

BUREAU OF INDIAN STANDARDS

MINUTES

Name of the Committee	No. of Meeting	Date & Time	Day	Venue
Automotive Body, Chassis, Accessories, Sectional Committee, TED 6	Thirty Second (32 nd)	22 nd December 2021 (10.30 AM onwards)	Wednesday	WEBEX Meeting

CHAIRMAN: SHRI M. SREENIVASULU

HEAD (TED): SHRI R.R. SINGH

MEMBER SECRETARY: GAURAV JAYASWAL

MEMBERS PRESENT:

SR. No.	NAME OF MEMBER	NAME OF ORGANIZATION
1.	Shri Sreenivasulu (Chairperson)	Automotive Research Association of India, Pune (ARAI)
2.	Smt. Nishat Sultana Haque	CMD-III, BIS
3.	Shri N. R. Tiwari	Central Institute of Road Transport, Pune
4.	Shri V Faustino	Ashok Leyland Limited, Chennai
5.	Shri Ved Parkash Gautam	Ashok Leyland Limited, Chennai
6.	Shri Dipak Manjarekar	Asahi India Glass Limited, Rewari
7.	Shri Khairatkar V S	Automotive Research Association of India, Pune (ARAI)
8.	Smt. Sonali Tambolkar	Automotive Research Association of India, Pune (ARAI)
9.	Shri Vikram Shinde	Automotive Research Association of India, Pune (ARAI)
10.	Shri Ajay	Automotive Research Association of India, Pune (ARAI)
11.	Shri Vishal P. Rawal	Automotive Research Association of India, Pune (ARAI)
12.	Shri Uday Harite	Automotive Component Manufactures Association of India, New Delhi (ACMA)
13.	Shri Adish Aggarwal	Bajaj Auto Limited, Pune
14.	Shri T. Viswanathan	Bajaj Auto Limited, Pune
15.	Shri Arvind Kumbhar	Bajaj Auto Limited, Pune
16.	Shri Sharanjit Singh	GSC GLASS LTD
17.	Shri Piyush Chowdhry	Hero Motocorp Limited, New Delhi
18.	Shri Mohd.Danish Gazali	Hero Motocorp Limited, New Delhi
19.	Shri S Muthu Kumar	Honda Cars India Research and Development Limited, Noida
20.	Shri Siddhanta Srivastava	Honda Cars India Research and Development Limited, Noida
21.	Shri Vipin Sharma	Honda Motorcycle and Scooter India Private Limited, Gurgaon
22.	Shri Karan Rajput	Honda Motorcycle and Scooter India Private Limited, Gurgaon
23.	Shri Navneet Kaushik	Honda Motorcycle and Scooter India Private Limited, Gurgaon
24.	Shri Sunil Laroia	Jamna Auto Industries Limited, New Delhi

25.	Shri Mayank	International Centre of Automotive Technology, Manesar (ICAT)
26.	Smt. Vijayanta Ahuja	International Centre of Automotive Technology, Manesar (ICAT)
27.	Shri U.D.Bhangale	International Centre of Automotive Technology, Manesar (ICAT)
28.	Shri Venkata Kiran Gona	Pilkington Automotive Limited (NSG GROUP)
29.	Shri Arun Kumar	Maruti Suzuki India Limited, Gurugram
30.	Shri Subham	Maruti Suzuki India Limited, Gurugram
31.	Shri Gururaj Ravi	Maruti Suzuki India Limited, Gurugram
32.	Shri Nitish Seth	Maruti Suzuki India Limited, Gurugram
33.	Shri Shailesh Chavan	Mahindra Trucks and Bus Division, Pune
34.	Shri V G Kulkarni	Mahindra Trucks and Bus Division, Pune
35.	Smt. Pushpanjali Pathak	Mahindra and Mahindra Limited, Mumbai
36.	Shri Neeraj Gupta	Mahindra and Mahindra Limited, Mumbai
37.	Shri R K Jaiswal	Ministry of Heavy Industries
38.	Shri Vivekraj S	Renault India Private Limited, Mumbai
39.	Shri Kishore Kumar V	Saint-Gobain Sekurit India Private Limited, Pune
40.	Shri Makarand Brahme	Skoda Auto Volkswagen India Private Limited
41.	Shri Milind Jagtap	Skoda Auto Volkswagen India Private Limited
42.	Dr. B. Ramesh	Snerith Engineers
43.	Shri Sharad Bhole	Tata Motors Limited, Pune
44.	Shri Dinesh G M	Toyota Kirloskar Motor Private Limited, Bidadi

ITEM 0 WELCOME ADDRESS

0.1 Welcome Remarks by Head (TED)

0.2 Opening Remarks by the Chairman

SHRI M. SREENIVASULU, Chairman, TED 6 welcomed all the members present in the 32nd Meeting and requested all members to complete the work allotted to them within stipulated time frame so that the work of TED-6 is complete as per the plans made from time to time. He requested all the members to take active part in the deliberations on various issues going to be discussed as per the Agenda.

