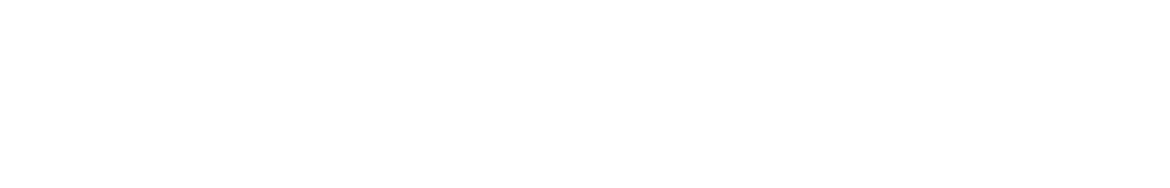
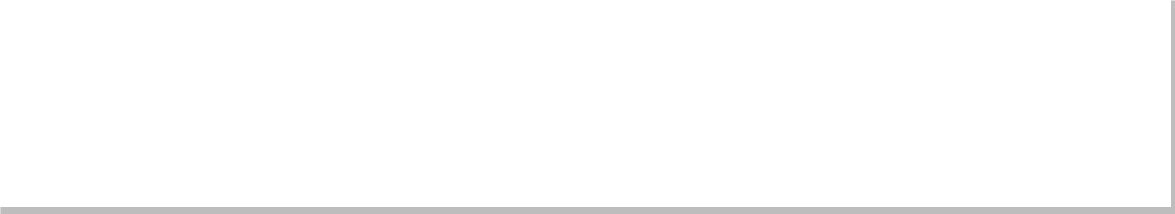
**FOR BIS USE ONLY**





**CHEMICAL DEPARTMENT FOOTWEAR SECTIONAL COMMITTEE CHD 19**

**AGENDA OF 45th MEETING**

Date/Day/Time: 03rd September 2024, Tuesday, 10:30 hours Venue: Virtual Meeting

Chairperson: Dr B N Das, in Personal Capacity Member Secretary: Ms. Preeti Prabha, Sc. C, CHD

**Meeting Details:**

1. **URL:** <https://bismanak.webex.com/bismanak/j.php?MTID=m4e885657faa89747a3265a2669b8dcbc>
2. **Meeting ID:** 2513 006 5352
3. **Password:** CHD19@123
4. **Meeting Timing:** 10:30 AM to 2:00 PM

**ITEM 0 WELCOME AND INTRODUCTORY REMARKS**

* 1. Welcome of Chairperson & Members by BIS
  2. Opening remarks of the Chairperson

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

* 1. The minutes of the last meeting of CHD 19, held on 10th May 2024, were circulated and no comments have been received.

The Committee may ***CONFIRM*** the minutes, as circulated.

**ITEM 2 COMPOSITION OF CHD 19**

* 1. The composition of CHD 19, CHD 19: P3, P4, P5, P6, P7, P8, and P9 along with the participation level of member organization in last three meetings of CHD 19 is given below**:**

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The Committee may **REVIEW**.

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

The decisions on summary of actions taken on the minutes of the, 41st 42nd and 43rd meeting is given below:

* 1. **Revision of Pre 2000 standards**

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| **Sl. no.** | **IS Title** | **Committee decision in last meeting** | **Action Taken** |
| 1. | IS 10089: 1981 | * The Committee allocated the work of revision to IFCOMA and IFCOMA is requested to provide the revised draft for WC within 1 month. | * During the 44th meeting, the Committee decided to defer the discussion of this agenda item until the next meeting. |
|  | Specification for metal lasts for knee boots |
| 2. | IS 10945: 1994 | * The Committee allocated the work of revision to IFCOMA and IFCOMA is requested to provide the revised draft   for WC within 1 month. |
|  | Specification for shanks for footwear |
| 3. | IS 11264: 1985 | * The committee requested Mr J.Basak and Mr S.S Lahiri to take up the revision of standard IS 11264 and requested BIS to provide the revisable copy to Mr J.Basak within 15 days. |
|  | Code of practice for manufacture of safety rubber canvas footwear for miners |
| 4. | IS 11544: 1986 | * The committee noted that the decision to revise the standard has been taken in Panel 3 and requested Dr Mohan, Mr Basak and Mr. Aditya Prakash Sharma to provide the working in 1   month time duration. |
|  | Specification for slipper rubber |
| 5. | IS 1638: 1969  Specification for sizes and fitting of footwear First Revision | * The CLRI submitted the report on the revision of Indian footwear sizing System. In this regard, CLRI may be requested to give a presentation on the report and way forward to convert the data collected by CLRI through survey to the revised Indian Standard/Indian Footwear sizing   System. |
| 6. | IS 1989: Part 1: 1986 |  |

