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**CHEMICAL DEPARTMENT**

**FOOTWEAR SECTIONAL COMMITTEE**

**CHD 19**

**MINUTES OF 45th MEETING**

Date/Day/Time: 11th September 2024, Wednesday, 10:30 AM

Venue: Cisco Webex meeting (VC Meeting)

Chairperson: Dr. B N Das, (In personal Capacity)

Member Secretary: Ms. Preeti Prabha, Scientist-C, CHD

# Members Present

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|  | Dr. B N Das, (Chairperson) |
|  | Dr. R. Mohan, CSIR-CLRI, Chennai |
|  | Mr. A. Fayaz Ahmad, CLE |
|  | Mr. Aditya Prakash Sharma, MSME, Meerut |
|  | Mr. Amit Sancheti, LUB |
|  | Mr. J.P Chugh, LUB |
|  | Mr. J. Basak, Atharava Lab |
|  | Deepak Manchanda, Top Lasts |
|  | Mr. Sanjeev Kumar, CRPF |
|  | Mr. G P Kedia, Prolific Engineers |
|  | Mr. Govindaraju, BATA |
|  | Mr. Hitesh Kakkar, BATA |
|  | Mr. Manoj Kumar, XO Footwear |
|  | Mr. V Noushad, CIFI |
|  | Mr. Raj Kumar Gupta, CIFI |
|  | Mr. P. Venkatesan, SGS |
|  | Prem Mehani, Pinza Footwear |
|  | Mr. Sharad Kant, IFCOMA |
|  | Mr. K Srinivasan, CFTI |
|  | Mr. Venkatesan, SGS |
|  | Mr. S.S Lahiri, Liberty Shoes |
|  | Mr. Vipan Mehta, MB Rubber |
|  | Mr. Saifullah Ansari, DGMS |
|  |  |
|  | **Other Invitees** |
|  |  |
|  | Mr. Nand Kishore,CIFI |
|  | Mr. Prabir Ghosh,BATA |
|  | Mr. S Chakraborty, DGQA |
|  | Mr. Sunil Gangwar,Lancer Footwear |
|  | Mr. Anoop,CIFI |

# BIS Officials

1. Shri Ajay Kumar Lal, Sc-F and Head (CHD)
2. Ms. Preeti Prabha, Sc-C, Member Secretary, CHD 19

# ITEM 0 WELCOME AND INTRODUCTORY REMARKS

# Welcome of Chairperson and Members by BIS

Ms. Preeti Prabha, Sc-C, extended a warm welcome to the Chairperson and members to the 45th meeting of Footwear Sectional Committee, CHD 19 and thanked them for sparing their valuable time for supporting BIS, the National Standards Body of India in its pursuit of standardization.

# Opening Remarks of the Chairperson

Dr. B N Das, Chairperson of CHD 19, welcomed all the members present in the meeting and thanked them for joining over video conferencing. He further informed the Committee about the upcoming footwear conference scheduled from 31st August to 3rd September 2025, which will focus on the theme of applying AI in the footwear industry. Dr. Das also shared insights on the latest trends in the footwear sector regarding cut components without stitching and lasting with new machine and robotics.

**ITEM 1 CONFIRMATION OF THE MINUTES OF THE 44th MEETING**

**1.1** No comments were received on Minutes of 44th meeting of CHD 19. In view of non-receipt of comments, the Committee confirmed the minutes of the 44th meeting of CHD 19 as circulated.

**ITEM 2 COMPOSITION OF CHD 19**

**2.1** The Committee decide to review the composition in the next Committee meeting.

**ITEM 3 ACTIONS ARISING OUT OF THE MINUTES OF PREVIOUS MEETING**

The Committee deferred the discussion of Item No. 3 of the Agenda for the next meeting.

**ITEM 4 DRAFT STANDARD/AMENDMENTS SENT FOR PRINTING**

The Committee **NOTED** the status of the standards that have been printed since the last Committee meeting.