ITEM 1 CONFIRMATION OF THE MINUTES OF LAST MEETING

The Minutes of 31st Meeting of 'Automotive Body, Chassis, Accessories Sectional Committee, TED-6', held through WEBEX on 22nd September 2021 were circulated vide our email letter no.TED6/A-2.31 dated 26th October 2021.

No comments on the recording of the Minutes have been received and hence the committee confirmed the minutes of the 31st meeting formally.

ITEM 2 SCOPE & COMPOSITION OF THE SECTIONAL COMMITTEE

2.0 The Committee noted the information as given in the agenda. The chairman TED 06 and the member secretary congratulated Mr. V.V. Shinde for the chairmanship of SC TED 34. Mr. Shinde also expressed his gratitude and requested active participation of members in the upcoming meetings of SC TED 34.

Following points were also highlighted by the members on Modified Scope of SC TED 06 :

Mr. Harite highlighted that Seats & Seat belts standards are being dealt by SC TED 29 and it also has seats manufacturers as its members hence 'seats' may be removed from the scope of SC TED 06 and may be transferred to the scope of SC TED 29.

Mr. Gururaj Ravi pointed out that standards related to Garage Equipments are dealt by SC TED 31 and hence it may be removed from the scope of SC TED 06.

The committee suggested the member secretary to seek proper guidance from TEDC in its next meeting and modify the scope if decided by TEDC.

2.1 The Committee noted the information as given in the agenda.

2.2 Co-Option:

The committee noted the status of nominations from organizations co-opted in the earlier meetings. The committee also requested the Chairman to follow up with Force motors and provide the nominations.

Decision has been taken by the sectional committee on recently received co-option requests as follows:

Sl. No.	Name	Organization Name	Decision Of The Sectional Committee
1.	Mr. Swapnil Tambe	Others	The committee did not accede to the co-option request.

2.	Mr. Pulkit Jindal	Others	The committee did not accede to the co-option request.
3.	Mr. Vinod Tandon	Federation of Safety Glass	The committee put the request of Federation of safety glass on hold. The decision on their membership will be taken up in the next SC TED 06 Meeting.

2.3 The Committee noted the information as given in the agenda.

2.4 The Committee noted the information as given in the agenda.

2.5 The Committee noted the information as given in the agenda.

ITEM 3 ISSUES ARISING OUT OF THE MINUTES OF THE LAST MEETING

The summary of actions taken on the Minutes of previous meeting and the decisions taken by the committee during the current meeting are given below:

Sl no.	Item / Previous Decisions	Decision in the last meeting	Current Status	Decision of the Committee
1.	<p>Doc : TED 6(13631) W Draft Amendment No. 1 to IS 13943 : 2017 Automotive Vehicles – Wheel Guards For Vehicles of M1 Category – Performance Requirements (First Revision)-</p> <p>The document was issued under WC & last date for comments was 28.2.2019. The Committee requested Shri P.S. Gowrishankar to study and prepare a draft document.</p> <p>The draft document was forwarded by Shri P.S. Gowrishankar to BIS and was included in the Agenda of the last meeting. The Committee examined the document and</p>	<p>The draft Document has been from Bajaj Auto via email dt. 14/05/2021. The document was sent for TEDC Chair approval and the approval has been received dt. 15/06/2021.</p> <p>The document has been sent for printing dt. 17/06/2021.</p> <p>The Committee may please Note.</p> <p>The Committee Noted the Status.</p>	The document has been printed.	The committee noted.

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	<p>observed that it needs some editorial corrections. The Committee requested Bajaj Auto to modify the document and forward it to BIS for printing after taking the approval of Chairman, TED-6.</p> <p>Document is awaited from Bajaj Auto Ltd.</p> <p>Bajaj Auto Ltd promised to forward the document to BIS within a week time.</p>	<p>The document has been sent for publication. The committee noted.</p>		
2.	<p>Doc. TED 06 (17774) F Draft Amendment No. 3 to IS 2553 (Part 2): 2019 Safety Glass – Specification - Part 2 – For Road Transport (First Revision) - Some comments were received from Maruti Suzuki and the same was sent for wide circulation (with the approval of Chairman) vide email dt 10.1.2020. The Committee finalized the Amendment no.1 to IS 2553 (part-2): 2019 & the same was printed in March 2020.</p> <p>Some more comments were received from (i) CMD, BIS (ii) Saint Gobain; & (iii) Toyota. The same were examined by the Committee and the Committee requested Mr Feroze Khan to hold a Panel Meeting and prepare draft Amendment and forward it to Member Secretary for wide circulation with the approval of Chairman, TED-06.</p> <p>The Committee also requested the Member Secretary to send a note to CMD-3 requesting it for concurrent running of IS 2553 (Pt-2): 1992 & IS 2553 (Pt-2): 2019 as there are some implementation issues with the revised standard for which the Glass & Automobile industry is also pursuing with CMD-3.</p>	<p>The document (Amendment No. 2 to IS 2553 (Part 2): 2019) has been printed and has been Notified in Gazette of India on 23rd March 2021.</p> <p>The Committee may please note.</p> <p>Some Comments have been received from CMD-III and has been attached as Annexure-2.</p> <p>The Committee may deliberate and decide.</p> <p>A new proposal as draft Amendment No. 3 related to roof glazing was received from Mr. Vishal Rawal through email dt. 12th June 2021 and is attached as Annexure -3.</p> <p>On June 17, Draft Amendment 3 to IS 2553 : Part 2, drafted by RNTBCI was received from Mr. Feroz Khan and the same is attached as Annexure -4.</p> <p>Comments on the above document were also received from Mr. Nitish Seth and are attached as Annexure-5.</p>	<p>The draft amendment 4 has been received from Mr. Feroz khan, Hero Motocorp and is attached as Annexure 2 of the Agenda of 32nd Meeting.</p> <p>The committee may decide to send the document for Wide Circulation.</p> <p>The response is awaited with regards to Table 1A of the standard IS 2553 Part 2 – 2019.</p>	<p>Central Marks Department – III (CMD-III) raised some objections on the draft Amendment No. 3 to IS 2553 (Part 2): 2019 and gave following two comments :</p> <p>1) Page 1, Cl. 1.2: Effective date of implementation of the standard/amendment cannot be put in the text of a standard/Ame ndment as the same falls under the purview of CMD, and the concurrent running period is provided by the CMD if required in such cases.</p>