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|  | Specification for leather safety  boots and shoes Part  1 for miners | | * The Committee requested secretariat to provide the revised draft to Shri J Basak for the revision of IS 1989 (Part 1) & 1989 (Part 2) * The committee requested Shri J. Basak to provide the revised draft in 2 month time duration. * The revised draft will be taken up in Panel 3 for discussion. |  |
| 7. | IS 1989: Part 2 : 1986  Specification for leather safety  boots and shoes Part 2 for heavy  metal industries  Fourth Revision | |
| 8. | IS 2051: 1976  Method for sampling of leather  footwear First Revision | | * The committee noted the status of the standard and requested Dr R Mohan to take up the revision of IS 2051:1976 in Panel 4 and provide working document to Secretariat within one   month time. |
| 9. | IS 4512: 1978  Specification footwear lasts wooden Revision | for First | * The Committee requested BIS Sect. to discuss inputs received with Shri Deepak Manchanda from Top Lasts. * The Committee requested Shri Deepak Manchanda to provide the working document for wide circulation to secretariat within 60 days. The revised draft will be sent into wide circulation for 60 days. |
| 10. | IS 5520: 1969  Specification for wooden lasts for heavy - Duty boots | |
|  |  | | * If comments are received on the revised draft, the same will be discussed in Panel 3. * If no comments are received, the document will be finalized & sent for   printing. |
| 11. | IS 6368 : 1971  Methods for sampling of rubber and rubber  combination footwear | | * Revision work will be taken up by Dr. R.Mohan and revised draft for WC will be provided within 1 month. * The revised draft will be circulated as WC draft for 2 months. |

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|  |  | * If comments are received on WC draft, they shall be discussed in Panel 3 committee meeting; otherwise draft   will be finalized and sent for printing |  |
| 12. | IS 6502 : 1971  Specification for - Size - Stick for footwear industry | * The Committee noted the status of the Standard and requested Panel 4 to take up the revision of IS 6502:1971and IS 6519:1971 provide the working document to Secretariat within 3 months’ time. |
| 13. | IS 6519 : 1971  Code of practice for selection care  and repair of safety footwear |
| 14. | IS 6719 :1972  Solid Pvc Soles And Heels | * The Committee decided that the draft provided by Panel 3 will be circulated as WC draft for 2months. * If comments are received on WC- draft, they will be discussed in Panel 3 or CHD 19 meeting; otherwise the document will be finalized and sent   for printing. |
| 15. | IS 7329 : 1974  Specification for metal lasts for safety rubber - Canvas ankle boots | * The Committee requested Shri Deepak Manchanda to provide the revised draft for wide circulation within 2 month time duration. |
| 16. | IS 8085: Part 1: 1986  Methods of test for footwear Part 1dimensions fitting adhesion test,peel test,heat resistance test and  ageing test First  Revision | * The Committee noted the status of the revision of the standard and requested Dr. Mohan to take up the revision the standard and provide the working draft in three month time duration. |
| 17. | IS 8606: 1977  Specification brass screw wire for footwear | * The Committee noted the status of the Standard and requested Panel 4 provide the working document to Secretariat. |
| 18. | IS 8751: Part 1: 1978 |  |

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|  | Footwear sizes in mondopoint  system Part 1 fundamental  characteristics | * The Committee noted the status of the Standard and requested Panel 4 to provide the working document to Secretariat in 60 days. * The committee requested Dr Mohan to make comparison study with ISO standard on the subject & provide the recommendation for the revision of IS 8751 (Part 1) & (Part 2) or adoption of   ISO standards. |  |
| 19. | IS 8751: Part 2: 1978  Footwear sizes in mondopoint  system Part 2 length grading |
| 20. | IS 2050:1991  Glossary of terms relating to Footwear | * The Committee requested Mr Basak to provide the working draft in three- month time duration. * The revised document will be circulated into WC for 2 months. If comments are received on WC, they will be discussed in Panel 3 or CHD 19 meeting; otherwise, the document will be processed for printing. * The Committee also requested Shri Prem Mehani to provide his inputs for the revision of the standard. |
| 21. | IS 3735:1996  Canvas shoes rubber sole | * The amendment no. 5 was sent into WC for comments. * The Comments received on the document were discussed during the 2nd meeting of Panel 6 on 05.02.2024. * The Committee after discussion finalized the revised amendment for printing. |
| 22. | IS 3736:1995  Canvas boots rubber soul-specification second revision | * The Committee noted the status of the Standard and requested Panel 4 provide the working document to Secretariat. |

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|  |  | * The working documents are yet to be received from Panel 4. |  |
| 23. | IS 5676:1995  Moulded solid rubber soles and heels- Specification second revision | * The Committee after detailed deliberation on the revised draft decided to modify the draft under Panel 3. * The revised draft will be sent into wide circulation for 60 days. * If comments are received on WC- draft, they will be discussed in Panel 3 or CHD 19 meeting; otherwise, the document will be finalized and sent for printing. |
| 24. | IS 6664:1992  Rubber microcellular sheets for soles and heels-Specification first revision | * The committee requested Dr. R Mohan to provide working document within two-month time duration. * The revised draft will be sent into wide circulation for 60 days. * If comments are received on WC- draft, they will be discussed in Panel 3 or CHD 19 meeting; otherwise, the document will be finalized and sent for printing |
| 25. | IS 12240(part 1):1988  Methods of test for polyvinyl chloride boots part 1  measurement of  thickness | * The Committee requested Shri Aditya Prakash Sharma, MSME-TDC Meerut to provide the working document for IS 12240 (Part 1) to (Part 9) in one week time. |

