

FORMAT FOR SENDING COMMENTS ON BIS DOCUMENTS

Please use A4 size sheet of paper only and type within fields indicated. Comments on each clauses/sub-clauses/table/fig. etc. be started on a fresh box. Information in Column 4 should include reasons for the comments and suggestions for modified wording of the clauses when the existing text is found not acceptable. Adherence to this format facilitates Secretariat's work. Comments through e-mail to ted6@bis.gov.in shall be appreciated.

DOC. NO.: IS 13942: 2019

TITLE: Automotive Vehicles – External Projection Part 1 Performance Requirements for M1 Category of Vehicles

LAST DATE OF COMMENTS: 15-09-2021

NAME OF THE COMMENTATOR / ORGANIZATION: Mahindra & Mahindra Ltd

Sl. No.	Clause/Sub-clause/Para/Table/Fig. No. commented	Type of Comments (General/Editorial/Technical)	Proposed change	Justification
01	6.2.1	Editorial	<p>Projecting visors and rims shall be permitted on headlights, provided that their projections, as measured in relation to the external transparent surface of the headlight does not exceed 30 mm and their radius of curvature is at least 2.5 mm throughout.</p> <p>In the case of a headlamp mounted behind an additional transparent surface, the projection shall be measured from the outermost transparent surface. The projections shall be determined according to the method described in A-3 of Annex A to this standard.</p>	<i>Added for better clarity</i>
02	6.3.1		The requirements of 5.4 shall not apply to gaps between fixed or movable elements, including	

			<p>those forming part of air intake or outlet grilles and radiator grilles, provided that the distance between consecutive elements does not exceed 40 mm and provided that the grilles and gaps have a functional purpose. For gaps of between 40 mm and 25 mm the radii of curvature shall be of 1 mm or more. However, if the distance between two consecutive elements is equal to or less than 25 mm, the radii of curvature of external faces of the elements shall not be less than 0.5 mm.</p> <p>The distance between two consecutive elements of grilles and gaps shall be determined according to the method described in A-4 of Annex A to this standard.</p>	
03	6.4.2		<p>The requirements of Annex B Paragraph 5.4 shall not apply to the wiper blades or to any supporting members. However, these units shall be so made as to have no sharp angles or pointed or cutting parts.</p>	<i>Reference clarified, In line with Proposed amendment</i>
04	6.9	Editorial Correction	<p>Folds in body panels may have a radius of curvature of less than 2.5 mm, provided that it is not less than one-tenth of the height "H" of the projection, measured in accordance with the method described in paragraph A1 of Annex A.</p>	<i>Added for Better clarity</i>
05	6.16.3	Editorial Correction	<p>Fastening elements, such as bolts that are tightened or loosened without tools shall not project more than 40 mm beyond the surfaces referred to in 6.16.2., the projection being determined according to the method prescribed paragraph 2 of Annex A, but using a sphere of 165 mm diameter in those cases where the method prescribed in paragraph A2.2 of that Annex is employed</p>	
06	6.17.4.2	Editorial correction	<p>The requirement of 6.17.4 and 6.17.4.1 shall not apply to aerials located behind the vertical transversal plane passing through the "R" point of the driver, provided that the maximum projection of the aerial including its housing does not exceed 70 mm when determined according to the procedure of Annex A, paragraph A2.</p>	
07	7.1.2	Editorial correction	<p>7.1.2 If the changes are in parameters related to the provisions, the testing agency, which has issued the certificate of compliance, shall then consider, whether the external projections with the changed specifications still complies with provisions, or</p>	