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	<p>Some addl comments were received & were together compiled in the agenda of the last meeting. Overall, comments were received from following organizations/deptt:</p> <p>(i) CMD, BIS, (ii) Saint Gobain, (iii) Toyota, (iv) John Deere, (v) Fuyogo Glass, China (vi) FCA Engineering India Pvt. Ltd., Pune (vii) AIS Glass on the comments of John Deere, Fuyogo Glass & FCA Engg India Pvt Ltd. (viii) ARAI, and (IX) Tractor Manufacturer Association</p> <p>The above comments were examined by the committee in the last (28th) meeting. The committee accepted all the suggestions of Toyota Kirloskar Motors Pvt. Ltd as the comments were editorial in nature.</p> <p>With respect to Comments given by John Deere India Pvt. Ltd, the chairman stated that he will speak to Tractors Manufacturers Association (TMA) for examination & will get back.</p> <p>With respect to comments of Fuyao Glass Industry & AIS Glass the committee requested Mr. Feroz Ali Khan & his panel to examine the comments and give suggestions.</p> <p>With respect to comments of FCA Engineering India Pvt. Ltd., the committee felt that as of now, <u>sunroof glass is not covered in the scope of IS 2553 (Part 2): 2019.</u> However, the committee needs to explore the matter further. Committee requested Mr. Feroz Ali Khan & panel to examine the issue and give suggestions.</p> <p>With respect to comments of ARAI, the observation of the committee</p>	<p>The committee may deliberate and decide.</p> <p>It was decided that the comments given by CMD-III Will be discussed first in the Panel Meeting (with convenorship of Mr. Feroz khan) and the final decision will be taken in the next SC Meeting.</p> <p>The committee also decided to form a sub panel consisting of Chairman TED 06 Mr. Sreenivasulu, Mr. Feroz khan, Mr. Rajendra Khile, Mr. Uday Harite, Ms. Vijyenta, Mr. Kishore Kumar keeping BIS in Loop, to finalize the draft amendment on roof glazing and send it to BIS for printing in 2 weeks' time.</p> <p>It was also decided that the additional comments provided by ARAI would be discussed first in the panel Meeting (With the convenorship of Mr. Feroz khan) and later on a decision on the same can be taken by sectional Committee in its next meeting.</p> <p>Document TED 06 (17774) F Draft Amendment No. 3 to IS 2553 (Part 2): 2019 Safety Glass – Specification - Part 2 – For Road Transport (First Revision) is in the process of publication and will be published soon.</p> <p>A panel Meeting for Discussion on Proposed Amendment No. 4 to IS 2553 Part 2 : 2019 (With the convenorship of Mr. Feroz khan) is scheduled to take place on 20th September 2021. The minutes of the same will be forwarded in to all the committee members once</p>		<p>Hence the line pertaining 'Implementation date' of this amendment should be removed.</p> <p>2) Page 3, Cl. 5.1.1.3.2 : After this clause a new clause is proposed to be added as follows</p> <p><i>"5.1.1.4 When tested in accordance with 6.11, the regular light transmittance of roof glazing can be less than 50 percent."</i></p> <p>In the new clause the lower limit of value of the Transmittance should also be specified in the standard.</p> <p>The committee deliberated on the comments given by CMD-III and it was decided that</p> <p>1) Page 1, Cl. 1.2: The line containing</p>