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| 26. | IS 12240(part 2):1988  Methods of test for polyvinyl chloride boots part 2  determination of durometer hardness  shore A |  |  |
| 27. | IS 12240: Part 3 :  1988 Methods of test for polyvinyl chloride boots Part 3 determination of  relative density |
| 28. | IS 12240 : Part 4 :  1988  Methods of test polyvinyl chloride for boots Part 4 determination of volatility |
| 29. | IS 12240 : Part 5 :  1988  Methods of test for polyvinyl chloride boots Part 5  determination of lead  content |
| 30. | IS 12240 : Part 6 :  1988  Methods of test for polyvinyl chloride boots Part 6  determination of  tensile strength and elongation at break |
| 31. | IS 12240 : Part 7 :  1988  Methods of test for polyvinyl chloride boots Part 7 flexing test - Resistance to |

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|  | cut growth for soling material |  |  |
| 32. | IS 12240 : Part 8 :  1988 Methods of test for polyvinyl chloride boots Part 8 resistance to flexing for polyvinyl chloride upper  material |
| 33. | IS 13295:1992  Code of practice for manufacture of safety leather boots and shoes for workers in the mines and heavy metal industries | * Revision work will be taken up by Dr. R.Mohan and Shri Aditya Prakash Sharma and revised draft for WC will be provided within 1 month. * The revised draft will be circulated as WC draft for 2 months. * If comments are received on WC draft, they shall be discussed in Panel 3 committee meeting; otherwise draft   will be finalized and sent for printing. |
| 34. | IS 13800 : 1993 Shoe  sizes - Method of marking | * The Committee requested Panel 4 to provide the working document to Secretariat within 2 months’ time. |
| 35. | IS 13995 : 1995  Unlined moulded  rubber boots - Specification | * Revision work will be taken up by Dr. R.Mohan and revised draft for WC will be provided within 1 month. * The revised draft will be circulated as WC draft for 2 months. * If comments are received on WC draft, they shall be discussed in Panel 3 committee meeting; otherwise draft   will be finalized and sent for printing |

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| 36. | IS 14544 : 1998  Leather safety foot wear with direct moulded polyvinyl chloride PVC sole -  Specification | * The Committee decided to discuss the revision of the standard in the next committee meeting. |  |
| 37. | IS 11226 : 1993  Leather  safety footwear  having direct moulded rubber sole specification (First  Revision) | * Revision work will be taken up by Mr. J.Basak and Shri S.S Lahiri and revised draft for WC will be provided within 1 month. |

* 1. **PERIODICAL REVIEW OF INDIAN STANDARDS 2023-2024**

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| **Sl**  **No.** | **IS no. and Title** | **Committee Decision** | **Action taken** |
| 1. | IS 15196: 2002  Plastic footwear lasts - Specification | Revision work will be taken up by IFCOMA and revised draft for WC will be provided within 1 month. | * During the 44th meeting, the Committee decided to defer the discussion of this agenda item until the next meeting. |
| 2. | IS 15251: 2002  Lasts for heavy  duty shoes - Specification | Reaffirm with Revision -Revision work will be taken up by IFCOMA and revised draft for WC will be provided within 1 month. |

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

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| **Sl No.** | **IS no. and Title** | **Committee Decision** | **Current Status** |
| 1. | CHD/19/20773  IS 6053 (Part 1): 1970  Hand tools for footwear industry Specification Part 1 Upper Clicking Knife | * The Committee Noted that no comments have been received on the wide circulation draft. * The Committee decided to finalise the WC draft and send it for printing. | * The standard has been printed. * The Committee may   **NOTE.** |
| 2. | CHD/19/20851  IS 6053 (Part 2) 1971 | * The Committee Noted that no comments have | * The standard has been printed. |

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|  | Hand tools for footwear industry Specification Part 2 Bottom cutting knife rampi | been received on the wide circulation draft.   * The Committee decided to finalise the WC draft and send it for printing. | * The Committee may   **NOTE.** |
| 3. | CHD 19 /24063  ISO 10734:2016  Methods of Test for Footwear Part 21 Strength of slide fastener pullers | * No comments were received on the wide circulation draft. * The Committee finalized the draft for printing. | * The standard has been printed. * The Committee may   **NOTE.** |
| 4. | CHD/19/24064 ISO 10750:2015  Methods of Test for Footwear Part 22 Attachment strength of end stops | * No comments were received on the wide circulation draft. * The Committee finalized the draft for printing. | * The standard has been printed. * The Committee may   **NOTE.** |
| 5. | CHD/19/24065 ISO 10751:2016  Methods of Test for Footwear Part 23 Resistance to Repeated Opening and Closing | * No comments were received on the wide circulation draft. * The Committee finalized the draft for printing. | * The standard has been printed. * The Committee may   **NOTE.** |
| 6. | CHD 19 /24197  ISO 10764: 2016  Methods of test for Footwear Part 24 Lateral Strength for slide fasteners | * No comments were received on the wide circulation draft. * The Committee finalized the draft for printing. | * The standard has been printed. * The Committee may   **NOTE.** |
| 7. | CHD 19 /24198  ISO 13287: 2019  Methods of Test for Footwear Part 25 Slip Resistance | * No comments were received on the wide circulation draft. * The Committee finalized the draft for printing. | * The standard has been printed. * The Committee may   **NOTE.** |
| 8. | CHD 19 /24199  ISO 17706: 2003  Methods of Test for Footwear Part 26 Tensile Strength and Elongation for Uppers | * No comments were received on the wide circulation draft. * The Committee finalized the draft for printing. | * The standard has been printed. * The Committee may   **NOTE.** |

