

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-123 Part 3**

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 add provisions for N3 and L categories of vehicles
2.0	Indicate details of base reference standard (amendments).	AIS 123 Part 3
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?	As per AIS-123 (Part 3)
6.0	If possible, identify such facilities available in India.	ARAI, iCAT, CIRT, VRDE
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.

DRAFT AMENDMENT 2

To

AIS 123 (PART 3): CMVR Type Approval of Electric Propulsion Kit Intended for Conversion of vehicles for Pure Electric Operation

1.0	<p>Page No. 1/30, Clause No.1, Scope:</p> <p>Substitute following text for existing text,</p> <p>This standard lays down the requirements specific to Electric Propulsion Kit intended for conversion of vehicles of L1, L2, L5, M, N1, N2 and N3 category for pure electric operation, which</p> <ul style="list-style-type: none">i) Are manufactured on and after 1st January 1990;ii) Are not provided with permits for carrying dangerous or hazardous goods, as defined in CMVR <p><i>{Justification: To Add N3 Category Vehicles}</i></p>																		
2.0	<p>Page No. 3/30, Clause No. 4.1, VEHICLE WEIGHMENT:</p> <p>Substitute following table for existing table,</p> <table border="1" data-bbox="251 947 1474 1392"><thead><tr><th>Vehicle Category</th><th>Permissible increase in ULW (%)</th><th>Remarks</th></tr></thead><tbody><tr><td>L1 & L2</td><td>25</td><td>--</td></tr><tr><td>L5M</td><td>25</td><td>--</td></tr><tr><td>M1/M2</td><td>25</td><td>--</td></tr><tr><td>M3</td><td>25</td><td>--</td></tr><tr><td>L5N/N1/N2/N3</td><td>Equal to weight of Electric Propulsion Kit</td><td>Increase in FAW shall not be more than 10% and all axle loads shall be within laden limits prescribed in APPENDIX XII of CMV Rule 1989.</td></tr></tbody></table> <p><i>{Justification: To Add L1 & L2 & N3 Category Vehicles}</i></p>	Vehicle Category	Permissible increase in ULW (%)	Remarks	L1 & L2	25	--	L5M	25	--	M1/M2	25	--	M3	25	--	L5N/N1/N2/N3	Equal to weight of Electric Propulsion Kit	Increase in FAW shall not be more than 10% and all axle loads shall be within laden limits prescribed in APPENDIX XII of CMV Rule 1989.
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3.0	<p>Page No. 5/30, Clause No. 13.1 :</p> <p>Substitute following text for existing text of Paragraph 2,</p> <p>This requirement is not applicable to L1, L2 & L5 category converted vehicles.</p>																		
4.0	<p>Page No. 5/30, Clause No. 14.1 :</p> <p>Substitute following text for existing text of Paragraph 2,</p> <p>The vehicle fitted with Electric Propulsion Kit shall meet requirements for constructional and functional safety as per AIS-038 Rev 1:2015 as amended time to time.</p>																		

<p>5.0</p>	<p>Page No. 6/30, Clause No. 17.7 :</p> <p>Add following text 17.7 vehicle of category N2 Gross Vehicle Weight (GVW) above 3.5 tonnes and N3 complying with requirements of Truck Cabs, Truck Bodies and Trailers as per AIS 093 shall continue, to comply with the said requirements after Electric Propulsion Kit fitment.</p>
<p>6.0</p>	<p>Page No. 8/30, Clause No. 21.1 a :</p> <p>Add following text GVW of vehicle is within a range of $\pm 10\%$ of the converted vehicle tested for Type Approval as per this standard. While issuing extension, category of a vehicle shall be same as that of base certificate.</p>
<p>7.0</p>	<p>Page 12/30, ANNEXURE B, Clause No. 4,</p> <p>Add following text g. Software version</p>
<p>8.0</p>	<p>Page 14/30, ANNEXURE B, Clause No. 11,</p> <p>Add following text</p> <p>d. Software version: g. Communication protocol:</p>