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	<p>were placed at Annex-III (<i>Minutes of last meeting</i>).</p> <p>With respect to comments of Tractors Manufacturing Association (TMA), the chairman stated that he will discuss the comments with TMA and will get back soon.</p> <p>Panel meeting was held on <u>26 Aug 2020</u>. The Minutes of Panel meeting were forwarded by Mr Feroz Khan vide email dt 01 Sep 2020 (Annex-II of Agenda). The Panel also forwarded draft Amendment No. 2 to IS 2553 (part-2): 2019 (Annex-III of Agenda).</p> <p>Representative from Maruti Suzuki India Ltd thanked the Committee & BIS for getting the Amendment no.1 printed at earliest.</p> <p>The Committee discussed the status of comments received on IS 2553 (part-2): 2019. The representative of Tractors Manufacturer's Association (TMA) promised to send a draft amendment to IS 2553 (part-2): 2019 by end of Oct 2020 (after incorporating all the suggestions given in the matter). The same can be sent for wide circulation with the approval of Chairman.</p> <p>Based on presentation given by Mr Vishal Rawal, ARAI & as per Annex-A of this Minutes, the Committee decided to include Sunroof Glass and Partitioning Glass in the scope of IS 2553 (part-2): 2019 and text for clarity on aesthetic glass requirements will be implemented w.e.f. 1st April 2022. Accordingly, the Committee will take-up the work & will issue Amendment by Dec 2021 so that Amendment gets printed by March 2022.</p>	<p>received from the Panel Convenor.</p> <p>The Minutes of the panel meeting was circulated to all the Committee members via email dt. 21st September 2021.</p> <p>The committee noted the status of document TED 06 (17774) F.</p> <p>The Committee asked Hero MotoCorp to get back to BIS with final draft Amendment 4 to IS 2553, within a month time.</p> <p>Once received it will be sent for Wide Circulation.</p> <p>The chairman also promised to get back to BIS with Formatted Table 1A , after consultation with TMA.</p>		<p>Implementation date i.e. "one year after mandatory implementation of this standard under CMVR 100 and/or BIS Mandatory Certification, whichever is earlier." Shall be removed.</p> <p>In addition to this, It was also decided that TED Would propose 1 year concurrent running period for this amendment to CMD – III on behalf of SC TED 06.</p> <p>2) Page 3, After Cl. 5.1.1.3.2 : It was decided that regular light transmittance Test for Roof glazing (sun-roof and moon-roof) is not Required.</p> <p>The Committee asked member secretary to send Modified</p>

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	<p>Some members raised an issue & stated that the date of concurrent running of old IS 2553 (part-2) is mentioned till 29 Nov 2020 in BIS Portal, whereas, the date of implementation of QCO as per Govt. of India is 01 April 2021. The Committee therefore requested the Member Secretary to take-up the matter with CMD & get the information updated in BIS portal.</p> <p>The inclusion of Sunroof Glass and Partitioning Glass in the scope of IS 2553 (part-2): 2019 and implementation timeline, needs to be first discussed and deliberated in the designated panel meeting of this standard before taking up into TED 6 sectional committee meeting.</p>			<p>Draft Amendment for printing after approval of chairman TED 06.</p> <p>The Committee also authorized member secretary to send the draft amendment no. 4 to IS 2553 (Part 2) : 2019 for wide circulation, once the draft containing formatted Table 1A is received from the panel convener.</p>
3.	<p>Review of IS 14495: 1998 Automotive Vehicles – Pillion hand Holds for two-wheeled vehicles Requirements.</p> <p>In the 28th Meeting of SC TED 06, Hero MotoCorp was given the responsibility to review the document IS 14495:1998.</p>	<p>A Draft document has been received from Mr. Feroz khan, Hero MotoCorp and the same has been attached as Annexure-6.</p> <p>The committee may deliberate and decide.</p> <p>The committee decided to form a panel under the convenorship of Mr. Feroz Khan, Hero MotoCorp, along with Mr. Nikam from ARAI, Ms. Vijyenta from ICAT, Mr. P.S. Gowrishankar from TML and Mr. A V Kumbhar from Bajaj Auto to discuss the country specific requirements as proposed by Mr. Nikam in the</p>	The status of Progress on this document is awaited from the Panel Convener.	The chairman asked the panel convener to conduct the panel meeting at the earliest to finalize the document for circulation.

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		<p>SC Meeting in the draft standard.</p> <p>The panel was requested to submit the final document in one month's time.</p> <p>A Panel Meeting was conducted on 12/08/2021 to finalize the draft on revision of IS 14495: 1998 by Mr. Feroz khan. The Minutes of the meeting is awaited. A mail dated 16/09/2021, has been written to Mr. Feroz khan to forward the minutes of the meeting for circulation among the members. The Response is awaited. The minutes will be circulated as soon as received.</p> <p>The Minutes of the panel meeting was circulated to all the Committee members via email dt. 21st September 2021.</p> <p>The committee noted the status.</p> <p>It was suggested by members that one more panel meeting is required to prepare the final document.</p> <p>The Panel Convenor promised to conduct the panel meeting in the month of October and get back to BIS with final document after the panel meeting.</p>		
4.	<p>Doc TED 6 (14015) : Statutory Plates and Inscriptions for Motor Vehicles their Location and Method of attachment - Vehicle Identification Numbering System</p> <p>In 29th Meeting of SC TED 06, it was decided to send this document for Printing.</p>	<p>The email for approval of TEDC Chairman has been sent on March 19th 2021. The response is awaited. The committee may please note.</p> <p>The Committee Noted the status.</p>	<p>The final copy of the document has been received from Mr. Faustino and will be sent for printing after chair TED 06 Approval.</p>	<p>The committee noted.</p>