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| 9. | CHD/19/24200 ISO 17707: 2005  Methods of Test for Footwear Part 27 Flex Resistance of outsoles | * No comments were received on the wide circulation draft. * The Committee finalized the draft for printing. | * The standard has been printed. * The Committee may   **NOTE.** |
| 10 | CHD 19 /24201  ISO 19958:2004  Methods of Test for Footwear Part 28 Top Piece Retention Strength Heels and Top Pieces | * No comments were received on the wide circulation draft. * The Committee finalized the draft for printing. | * The standard has been printed. * The Committee may   **NOTE.** |
| 11 | CHD/19/24332  Is 15844 : Part 2: 2023  Sports Footwear Part -2 Performance Sports Footwear Amendment - 1 | * The document was sent into Wide circulation for   30 days to seek comments on 06-12-  2023.   * The Comments received on WC draft were disposed off by the Committee. * The Committee finalized the draft for printing. | * The Amendment has been printed. * The Committee may   **NOTE.** |
| 12 | CHD/19/24266  IS 3735: 1996 Canvas  Shoes, Rubber Sole - Specification (Second Revision) Amendment - 5 | * The amendment no. 5 was sent into WC for comments. * The Comments received on the document were discussed during the 2nd meeting of Panel 6 on 05.02.2024. * The Committee after discussion finalized the revised amendment for printing. | * The Amendment has been printed. * The Committee may   **NOTE.** |
| 13 | CHD/19/19020  IS 15298 (Part 1) 2015  Personal protective Equipment Part 1 Test methods for footwear | * The document was sent into Wide circulation for 30 days to seek comments on 14-03-2024. | * The standard has been printed. * The Committee may   **NOTE.** |

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|  |  | * The Committee discussed the document. As no comments have been received on the WC document, the Committee finalized the document for printing. |  |
| 14 | CHD/19/19012  IS 15298 (Part 2): 2016  Personal protective Equipment Part 2 safety Footwear Third Revision | * The document was sent into Wide circulation for   30 days to seek comments on 14-03-  2024.   * The Comments received on WC draft were disposed of by the Committee. * The draft after   incorporating the changes suggested by committee was finalized for printing. | * The standard has been printed. * The Committee may   **NOTE.** |
| 15 | CHD/19/19015  IS 15298: Part 3: 2019  Personal Protective Equipment Part 3 Protective Footwear Third Revision | * The document was sent into Wide circulation for   30 days to seek comments on 14-03-  2024.   * The Comments received on WC draft were disposed of by the Committee. * The draft after   incorporating the changes suggested by committee was finalized for printing. | * The standard has been printed. * The Committee may   **NOTE.** |
| 16 | CHD/19/19016  IS 15298: Part 4: 2017  Personal Protective Equipment Part 4 Occupational Footwear (Third Revision) | * The document was sent into Wide circulation for   30 days to seek comments on 14-03-  2024.   * The Comments received on WC draft were | * The standard has been printed. * The Committee may   **NOTE.** |

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|  |  | disposed of by the Committee.   * The draft after   incorporating the changes suggested by committee was finalized for printing. |  |
| 17 | CHD/19/25077  IS 3976: 2018 Safety  Boots for miners - Specification ( Sixth Revision ) Amendment - 2 | * The Comments received on WC draft were disposed of by the Committee. * The draft after incorporating the changes suggested by committee was finalized for printing. | * The standard has been printed. * The Committee may   **NOTE.** |

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

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| Sl No. | **IS no. and Title** | **Committee Decision** | **Current Status** |
| 1. | CHD/19/25083 IS 17861: 2022  Textile Boots with Polymeric Sole Jungle Boots - Specification (*third revision*) Amendment - 1 | * The Committee noted the comment received on the standard and discussed draft amendment prepared by secretariat * After deliberation Committee suggested some changes and approved the document for wide circulation for a period of 1 month. | * The document was sent into wide circulation for 30 days to seek comments on 22-05- 2024. * No comments have been received on the wide circulation draft. * The Committee may **FINALIZE** the draft for printing. |
| 2. | CHD/19/25481 IS 12254: 2021  Polyvinylchloride PVC Industrial Boots  - Specification (*second revision*) | * The Committee noted the comment received on the standard and discussed draft amendment prepared by secretariat * After deliberation Committee suggested some changes and approved the document for wide circulation for a | * 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. * The Committee may **FINALIZE** the draft for printing. |

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|  |  | period for a period of 1 month. |  |
| 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 Committee discussed that ISO 22568-4:2019   has been revised and published as ISO 22568- 4:2021.   * The Committee after deliberation decided to revise the standard to adopt the latest published ISO 22568-4:2021. The   draft will be sent into wide circulation for period of 60 days.   * If comments are received on the draft, the same will be discussed in the meeting. * If no comments are received, the document will be finalized & sent for printing. | * The document was sent into wide circulation for 60 days to seek comments on 22-05- 2024. * No comments have been received on the wide circulation draft. * The Committee may **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 Committee discussed that ISO/TS 16181: 2011   has been revised and published as ISO 16181- 1:2021 and ISO 16181-  2:2021.   * The Committee after deliberation decided to revise the standard to adopt the latest published ISO 16181-1:2021 and   ISO 16181-2:2021. The  draft will be sent into wide circulation for period of 60 days.   * If comments are received on the draft, the same will | * The document was sent into wide circulation for 60 days to seek comments on 15-05- 2024. * No comments have been received on the wide circulation draft. * The Committee may **FINALIZE** the draft for printing. |