**ITEM 5 DRAFT STANDARD/AMENDMENTS UNDER WIDE CIRCULATION/ COMPLETED WC**

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| Sl No. | **IS no. and Title** | **Committee Decision** |
| 1. | CHD/19/25083 IS 17861: 2022  Textile Boots with Polymeric Sole Jungle Boots - Specification (*third revision*) Amendment - 1 | * The document was sent into wide circulation for 30 days to seek comments on 22-05- 2024. * As no comments have been received on the wide circulation draft, the Committee decided to finalize the draft for printing. * The finalized draft is attached below: |
| 2. | CHD/19/25481 IS 12254: 2021  Polyvinylchloride PVC Industrial Boots  - Specification (*second revision*) | * The document was sent into wide circulation for 30 days to seek comments on 28-05- 2024. * No comments have been received on the wide circulation draft. However, some comments have been received on the standards through Manak Manthan. So, the Committee decided to incorporate the changes in the same draft and finalize it for printing. * The final draft is attached below: |
| 3. | CHD/19/25588  IS 17275: Part 2: 2019/  ISO 22568-4:2019  Perforation Resistant Inserts for Protection of Feet Specification Part 2 Non-Metallic Perforation Resistant Inserts | * The document was sent into wide circulation for 60 days to seek comments on 22-05- 2024. * As no comments have been received on the wide circulation draft, the Committee decided to finalize the draft for printing. |
| 4. | CHD/19/25577  IS 16915: 20XX/ ISO 16181-1:2021  Footwear Critical Substances Potentially Present in Footwear and Footwear Components Part 1 Determination of Phthalates with solvent extraction (*first revision)* | * The document was sent into wide circulation for 60 days to seek comments on 15-05- 2024. * As no comments have been received on the wide circulation draft, the Committee decided to finalize the draft for printing. |
| 5. | CHD/19/25580  IS 16915: 20XX/ISO  16181-2:2021  Footwear Critical Substances Potentially Present in Footwear and Footwear Components Part 2 Determination of phthalate without solvent extraction (*first revision)* | * The document was sent into wide circulation for 60 days to seek comments on 22-05- 2024. * As no comments have been received on the wide circulation draft, the Committee decided to finalize the draft for printing. | |
| 6. | CHD/19/25332  IS 6053: Part 4: 1972  Hand tools for footwear industry Specification Part 4 Half Round Knife (*first revision)* | * The document was sent into wide circulation for 60 days to seek comments on 25-05- 2024. * As no comments have been received on the wide circulation draft, the Committee decided to finalize the draft for printing. | |
| 7. | CHD/19/25347  IS 6053: Part 5: 1972  Hand tools for footwear industry Specification Part 5 Straight hacking knife (*first revision)* | * The document was sent into wide circulation for 60 days to seek comments on 02-05- 2024. * As no comments have been received on the wide circulation draft, the Committee decided to finalize the draft for printing. | |
| 8. | CHD/19/25550 IS 8060: 1976  Heel-Tip and Toe-Tip with Nails for Footwear Specification (first *revision*) | * The document was sent into wide circulation for 60 days to seek comments on 06-05- 2024. * As no comments have been received on the wide circulation draft, the Committee decided to finalize the draft for printing. | |
| 9. | CHD/19/25472  IS 8085 (Part 29): 20XX  /ISO 20866:2018  Methods of Test for Footwear Part 29 Delamination Resistance for Insoles | * The document was sent into wide circulation for 60 days to seek comments on 01-05- 2024. * As no comments have been received on the wide circulation draft, the Committee decided to finalize the draft for printing. | |

**ITEM 6 DRAFT UNDER PREPARATION**

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| **Sl No.** | **IS no. and Title** | **Committee Decision** |
|  | IS 5557 (Part 2): 2018  All rubber gum boots and ankle boots: Part 2 Occupational purposes | * The draft amendment is under preparation. * The Committee **NOTED** the status. |

**ITEM 7 NEW SUBJECTS**

**7.1** The Committee deferred the discussion of the following New Subject item for the next committee meeting due to paucity of time:

1. School Shoes for Boys and Girls Specification
2. All Rubber Gum Boots and Ankle Boots for Children as IS 5557(Part 3)
3. Shoes for the troops of valley QAT (Quick Action Team) personnel
4. Product standard on Di Electric Boots

**7.2** The Committee also discussed the NWIP ‘Standards on therapeutic footwear’. The Committee after deliberation decided to **DROP** the NWIP ‘Standards on therapeutic footwear’ from the scope of CHD 19, as this standard will be formulated under MHD Department of BIS. The Committee further recommended Dr. B N Das and Dr. G Saraswathy to be member of that panel under which this standard will be formulated.

**ITEM 8 COMMENTS ON PUBLISHED STANDARDS**

* 1. The Committee discussed all the comments that have been received on published standard during Manak Mantrana. After detailed deliberation Committee disposed of all the Comments and the decision of the Committee is attached below:

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* 1. The following comments have been received on different published Indian Standards through portal and Manak Manthan:

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| **Sl No.** | **IS no. and Title** | **Committee Decision** |
| 1. | IS 6721: 2023  Sandal and Slippers - Specification (*first revision*) | * The Committee discussed all the comments that have been received on the standard through portal and Manak Manthan. * After detailed deliberation Committee disposed of all the comments. * The decision of the Committee is attached below:      * The Committee decided to send the amendment into WC for 30 days. |
| 2. | IS 10702: 2023  Hawai Chappal-Specification | * The Committee discussed all the comments that have been received on the standard through portal and Manak Manthan. * After detailed deliberation Committee disposed of all the comments. * The decision of the Committee is attached below:      * The Committee decided to send the amendment into WC for 30 days. |
| 3. | IS 15844 (Part 1): 2023  Sports footwear Part: 1 General Purpose (*first revision*) | * The Committee discussed all the comments that have been received on the standard through portal and Manak Manthan. * After detailed deliberation Committee disposed of all the comments. * The decision of the Committee is attached below:      * The Committee decided to send the amendment into WC for 30 days. |
| 4. | IS 15844 (Part 2): 2023  Sports Footwear Part: 2 Performance Sports Footwear | * The Committee discussed all the comments that have been received on the standard through portal and Manak Manthan. * After detailed deliberation Committee disposed of all the comments. * The decision of the Committee is attached below:      * The Committee decided to send the amendment into WC for 30 days. |
| 5. | IS 15844 (Part 3): 2024  Sports Footwear Part 3 Professional Sports Footwear | * The Committee discussed all the comments that have been received on the standard through portal and Manak Manthan. * After detailed deliberation Committee disposed of all the comments. * The decision of the Committee is attached below:      * The Committee decided to send the amendment into WC for 30 days. |
| 6. | IS 17043 (Part 2): 2024  Shoes: Shoes for General Purpose | * The Committee discussed all the comments that have been received on the standard through portal and Manak Manthan. * After detailed deliberation Committee disposed of all the comments. * The decision of the Committee is attached below:      * The Committee decided to send the amendment into WC for 30 days. |
| 7. | IS 3735: 1996 - Canvas Shoes, Rubber Sole - Amendment no. 5 | * The Committee already discussed the comments received on the amendment under item no. 8.1 of the minutes in the Manak Mantarana Comments. * The Committee disposed of the comment and decided to revise the standard to incorporate the changes. * The Committee decided to send the amendment into WC for 60 days. |
| 8. | IS 15298 (Part 2): 2024  Personal Protective Equipment Part 2 Safety Footwear (ISO 20345: 2021, MOD) (Third Revision) | * The Committee discussed all the comments that have been received on IS 15298 (Part 2024) standards. * After detailed deliberation Committee disposed of all the comments. * The decision of the Committee is attached below:      * The Committee requested Dr. R Mohan to provide the Table for specification for fastening devices like lace, velcro, eyelet, hooks, D Ring and other parts. * The Committee further decided to wait for the implementation of the standard. Once the standard is implemented, all comments, including those currently received, will be incorporated into the amendment. |
| 9 | IS 15298 Part 2: 2016  Personal Protective Equipment Part 2 Safety Footwear (Second Revision) | * The Committee discussed the comments received IS 15298 Part 2: 2016. The Committee after deliberation disposed of the comments and did not agree with the proposed change. |
| 10 | IS 3976: 2018 Safety Rubber Canvas Boots for Miners \_ Second Amendment | * The Committee deliberated on the comment received and did not agree to comment as the tittle of the standard has been already changed vide amendment no.1 to IS 3976: 2018. |
| 11 | IS 3976 Safety Boots for Miners  Type – 3 Hybrid Footwear | * The Committee deferred the discussion for comments received on IS 3976 Safety Boots for Miners Type – 3 Hybrid Footwear till the next Committee Meeting. |
| 12 | IS 15298 Part 2/3/4: 2024  Personal Protective Equipment | * The Committee discussed the comments received for identification of Rubber / polymer (for any type soling/other material) by FTIR regarding this test to be referred in safety shoe standard. In this regard, Committee had a detailed deliberation and after deliberation, the committee decided that there is no need to incorporate the method/ technique for identification of Rubber / polymer for soling/other material in the safety shoe standard. |
| 13 | IS 5557 (Part 1): 2024 All Rubber Gum Boots and Ankle Boots Part 1 Safety and Protective (Fifth Revision) | * The Committee deferred the discussion for comments received on IS 5557 (Part 1): 2024 till the next Committee Meeting. |
| 14 | For Kids size in different standard | * The Committee deferred the discussion for comments received on for Kids size in different standard till the next Committee Meeting. |
| 15 | IS 3976: 2018  Safety Rubber Canvas Boots for Miners | * The Committee discussed in detail regarding the comment on IS 3976 whether Foxing will be applicable to “Moulded Footwear” or not. * The Committee after deliberation decided that ‘there is no distinction based on the type of construction for the foxing thus, it is applicable across all the types of footwear’. |

**ITEM 10 INTERNATIONAL ACTIVITY**

The Committee deferred the discussion of Item no. 10 of the agenda for the next meeting.

**Item 11 PROGRAMME OF WORK (INCLUDING PERIODIC REVIEW OF INDIAN STANDARDS)**

The Committee deferred the discussion of Item no. 11 of the agenda for the next meeting.

**Item 12 ANNUAL CALENDAR OF TECHNICAL COMMITTEE MEETINGS**

The committee decided to conduct the next meeting of CHD 19 as decided per annual calendar which is as follows:

1. 44th Meeting 3rd week of April
2. 45th Meeting 3rd week of July
3. 46th Meeting 2nd week of December
4. 47th Meeting 1st week of March

**Item 13 ANY OTHER BUSINESS**

Nil

**Item 14 VOTE OF THANKS**

As there is no other item for discussion, the meeting was concluded at 18:50 hrs with hearty vote of thanks to the Chairperson, Head Chemical department and the members.