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		<p>A mail had been received from Mr. Dinesh G M, TKML dt. 15/07/2021, indicating that existing document TED 06(14015) is in line with AIS 065 (upto Amendment 3). Although Amendment No. 4 has also been issued for AIS 065 but this existing document [TED 06 (14015)] does not take it into account.</p> <p>Hence to avert the requirement for an amendment at a later stage, The earlier draft document was modified and the Amendment No. 4 to AIS 065 was incorporated in the doc. TED 29 (14015). The Modified draft was sent for comments of the committee members via email dt. 27/07/2021.</p> <p>(Please Refer the transcript of the email in Annexure – II for better clarity)</p> <p>No comments have been received on the document. The committee may finalize the Modified draft for printing.</p> <p>The committee noted the status.</p> <p>Mr. Faustino from Ashok Leyland suggested to carry out some editorial changes with regards to Annexure-1 (Typical Manufacturer’s Plate) of AIS 065 for better clarity.</p> <p>The committee asked member secretary to share the word copy of draft document TED 6 (14015) with Mr. Faustino for carrying out Editorial Changes.</p>		

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		The Committee also decided to send the document for printing after the final copy is received from Mr. Faustino with Chairman Approval.		
5.	<p>Doc TED 06 (16819): DRAFT AMENDMENT NO. 4 TO IS 14272: 2011 - AUTOMOTIVE VEHICLES - TYPES - TERMINOLOGY</p> <p>The draft amendment no. 4 to IS 14272: 2011, was received from Chairman TED 6, Mr. Sreenivasulu, via email dt.2nd Jan 2021 for Wide Circulation.</p> <p>The document was sent for wide circulation on 08/01/2021 for 30 days. (Attached as Annexure - 7)</p>	<p>No comments have been received on the document. The committee may deliberate and decide.</p> <p>The committee decided to send this document for printing.</p> <p>The document has been sent for publication dt. 16/08/2021.</p>	<p>The document is with publication department.</p> <p>One new proposal has been received from Hero Motocorp to start working on Amendment 5 to IS 14272. Draft amendment has also been received from Hero Motocorp and the same was attached as Annexure -12 of the agenda for the reference of the members.</p>	<p>The committee noted the status of the document TED 06 (16819).</p> <p>The committee also decided to send the Draft amendment No. 5 to IS 14272 for P Draft Circulation.</p>
6.	<p>Proposal for</p> <p>1. Draft Amendment No.1 to IS 13942 (Part 2):2020</p> <p>2. Draft Amendment No.1 to IS 13942 (Part 1):2020</p> <p>3. Draft Amendment No.1 to IS 15943:2012</p> <p>4. Draft Amendment No.1 to IS 16712:2018</p> <p>A proposal has been received from SIAM to issue an amendment to IS 13942 (Part 2) : 2020 through email dt. 26th May 2021.</p> <p>Draft amendment proposal is covering items mentioned as below:</p> <p>1. <i>Draft Amendment No.1 to IS 13942 (Part 2):2020</i></p> <p>Extension of the scope of IS</p>	<p>The Committee decided to send all the four proposed draft amendments directly to WC.</p> <p>All the documents have been sent for WC as TED 06(17826)W, TED 06(17824)W, TED 06(17825)W, TED 06(17822) W</p> <p>All the documents have completed their WC Period of 30 Days and No Comments have been received on them.</p> <p>However Some Additional Comments have been received from Mr. Faustino V, Ashok Leyland on IS 13942 (Part 2): 2020 and are attached on Annexure-III.</p> <p>Since No comments have been received on the circulated Amendments, The committee</p>	<p>Document TED 06 (17826) has been received from Mr. Faustino and the same is attached at Annexure – 3 of the agenda for Reference.</p> <p>The committee may deliberate and decide.</p> <p>Other documents TED 06 (17824) & TED 06 (17825) have been sent for HoD approval for printing.</p> <p>One Editorial Comment had been received on document TED 06 (17822) from Ms. Vijyenta from ICAT and the same has been attached as Annexure – 4 of the agenda.</p> <p>The Draft After Incorporation of this</p>	<p>The committee noted the status of documents TED 06 (17824) & TED 06 (17825).</p> <p>The committee also decided to send both TED 06 (17826) & TED 06 (17822) for printing after the said editorial modifications.</p>