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|  |  | be discussed in the meeting.   * If no comments are received, the document will be finalized & sent 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 Committee discussed that ISO/TS 16181: 2011   has been revised and published as ISO 16181- 1:2021 and ISO 16181-  2:2021.   * The Committee after deliberation decided to revise the standard to adopt the latest published ISO 16181-1:2021 and   ISO 16181-2:2021. The  draft will be sent into wide circulation for period of 60 days.   * If comments are received on the draft, the same will be discussed in the meeting. * If no comments are received, the document will be finalized & sent for printing. | * The document was sent into wide circulation for 60 days to seek comments on 22-05- 2024. * No comments have been received on the wide circulation draft. * The Committee may **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 Committee noted the status and decided to send the working draft in wide circulation for 60 days under priority III. * If comments are received on the revised draft, the same will be discussed in Panel 4. | * The document was sent into wide circulation for 60 days to seek comments on 25-05- 2024. * No comments have been received on the wide circulation draft. * The Committee may   **FINALIZE** the draft for printing. |

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|  |  | * If no comments are received, the document will be finalized & sent   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 Committee noted the status and decided to send the working draft in wide circulation for 60 days under priority III. * If comments are received on the revised draft, the same will be discussed in Panel 4. * If no comments are received, the document will be finalized & sent for   printing. | * The document was sent into wide circulation for 60 days to seek comments on 02-05- 2024. * No comments have been received on the wide circulation draft. * The Committee may **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 Committee noted the status of the Standard and requested BIS sect to make editorial changes and send the document for wide circulation for 60 days. * If comments are received on WC-draft, they will be discussed in Panel 3 or CHD 19 meeting; otherwise, the document will be finalized and sent   for printing. | * The document was sent into wide circulation for 60 days to seek comments on 06-05- 2024. * No comments have been received on the wide circulation draft. * The Committee may **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 Committee decided to send the document into Wide circulation for 2 months. * If comments are received on WC-draft, they will be discussed in Panel 3 CHD 19 meeting, otherwise the document will be sent for printing. | * The document was sent into wide circulation for 60 days to seek comments on 01-05- 2024. * No comments have been received on the wide circulation draft. * The Committee may **FINALIZE** the draft for printing. |

**ITEM 6 DRAFT UNDER PREPARATION**

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| **Sl No.** | **IS no. and Title** | **Committee Decision** | **Current Status** |
| **1.** | IS 5557 (Part 2): 2018  All rubber gum boots and ankle boots: Part 2 occupational purposes | * The comments received on IS 5557(Part 2) were discussed during the meeting. * After detailed deliberation the Committee decided that Member Secretary will prepare the draft amendment of IS 5557 (Part 2): 2018 in consultation with Mr. J Basak. * The Committee further decided that the document prepared will be sent into WC for a period of 1 month. * If no comments are received on the WC draft, the document will be finalized for the printing. * If comments are received, the comments will be discussed in the Committee meeting. | * The draft amendment is under preparation. * The Committee may   **NOTE.** |

**ITEM 7 NEW SUBJECTS**

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| **Sl No.** | **New Work Item Proposal** | **Committee Decision** | **Current Status** |
| **1.** | CHD 19 /15632  School Shoes For Boys and Girls Specification | * The P Draft prepared by Dr.R Mohan for ‘School Shoes for Boys and Girls Specification’ is attached below: | * The Panel has been created for   formulation of standard on All Rubber Gum Boots and Ankle Boots for Children as IS 5557(Part 3).   * The draft for Wide Circulation is awaited from the panel. * The Committee may **DISCUSS**. |
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|  |  | * The following comments have been received from Shri J Basak on the P Draft prepared by Dr.R Mohan : |

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|  |  | * The P draft provided by Dr.R Mohan will be discussed in the Panel 8 which has been created for formulation of standard on ‘School Shoes for Boys and Girls - Specification’. The members of this Panel are:   1. Dr.R Mohan **( Convenor)**   2. Mr. J. Basak   3. Mr. Aditya Prakash Sharma   4. Mr. Shailendar Saxena   5. Mr. Saurabh Bairathi   6. Mr. Ashish Nigam   7. Mr. Harish Kumar   8. Mr V Abdul Razak   9. Mr Shikar Bhairathi   10 SGS India Private Limited, Gurugram   * The members of Panel are requested to kindly discuss the document and provide the draft for Wide Circulation in 2-month time duration. |  |
| 2. | All Rubber Gum Boots and Ankle Boots for Children as IS 5557(Part 3) | * The P Draft prepared by Dr. R Mohan for ‘All Rubber Gum Boots and Ankle Boots for Children as IS 5557(Part 3)’ is   attached below: | * The Panel has been created for   formulation of standard on All Rubber Gum Boots and Ankle Boots for Children as IS 5557(Part 3).   * The draft for Wide Circulation is awaited from the panel. * The Committee may **DISCUSS**. |
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|  |  | * The following comments have been received from Shri J Basak on the P Draft prepared by Dr.R Mohan : |  |

