***46th meeting of CHD 19***

***23rd and 24th October 2024 in Virtual mode***

***Resolutions adopted during the meeting***

**Resolution 1**

BIS/CHD19 46th meeting, Resolution 1, approves the minutes of the 45th meeting of CHD 19 held on 11th September 2024 finalized during the 46th meeting.

**Resolution 2**

BIS/CHD19 46th meeting, Resolution 2, Notes that considering the BIS letter No.P&C/09/18/2023-PNC-BIS dated 09th Nov 2023 from DG BIS that non-participation in the two consecutive meetings shall automatically become disqualified for the membership.

**Resolution 3**

BIS/CHD19 46th meeting, Resolution 3, reviews the co-option request received and after reviewing Committee decided to co-opt the following experts in the working groups for a defined subject where their expertise can be utilized.

1. Mr. V Abdul Razak (through IFCOMA)
2. Dr Saurabh Bairathi (through CIFI)

**Resolution 4**

BIS/CHD19 46th meeting, Resolution 4, reviews the present composition of the panel and deliberated that the work allocated to the panels have been completed and decided to disband the following Panels under CHD 19:

1. CHD 19: P3 - Panel for revision of IS 10702:2023 (Hawai Chappal) and IS 6721:2023 (Sandal & Slippers)
2. CHD 19: P4 - Revision of Standards Panel
3. CHD 19: P5 - Panel for Revision of IS 15844:2010
4. CHD 19: P7 - Panel for Formulation of Standard on Formal Shoes

**Resolution 5**

BIS/CHD19 46th meeting, Resolution 5, discussed the Sector and sub sector under which the standards of CHD 19 shall be Categorized. The Committee after deliberation decide to form three Working Panel under the three main sectors under which the further working groups will be formulated. The three Working Panels and their members are as follows:

1. Safety, Professional and Occupational Footwear
2. Mr. S. S Lahiri
3. Mr. Prem Mehani
4. Mr. J Basak
5. FDDI
6. General Purpose Footwear
7. CLRI
8. CIFI
9. Mr. Hitesh Kakkar, BATA
10. Mr. Vipan Mehta
11. Footwear Components
12. Mr. Deepak Manchanda
13. IFCOMA
14. Mr. Aditya Sharma, MSME

**Resolution 6**

BIS/CHD19 46th meeting, Resolution 6, accepts to conduct the next meeting CHD 19 as decided per annual calendar which is as follows:

1. 47th Meeting 1st week of March

**Resolution 7**

BIS/CHD19 46th meeting, Resolution 7, requested the Committee member to provide the working draft for the standards that has been allocated to them.

**Resolution 8**

BIS/CHD19 46th meeting, Resolution 8, resolved to discuss revised draft received for IS 11264 and the changes proposed in IS 10089 and IS 7329. After deliberation Committee decided to send the following documents into Wide Circulation for period of 60 days:

1. IS 10089: 1981 Specification for metal lasts for knee boots
2. IS 11264: 1985 Code of practice for manufacture of safety rubber canvas footwear for miners
3. IS 7329: 1974 Specification for metal lasts for safety rubber - Canvas ankle boots

**Resolution 9**

BIS/CHD19 46th meeting, Resolution 9, discussed the ISO standards proposed by Mr. Aditya Prakash for revision of IS 12241(Part 1) to (Part 8). After deliberation Committee decided to rewrite and revise the standard. The standards are allocated to the following Committee Members to provide the revised draft till end of November:

1. IS 12240(Part 1):1988 Methods of test for polyvinyl chloride boots Part 1 measurement of thickness — allocated to CLRI
2. IS 12240(part 2):1988 Methods of test for polyvinyl chloride boots Part 2 determination of durometer hardness shore A — allocated to CLRI
3. IS 12240 (Part 3): 1988 Methods of test for polyvinyl chloride boots Part 3 determination of relative density — allocated to CLRI
4. IS 12240(Part 4):1988 Methods of test polyvinyl chloride for boots Part 4 determination of volatility — allocated to Mr. J Basak
5. IS 12240(Part 5):1988 Methods of test for polyvinyl chloride boots Part 5 determination of lead content — allocated to SGS
6. IS 12240(Part 6):1988 Methods of test for polyvinyl chloride boots Part 6 determination of tensile strength and elongation at break — allocated to Mr. Aditya Sharma, MSME (TDC)
7. IS 12240(Part 7):1988 Methods of test for polyvinyl chloride boots Part 7 flexing test - Resistance to cut growth for soling material — allocated to SGS
8. IS 12240(Part 8):1988 Methods of test for polyvinyl chloride boots Part 8 resistance to flexing for polyvinyl chloride upper material — allocated to Mr. Prem Mehani

**Resolution 10**

BIS/CHD19 46th meeting, Resolution 10, noted the status of the document that is under preparation.