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	<p>13942 (Part 2):2020 to include vehicle categories of L7 and 3W>500cc in line with current provisions of CMVR & clauses addition for brining clarity for scope applicability.</p> <p>2. <i>Draft Amendment No.1 to IS 13942 (Part 1):2020 External Projections – Performance requirements for other than M1 category:</i> the amendment is proposed to bring more clarity in the current text for Wiper blade external projection exemption. The draft is attached as Annexure - 8.</p> <p>3. <i>Draft Amendment No.1 to IS 15943:2012 Automotive Vehicles – Hand-Holds For Three, Four And More Than Four Wheeled Motor Vehicles – Specification</i></p> <p>4. <i>Draft Amendment No.1 to IS 16712:2018 Automotive Vehicles – Spray Suppression Systems For Two Wheeled Motor Vehicles.</i></p> <p>The committee may deliberate and decide.</p>	<p>may finalize these documents for printing.</p> <p>The committee discussed the comments received from Mr. Faustino and agreed to incorporate all of them owing to their editorial nature.</p> <p>The committee decided to send all the documents for Printing after incorporation of comments from Mr. Faustino.</p>	<p>comment is also attached after the received comment.</p> <p>The committee may send the final document TED 06 (17822) for printing.</p>	
7.	<p>TED 06 (18171) Amendment – 1 to IS 13506:2013 - Automotive vehicles - Method of test for articulation (First Revision)</p>	<p>A mail has been received from Mr. Ved Prakash Gauttam, AL dt. March 15th, 2021, proposing to move IS 13506 from SC TED 4 to TED 6.</p> <p>The committee may deliberate and decide.</p> <p>It was decided in SC TED 06 Meeting to shift the scope of IS 13506 from TED 04 to TED 06.</p> <p>Further administrative processes can be undertaken accordingly.</p>	<p>The document was sent for WC for 30 days on 25/10/2021 as TED 06 (18171) W.</p> <p>The comments were received from Mr. Muniyandi P , DGQA and are attached as Annexure – 5 of the agenda.</p> <p>The Committee may discuss and deliberate.</p>	<p>The committee deliberated the comments received from DGQA.</p> <p>The committee decided that at this point these comments cannot be taken up as the matter is</p>

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		<p>A draft amendment was also proposed by AL & TML to IS 13506. The committee requested TML to send the final document to BIS for Wide circulation of 30 days.</p> <p>The final document has been received from TML and attached as Annexure – IV.</p> <p>The document will be sent for WC in the BIS Format once SC TED 04 accede to the request to Move IS 13506 from SC TED 04 to SC TED 06.</p>		<p>long deliberated and discussed.</p> <p>However the comments can be taken into consideration at a later stage if felt necessary by the sectional committee.</p> <p>Hence the committee authorized member secretary to send the draft amendment for printing without any changes.</p>
8.	<p>TED 06 (15877) : Draft Amendment No. 2 July 2020 To Is 15547 : 2005 Automotive Vehicles – Plastic Fuel Tank For Four Wheelers</p> <p>The document was Sent for WC 06/08/2020 for 60 days, No Comments have been received.</p> <p>The document was also circulated in Addenda to Agenda for 30th Meeting of SC TED 29.</p>	<p>There being No Comments, The Committee decided to send this document for Printing.</p> <p>The document was sent for printing dt. 13/08/2021. The committee noted.</p>	The document is with publication department.	The committee noted.
9.	<p>TED 06 (15878) : Draft Amendment No. 2 July 2020 To Is 16219 : 2014 Automotive Vehicles – Metallic Fuel Tanks – Specifications</p>	<p>The document was Sent for WC 06/08/2020 for 60 days, No Comments have been received.</p> <p>The document was also circulated in Addenda to Agenda for 30th Meeting of SC TED 06.</p> <p>There being No Comments, The Committee decided to</p>	The document has been printed.	The committee noted.

SI no.	Item / Previous Decisions	Decision in the last meeting	Current Status	Decision of the Committee
		<p>send this document for Printing.</p> <p>The document was sent for printing dt. 18/08/2021. The committee noted.</p>		
10.	<p>TED 06 (14012): Requirements Of Temporary Cabin For Drive-Away-Chassis Configuration/ Vehicles,</p> <p>TED 06 (14013): Field Of Vision Of Motor Vehicle Drivers For M1 And L7-M Category.</p>	<p>The Committee decided to send the documents TED 06 (14012) & TED 06 (14013) to WC again from a period of 30 days.</p> <p>Document TED 06 (14012) has been sent for WC on 13/08/2021. Comments have been received from Mr. Faustino V and the same is attached as <u>Annexure V</u> of the agenda.</p> <p>The committee may deliberate and decide.</p> <p>Document TED 06 (14013) Will be sent for WC Shortly. The committee may please note.</p> <p>The committee noted the status of Doc TED 06 (14070) & TED 06 (14013).</p> <p>The committee decided to give one month more time to members for giving comments on document TED 06 (14012).</p> <p>If no comments are received, the document can be sent for printing with Chairman, TED 06 Approval.</p> <p>If Comments are received, they can be discussed in the next SC TED 06 Meeting.</p>	<p>Document TED 06 (14013) has been sent for HoD approval for WC of 60 days.</p> <p>No comments have been received on the document TED 06 (14012).</p> <p>The document is attached as Annexure – 6 of the agenda for reference with editorial changes highlighted in Blue text.</p> <p>The committee may decide to send the document for printing.</p>	<p>The committee noted the status of document TED 06 (14013).</p> <p>The committee decided to send the document TED 06 (14012) for printing after editorial corrections as mentioned in the agenda.</p>
11.	ARAI Comments on IS 14681 (First Revision) : 2021	The Committee discussed the comments received, and asked Mr. Khairatkar, ARAI, to	Two panel meetings have been conducted by Mr. Khairatkar, ARAI	The committee decided to