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|  |  | * The P draft provided by Dr.R Mohan will be discussed in the Panel 9 which has been created for formulation of standard on ‘All Rubber Gum Boots and Ankle Boots for Children as IS 5557(Part 3)’. The members of this Panel are:   1. Mr. J. Basak **(Convenor)**   2. Dr. R Mohan   3. Mr. Vipan Mehta   4. Mr. S.S Lahiri   5. FDDI, Noida   6. MSME, Meerut   7. BATA, Kolkata   8. SGS India Private Limited, Gurugram * The members of Panel are requested to kindly discuss the document and provide the draft for Wide Circulation in 2-month time duration. |  |
| 3. | Standards on therapeutic footwear | * Central Leather Research Institute (CLRI) has presented their latest research findings on therapeutic footwear to the Members and after deliberation committee decided the following on this subject:  1. The standard on this subject will be published in parts with a suitable General tittle. 2. A panel has been created for formulation of standard on this subject and the members of the Panel are:    1. Dr. R Mohan,CLRI **(Convener)**    2. Mr. Aditya Prakash Sharma, MSME (TDC)    3. Jaipur foot hospital | * No action has been initiated. * The Committee may **DISCUSS** |

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|  |  | 1. Artificial Limbs, Kanpur 2. Dr. Vijay Vishwanathan 3. Dr. Shuvendu Prosad Roy 4. Mr. Babu Maliyekkal,CIFI 5. Mr. H S Bahety,CIFI 6. Mr. Rishi Arora,CIFI 7. Dr. G. Saraswathy, Principal Scientist 8. Dr. D. Suresh Kumar, Senior Scientist 9. Dr. J. Maheshkumar, Scientist 10. A CME Meeting will be organized by Mr. Raj Kr. Gupta for Inputs on this subject. The Committee Members can also attend the meeting to get better understanding of this subject which will help in formulation of the standard. 11. Further, the Committee requested CLRI for sharing the data available with CLRI for therapeutic footwear. |  |
|  |  | * The letter has been sent to CRPF to provide the sample of the shoe to CLRI and FDDI for study and testing purpose. * The inputs from CRPF are still awaited. * However, Shri Prem Mehani informed the Committee that the sample has been sent to FDDI. * The Committee noted the status and also decided to follow up with CRPF, CLRI and FDDI. | * A mail has been |
|  |  | sent to CRPF and |
|  |  | FDDI to providing |
|  |  | the result of testing |
|  |  | of troops of valley, |
|  |  | so that same can be |
| 1. | Shoes for the troops of valley QAT (Quick Action Team) personnel | discussed in the CHD 19 meeting.   * The response received from CLRI   is attached below: |
|  |  |  |
|  |  | * The Committee |
|  |  | may **DISCUSS**. |

**ITEM 8 COMMENTS ON PUBLISHED STANDARDS**

* 1. The following comments have been received on published standard during Manak Mantrana:

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The Committee may **DELIBERATE.**

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

|  |  |  |
| --- | --- | --- |
| **Sl No.** | **IS no. and Title** | **Comments Received** |
| 1. | IS 6721: 2023  Sandal and Slippers - Specification (*first revision*) | The Committee may **DELIBERATE.** |
| 2. | IS 10702: 2023  Hawai Chappal-Specification | The Committee may **DELIBERATE.** |
| 3. | IS 15844 (Part 1): 2023  Sports footwear Part: 1 General Purpose (*first revision*) | The Committee may **DELIBERATE.** |
| 4. | IS 15844 (Part 2): 2023  Sports Footwear Part: 2 Performance Sports Footwear | The Committee may **DELIBERATE.** |
| 5. | IS 15844 (Part 3): 2024  Sports Footwear Part 3 Professional Sports Footwear | The Committee may **DELIBERATE.** |
| 6. | IS 17043 (Part 2): 2024  Shoes: Shoes for General Purpose | The Committee may **DELIBERATE.** |
| 7. | IS 3735: 1996 - Canvas Shoes, Rubber Sole - Amendment no. 5 | The Committee may **DELIBERATE.** |

|  |  |  |
| --- | --- | --- |
| 8. | IS 15298 (Part 2): 2024  Personal Protective Equipment Part 2 Safety Footwear (ISO 20345: 2021, MOD) (Third Revision) | The Committee may **DELIBERATE.** |

**ITEM 9 INTERNATIONAL ACTIVITY**

# Membership status of ISO/TC

CHD 19 is coordinating with the following ISO technical committees:

1. ISO/TC 216 Footwear – 'P' member
2. ISO/TC 94/SC3 Foot protection – 'P' member
3. ISO/TC 137 Sizing systems, designation and marking of boots and shoes – 'P' member

The programme of work and published standards of the ISO/TC's given at following Links:

ISO/TC 216 Footwear <https://www.iso.org/committee/54972/x/catalogue/p/1/u/0/w/0/d/0>

ISO/TC 94/SC3 Foot protection <https://www.iso.org/committee/50592/x/catalogue/p/1/u/0/w/0/d/0>

ISO/TC 137 Sizing systems, designation and marking of boots and shoes <https://www.iso.org/committee/52496/x/catalogue/p/1/u/0/w/0/d/0>

India is a signatory to WTO-TBT Agreement and has aligned its standards formulation procedures to the code of good practices for preparation, adoption and application of standards. One of the provisions of the code requires BIS to use international standards wherever they exist as a basis for standards being developed and wherever practicable to do so.