**Resolution 11**

BIS/CHD19 46th meeting, Resolution 11, resolved to discuss the New Work Item proposals received and decided the following on the subjects proposed:

1. School Shoes For Boys and Girls Specification - The P draft provided by Dr. R Mohan will be discussed in the meeting of Panel 8, which is tentatively scheduled on 13th November 2024. The Committee further requested Member secretary to send the P draft prepared by Dr. R Mohan and the earlier available draft of school shoes for Boys and Girls with BIS to the Panel Members.
2. All Rubber Gum Boots and Ankle Boots for Children as IS 5557(Part 3) – the P draft provided by Dr. R Mohan was discussed by the Committee along with the comments received. After deliberation Committee suggested the changes and decided to send it for Wide Circulation for period of two months.
3. Product standard on Di Electric Boots – Mr. J Basak will provide the details before the next meeting.
4. Protective Footwear for Motorcycle Riders – SGS will provide the P draft within 15 days.
5. IS 3976 Safety Boots for Miners Type 3 (Hybrid Footwear) – Mr. J Basak will provide the revised draft of IS 3976 incorporating the amendment as well as the proposed type 3 in the draft.

**Resolution 12**

BIS/CHD19 46th meeting, Resolution 12, resolved to discuss the New Work Item proposals of Shoes for the troops of valley QAT (Quick Action Team) personnel and Draft QR/TDs of Non-Skid Tactical /Combat/Advance high Ankle Boot and deliberated that both the proposal have similar specifications, so the Committee decided the following on the subjects proposed:

1. NSG will provide the report and inputs after their board meeting regarding the changes NSG wants to suggest in IS 17012 as per their QR/TDs.
2. NSG is requested to send the sample of the shoes to CLRI and FDDI for study and testing purpose.
3. A working Group will be formed which will do the comparision of the test value of QAT shoes provided by CLRI with IS 17012. The members of the working groups are:
4. Mr. Prem Mehani, Pinza Footwear (Convenor)
5. Mr. S.S Lahiri, Liberty Shoes
6. Representative from NSG
7. Representative from CRPF
8. Mr. Aditya Sharma, MSME
9. Dr. R Mohan, CLRI
10. Mr. Shailendar Saxena, FDDI

**Resolution 13**

BIS/CHD19 46th meeting, Resolution 13, discussed for the standards available on sole. The Committee deliberated and decided to form a working group for formulation/revision of existing sole standards which will include TPR, TPU, Blown PVC, EVA, Phylon. The Committee requested Member secretary to send the draft sent by Dr. R Mohan to the working group members. The members of the working group are as follows:

1. Dr. R Mohan, CLRI (Convenor)
2. IFCOMA
3. Mr. Govindaraju, BATA
4. Mr. Aditya Sharma, MSME (TDC)
5. SGS

**Resolution 14**

BIS/CHD19 46th meeting, Resolution 14, resolved to discuss the comment received on the Indian Standards and decided the following:

1. IS 5557 (Part 1): 2024 All Rubber Gum Boots and Ankle Boots Part 1 Safety and Protective (Fifth Revision) – agreed to the comment and decided to incorporate the changes in amendment no. 1 of the standard and to send the document into wide circulation for 30 days.
2. Definition of Footwear Categories, Specifically Sports Shoes and Safety Footwear – Committee after detailed deliberation did not agreed with the comment.
3. IS 15844 (Part 3): 2024 Sports Footwear Part 3 Professional Sports Footwear — The Committee discussed and agreed with some comments. The Committee decided to get more inputs regarding the comments and then accordingly amendment will be prepared.
4. IS 17043 (Part 2): 2024 Shoes: Shoes for General Purpose - The Committee discussed and agreed with some comments. The Committee requested SGS to provide the Annex for test of Water-Resistance for Leather Sole which will be incorporated in the Amendment.

**Resolution 15**

BIS/CHD19 46th meeting, Resolution 15, discussed the international activities to Committee Members.

**Resolution 16**

BIS/CHD19 46th meeting, Resolution 16, discussed the Upcoming Meeting of ISO/TC 94/ SC 3. The Member Secretary requested the registered experts to participate in the meeting.

**Resolution 17**

BIS/CHD19 46th meeting, Resolution 17, discussed the ISO documents which are under development in ISO/TC / 94/SC 3, ISO/TC 137 and ISO/TC 216. The Committee after deliberation decided the priority as well as designated the experts for the documents which are under development.

**Resolution 18**

BIS/CHD19 46th meeting, Resolution 18, discussed that the ISO 16186: 2012 adopted by Committee under dual numbering as IS 16991:2018 has been revised by ISO. The Committee after deliberation decided to adopt the latest version of ISO 16186 i.e. ISO 16186: 2021 and send the document into Wide circulation for period of 60 days.

**Resolution 19**

BIS/CHD19 46th meeting, Resolution 19, requests members to provide their comments /inputs on ISO documents circulated to them.

**Resolution 20**

BIS/CHD19 46th meeting, Resolution 20, thanks to chairperson and members for joining the meeting.