Sl no.	Item / Previous Decisions	Decision in the last meeting	Current Status	Decision of the Committee
		conduct a separate panel meeting for discussion comments received on this document get back in the next SC TED 06 Meeting.	<p>on 9th & 20th December 2021.</p> <p>The minutes of both the meetings have been circulated via email dt. 20/12/2021.</p> <p>The committee may discuss and deliberate.</p>	<p>send the document for wide circulation for 60 days, once received from the panel convener.</p> <p>The committee also requested Panel convener Mr. Khairatkar, ARAI to send the final document to BIS within a week's time.</p>

ITEM 4 TECHNICAL WORK PROGRAMME OF THE COMMITTEE

4.1 The Committee noted the information as given in the agenda.

4.2 The committee decided to assign the responsibilities to review the standards as given below:

Sr. No.	IS Number	Title	Responsibility for Review Assigned to	Status	Decision of the Committee
1	IS 7001 : 2017	Springs – Shot peening – General procedures (Second Revision)	Mr. Uday Harite (Will suggest the Expert)	Inputs are Awaited.	The Committee decided to reaffirm this standard for time being. It will be further taken up for review by SC TED 34.
2	IS 10331 : 1982	Specification for fuel tap for mopeds	Mr. Feroz Khan	The Review document has been received from Hero Motocorp and the same is attached as Annexure - 8 .	<p>The committee decided to ReAffirm the standard as of now.</p> <p>Apart from it The committee requested ACMA to form a panel under their convenership as suggested by HMCL and work upon the</p>

					draft for revision of IS 10331 : 1982
3	IS 13943 : 2017	Automotive vehicles – Wheel guards for vehicles of m1 category – Performance (First Revision)	Mr. Vishal Rawal ARAI	In last meeting it was decided by the committee to ReAffirm the standard. The standard is ReAffirmed.	The Committee noted.
4	IS 9238 : 1979	Lateral spacing of foot controls for passenger cars	Ms. Pushpanjali Pathak (M&M)	Status in 31st Meeting : It has been recommended by Mr. Shakthivelan S. via email dt. Sept. 5, 2021 to withdraw the IS 9238 : 1979 as the standard has been superseded by IS-16604:2017(with Amd-1, 2021). <i>The inputs are awaited in the BIS Recommended Format (Attached as Annexure - VII) for further process of review through BIS Portal.</i> The committee requested M&M to provide their comments in the BIS Prescribed format within one month time. Once received, it will be circulated with all the	In Accordance with the recommendation of M&M, the committee decided to withdraw this standard (IS 9238 : 1979) as it has been superseded by IS 16604:2017.

				<p>members and in the next SC Meeting, The decision on this document will be taken.</p> <p>Status in 32nd Meeting : The Review document has been received from Mr. shaktivelan and the same is attached as Annexure – 9.</p>	
5	IS 10791 : 1983	Specification for control cable assembly for mopeds	Mrs. Richa Naik, AML-ARAI	<p>In the last meeting of SC TED 06, It was decided to ReAffirm this standard.</p> <p>The standard has been reaffirmed.</p>	The committee noted.
6	IS 11028 : 1984	Specification for handle bars for mopeds	Mr. Arvind Kumbhar (Bajaj Auto)	<p>Decision in 31st Meeting :</p> <p>The committee decided to Circulate Review document received on IS 11028 & IS 11030 to all the members and the final decision can be taken in the next SC Meeting.</p> <p>The committee also requested Mr. Vishwanathan from Bajaj Motors to prepare a</p>	<p>Competent Authority of BIS had decided to revise all pre 2000 standards, In accordance to it Review proforma and draft standard for IS 11028 and 11030 had been circulated vide BIS portal to committee members for receipt of technical inputs.</p> <p>Draft standard of IS 11140 has been received from Mr. Vishwanathan from Bajaj Motors and p draft was circulated among committee members vide BIS portal.</p>
7	IS 11030 : 1984	Specification for moped seat pillars	Mr. Arvind Kumbhar (Bajaj Auto)		
8	Doc : TED/06/1 9426 IS 11140 : 1984	Specification for footrest assembly for mopeds	Mr. Arvind Kumbhar (Bajaj Auto)		

