issuance of corresponding notifications by MoRTH and implementation date mentioned therein. Provided that for serial No. 25 above applicability of test standards (AIS 048 / AIS 156 / AIS 038-Rev2) for COP shall be same as standard followed for issuance of type approval for subjected component.</p> <p><i>{Justification: To cover CoP for all types of traction batteries AIS i.e AIS 048, AIS 156 and AIS 038 Rev. 2 }</i></p>																		