The Committee may **NOTE** the relevant international standards published and the subjects for information & effective utilization in harmonization.

# Registered Indian Experts

The following Indian experts are registered in the ISO committees:

|  |  |  |
| --- | --- | --- |
| **Sl.**  **No.** | **ISO Committee** | **Registered Indian Expert/Committee Member** |
| 1 | ISO/TC 216 Footwear | 1. Mr. Ajay K Lal 2. Ms. Preeti Prabha |

|  |  |  |
| --- | --- | --- |
| 2 | ISO/TC 216/WG 1 Minimum performance requirements and test methods for components for footwear | 1. Dr. B N Das 2. Mr. Aditya Prakash Sharma 3. Mr. Ajay K Lal 4. Ms. Preeti Prabha |
| 3 | ISO/TC 216/WG 2 Footwear and environmental aspects |
| 4 | ISO/TC 216/WG 3 Terminology |
| 5 | ISO/TC 216/WG 5 Footwear and microbiological aspects |
| 6 | ISO/TC 137 Footwear sizing designations and marking systems | 1. Mr. Ajay K Lal 2. Ms. Preeti Prabha |
| 7 | ISO/TC 137/WG 2 Size conversion | 1. Mr. J Basak 2. Dr. B N Das 3. Mr. S Lahiri 4. Dr. R. Mohan 5. Mr. Aditya Prakash Sharma 6. Mr. Deepak Manchanda 7. Ms. Preeti Prabha |
| 8 | ISO/TC 137/WG 3 Last and Shoes |
| 9 | ISO/TC 137/WG 4 Digital foot, last and footwear |
| 10 | ISO/TC 94/SC 3 Foot protection | 1. Mr. J Basak 2. Mr. Ajay K Lal 3. Ms. Preeti Prabha 4. Mr. Prem Mehani |
| 11 | ISO/TC 94/SC 3/WG 1 PPE footwear – Test methods | 1. Mr. J Basak 2. Dr. B N Das 3. Ms. Preeti Prabha 4. Mr. S Lahiri 5. Dr. R. Mohan 6. Mr. Prem Mehani 7. Mr. Aditya Prakash Sharma |
| 12 | ISO/TC 94/SC 3/WG 2 PPE footwear –  Requirements |
| 13 | ISO/TC 94/SC 3/WG 3 PPE footwear – Test methods for slip resistance |

The Committee may **NOTE.**

# Standards Adopted by BIS and are being considered by ISO for Revision

Following standard adopted by BIS have been revised by ISO :

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. No.** | **Standard** | **Revised Standard** | **Proposed Decision** |
|  | **IS 16991: 2018/ ISO 16186: 2012**  Footwear - Critical substances potentially present in footwear and footwear components - Test method to quantitatively determine dimethyl fumarate (DMFU) in footwear materials | ISO 16186:2021  Footwear—Critical substances potentially present in footwear and footwear components Determination of dimethyl fumarate (DMFU) | ISO 16186: 2012 has been revised and published as ISO 16186: 2021.  The Committee may deliberate for revision of this standard to adopt the latest published ISO 16186:2021.  The Committee may **DISCUSS.** |