				<p>preliminary draft to revise the standard IS 11140 and align it with latest AIS.</p> <p>Status in 32nd Meeting :</p> <p>The document on IS 11140 from Mr. Vishwanathan is awaited.</p> <p>The committee may decide upon the documents IS 11028 & IS 11030. Both review documents have are also being attached as Annexure – 10 of the agenda for Reference.</p> <p>Decision in 31st Meeting :</p> <p>The committee decided to Reaffirm all the three standards i.e. IS 11028:1984, IS 11030:1984 & IS 11140:1984 as of now.</p> <p>In accordance with the decision in the last meeting, the committee again requested Mr. Mr. Vishwanathan from Bajaj Motors to prepare a</p>	
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				preliminary draft to revise the standard IS 11140 and align it with latest AIS.	
9	IS 14413 : 1996	Automotive vehicles – Telltale symbols and controls on two – Wheeled and three wheeled vehicles	Mr. Vishal Rawal ARAI	<p>Decision in 31st Meeting : The Review document was received from Mr. Vishal Rawal.</p> <p>The Committee requested Mr. Betgiri and Mr. Vishal rawal to work on the draft document for Revision of IS 14413 and align it with AIS 126.</p> <p>The Inputs on progress on this document is awaited.</p>	<p>The committee decided to reaffirm the standard as of now.</p> <p>Mr. Vishal Rawal told that word copy of AIS 126 has been sent to BIS just before the meeting.</p> <p>Hence the committee requested the member secretary to go through the received copy of AIS 126 and discuss with Mr. vishal rawal & Mr. Betgiri to come up with a draft standards which can be sent for p draft circulation for revision of IS 14413 : 1996.</p>
10	IS 15061 : 2002	Automotive vehicles – Flammability requirements	Ms. Vijayanta Ahuja (ICAT)	<p>The review document has been received from Ms. Vijayanta , ICAT and the same is attached as Annexure - 11</p>	<p>The committee decided to reaffirm the standard for time being.</p> <p>The committee also requested Ms. Vijayanta, ICAT to prepare the draft document for revision of IS 15061:2002 and conduct a panel meeting involving the members from test agencies and vehicle & components manufacturers to discuss the country specific requirements.</p>

11	IS/ISO 26909 : 2009	Springs – Vocabulary	Mr. Uday Harite (Will suggest the Expert)		The Committee decided to reaffirm this standard for time being. It will be further taken up for review by SC TED 34.
12	IS/ISO 16249 : 2013	Springs – Symbols	Mr. Uday Harite (Will suggest the Expert)		The Committee decided to reaffirm this standard for time being. It will be further taken up for review by SC TED 34.
13	IS 15943 : 2012	Automotive vehicles – Hand – Holds for three, four and more than four wheeled motor vehicles – Specification	Mr. S.H. Nikam	The Review document had been received from Mr. Vishal Rawal. In the last meeting it was decided to reaffirm this standard. The standard would be reaffirmed shortly on the BIS Portal.	The committee noted. The committee has discussed that Mr. S.H. Nikam will take over this subject from Mr. P.D. Betgeri. The chairman thanked Mr. Betgeri for handing over the subject.
14	IS/ISO 2162 : Part 2 : 1993	Technical product documentation – Springs: Part 2 presentation of data for cylindrical helical compression springs	Mr. Uday Harite (Will suggest the Expert)		The Committee decided to reaffirm this standard for time being. It will be further taken up for review by SC TED 34.
15	IS 16332 : 2017	Automotive vehicles – Strength of superstructure of large passenger vehicles	Mr. V G Kulkarni	Status in 31st Meeting : It has been recommended by Mr. V G Kulkarni via email dt. Sept. 8, 2021, to align IS 16332 : 2017 with latest amendment to AIS-031. A Comparision Matrix has been prepared by Mr. Kulkarni and the same	

				<p>is attached as Annexure – VIII.</p> <p><i>The inputs are awaited in the BIS Recommended Format (Attached as Annexure - VII) for further process of review through BIS Portal.</i></p> <p>Decision in 31st Meeting : The committee requested Mr. Faustino to prepare the draft document based on latest AIS Standards to revise IS 16332.</p> <p>Mr. Faustino promised to get back with preliminary draft within two Month's time.</p> <p>The committee Authorized the Member secretary to send the document for Preliminary Circulation once it is received from Mr. Faustino.</p> <p>Status in 32nd Meeting : The document has been received from Mr. Faustino and will be</p>	
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				<p>circulated as P Draft Shortly.</p> <p>Decision in 32nd Meeting : The committee Noted</p>	
16	IS 16604 : 2017	Automotive vehicles – Arrangement of foot controls of vehicles – Specification	Mr. V G Kulkarni	<p>Status in 31st Meeting : It has been recommended by Mr. V G Kulkarni not to review IS 16332 as of now as the document was recently reviewed.</p> <p>Decision in 31st Meeting : The chairman promised to discuss the document with Mr. V G Kulkarni and get back with Review document in the next meeting.</p> <p>Status in 32nd Meeting : The Response is awaited</p>	The standard had been reaffirmed in June 2022

ITEM 5 INTERNATIONAL ACTIVITIES

The Committee noted the information given in the Agenda and suggested that Indian delegation would be sent to attend the ISO Technical Committee meetings in future as and when required.

ITEM 6 DATE AND PLACE FOR THE NEXT MEETING

The committee decided that the date and time of the next meeting of TED 6 may be finalized with the approval of Chairman.

ITEM 7 ANY OTHER BUSINESS

There being No other comments/proposals, the meeting ended with a vote of thanks by the chairman.