# 9.4 Document Under Development at ISO

The documents given below are under development at ISO:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sl No.** | **ISO Committee** | **ISO No. and ISO Title** | **Stage** | **Draft** | **Priority**    **(High/Medium)** | **Designated Experts** |
|  | ISO/TC 94/SC 3 | ISO/DIS 17249  Safety footwear for users of handheld chain saws | **DIS**  (DIS ballot initiated: 12 weeks  40.20) |  | Medium | To be discussed in the meeting |
|  | ISO/TC 94/SC 3 | ISO 22568-1:2019/CD Amd 1  Foot and leg protectors — Requirements and test methods for footwear components — Part 1: Metallic toecaps — Amendment 1 | **DIS**  (CD approved for registration as DIS)  30.99 | — | Medium |
|  | ISO/TC 94/SC 3 | ISO 22568-2:2019/AWI Amd 1  Foot and leg protectors — Requirements and test methods for footwear component — Part 2: Non-metallic toecaps — Amendment 1 | **NWIP**  (New project approved  10.99) | — | Medium |
|  | ISO/TC 137 | ISO/AWI 25295  Footwear — Global last measurement systems | **NWIP**  (New project registered in TC/SC work programme  20.00) | — | Medium |
|  | ISO/TC 216 | ISO/DIS 16179  Footwear — Critical substances potentially present in footwear and footwear components — Determination of organotin compounds in footwear materials | **FDIS**  (Full report circulated: DIS approved for registration as FDIS  40.99) |  | — |
|  | ISO/TC 216 | ISO/DIS 16187  Footwear and footwear components — Test method to assess antibacterial activity | **FDIS**  (Full report circulated: DIS approved for registration as FDIS  40.99 |  | — |
|  | ISO/TC 216 | ISO/DIS 19952  Footwear — Vocabulary | close of voting of DIS ballots  40.60) |  | — |
|  | ISO/TC 216 | ISO/DTS 20358.2  Footwear — Performance requirements for components for footwear — Accessories | **FDIS**  (Proof sent to secretariat or FDIS ballot initiated: 8 weeks  50.20) |  | — |
|  | ISO/TC 216 | ISO/DIS 20537.2  Footwear — Identification of defects during visual inspection — Vocabulary | Full report circulated: DIS approved for registration as FDIS  40.99 |  | — |
|  | ISO/TC 216 | ISO/CD 20681  Footwear and footwear components — Test method to assess antimicrobial activity — Agar diffusion test | **DIS**  (Close of comment period of CD ballot  30.60) |  | Medium |
|  | ISO/TC 216 | ISO/DIS 20686  Footwear — Critical substances potentially present in footwear and footwear components — Determination of certain organic solvents | **FDIS**  (Full report circulated: DIS approved for registration as FDIS  40.99) |  | — |
|  | ISO/TC 216 | ISO/DTS 20939.2  Footwear — Performance requirements for components for footwear — Outsoles | **FDIS**    (Proof sent to secretariat or FDIS ballot initiated: 8 weeks  50.20) |  | — |
|  | ISO/TC 216 | ISO/DTS 20952.2  Footwear — Performance requirements for components for footwear — Uppers | **FDIS**  (Proof sent to secretariat or FDIS ballot initiated: 8 weeks  50.20) |  | — |
|  | ISO/TC 216 | ISO/DTS 20953.2  Footwear — Performance requirements for components for footwear — Lining and insocks | **FDIS**  (Proof sent to secretariat or FDIS ballot initiated: 8 weeks  50.20) |  | — |
|  | ISO/TC 216 | ISO/DTS 20955.2  Footwear — Performance requirements for components for footwear — Insoles | **FDIS**  (Proof sent to secretariat or FDIS ballot initiated: 8 weeks  50.20) |  | — |
|  | ISO/TC 216 | ISO/DTS 20961.2  Footwear — Performance requirements for components for footwear — Shanks | **FDIS**  (Proof sent to secretariat or FDIS ballot initiated: 8 weeks  50.20) |  | — |
|  | ISO/TC 216 | ISO/DTS 20995.2  Footwear — Performance requirements for components for footwear — Stiffeners and toe puffs | **FDIS**  (Proof sent to secretariat or FDIS ballot initiated: 8 weeks  50.20) |  | — |
|  | ISO/TC 216 | ISO/WD 23377  Footwear — Critical substances potentially present in footwear and footwear components — Test method to quantitatively determine certain bisphenols in footwear materials | Close of comment period  20.60 |  | High |
|  | ISO/TC 216 | ISO/DTS 23889  Footwear — Performance requirements for components for footwear — Heels and top pieces | **FDIS**  (Proof sent to secretariat or FDIS ballot initiated: 8 weeks  50.20) |  | — |
|  | ISO/TC 216 | ISO/AWI 25149  Footwear- Footwear and sole components shock absorption | **NWIP**  (New project registered in TC/SC work programme  20.00) | — | High |
|  | ISO/TC 216 | ISO/AWI 25150  Footwear- Determination of water resistance of casual footwear (dynamic test) | **NWIP**    (New project registered in TC/SC work programme  20.00) | — | High |
|  | ISO/TC 216 | ISO/AWI 25151  Footwear- Compression fatigue resistance of footwear and sole components | **NWIP**  (New project registered in TC/SC work programme  20.00) | — | Medium |
|  | ISO/TC 216 | ISO/AWI 25152  Footwear — Determination of longitudinal stiffness index of footwear and soles | **NWIP**  (New project registered in TC/SC work programme  20.00) | — | Medium |

The Committee may **DELIBERATE.**

* 1. India has, since the last meeting voted on the following international drafts/committee internal ballots/systematic review (list enclosed) of **ISO/TC 216, ISO/TC 94/SC 3 and ISO/TC 137:**

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The Committee may **NOTE.**

# Upcoming Meetings

Participation of India (BIS) in the meeting of ISO/TC 94/SC 3. As you are aware, India (BIS) is '**P (Participating)' Member** of ISO/TC 94/SC 3 ' Foot and leg protectors’ and it’s Working Groups. ISO Secretariat has announced the next Meeting of the ISO/TC 94/SC 3 to be held

# on 28th November 2024 at Bruxelles (Belgium).

**The Notice of meeting / Draft agenda for discussion is attached below:**

****

The Committee may **DISCUSS.**

# Debriefing Meeting

* + 1. ISO/TC 137

The meeting of ISO/TC 137 held from **06 – 07 June 2024** in Virtual Mode was attended by the registered experts Mr. Ajay K Lal and Ms. Preeti Prabha. The resolutions of the meeting are attached below:

****

The Committee may **NOTE.**

* + 1. ISO/TC 216/WG 2

The meeting of ISO/TC 216/WG 2 held from **09 – 11 July 2024** in Hybrid Mode was attended by the registered expert Mr. Ajay K Lal in virtual mode. The minutes of the meeting are attached below:



The Committee may **NOTE.**

# Item 10 PROGRAMME OF WORK

* 1. The present position of work programme under the Committee CHD 19 is provided below.



The Committee may **NOTE.**

**10.3** The Committee may also **DECIDE** on **future work plan** and **strategies** to be adopted say in the next 5 years aiming at contribution in related standardization activity both at national and international level (if available, ISO).

# Item 11 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

The Committee may **NOTE.**

**Item 12 ANY OTHER BUSINESS**

**Item 13 VOTE OF THANKS**