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**CHEMICAL DEPARTMENT**

**FOOTWEAR SECTIONAL COMMITTEE**

**CHD 19**

**AGENDA OF 46th MEETING**

Date/Day/Time: 23rd and 24th October 2024, Wednesday & Thursday, 10:30 hours

Venue: Virtual Meeting

Chairperson: Dr B N Das, in Personal Capacity

Member Secretary: Ms. Preeti Prabha, Sc. D, CHD

**Meeting Details:**

**1) URL:** <https://bismanak.webex.com/bismanak/j.php?MTID=m2458413977aa3ae60c6e102a38ff4c1a>

**2) Meeting ID:**  2518 937 2491

**3) Password:** CHD19@123

**4) Meeting Timing:** 10:30 AM to 4:30 PM

**ITEM 0 WELCOME AND INTRODUCTORY REMARKS**

**0.1** Welcome of Chairperson & Members by BIS

**0.2** Opening remarks of the Chairperson

**ITEM 1 CONFIRMATION OF THE MINUTES OF THE 45th MEETING**

**1.1** The minutes of the last meeting of CHD 19, held on 11th September 2024, were circulated and no comments have been received.

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

**ITEM 2 COMPOSITION OF CHD 19**

**2.1** The composition of CHD 19, CHD 19: P3, P4, P5, P6, P7, P8, and P9 along with the participation level of member organisation in last three meetings of CHD 19 is placed at **ANNEX I.**

**2.2 Co-option Request**

The following Co-option requests have been received:

|  |  |  |
| --- | --- | --- |
| **Sl. No.** | **Name of Organization/Member** | **CVs / Organization Letter received:** |
|  | Confederation of Indian Footwear Industries  1. Mr V Abdul Razak  2. Dr Saurabh Bairathi. | In CHD 19, two experts from CIFI are already member of the Committee. However, the request has been received from the organization to include the two more experts. The mail received from Organization is placed at **ANNEX II**.  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 43rdmeeting is given below:

**3.1 Revision of Pre 2000 standards**

Discussion on the below agenda item were deferred by the Committee during the 45th meeting of CHD 19 due to paucity of Time.

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl. no.** | **IS Title** | * **Committee decision in last meeting** | **Action Taken** |
|  | IS 10089: 1981  Specification for metal lasts for knee boots | * The Committee allocated the work of revision to IFCOMA and IFCOMA is requested to provide the revised draft for WC within 1 month. | * The Amendment proposed by Shri Deepak Manchanda for revision of this standard is placed at **Annex III**. * The Committee may **DISCUSS.** |
|  | IS 10945: 1994  Specification for shanks for footwear | * The Committee allocated the work of revision to IFCOMA and IFCOMA is requested to provide the revised draft for WC within 1 month. | * The draft is still awaited. * The Committee may **NOTE.** |
|  | IS 11264: 1985  Code of practice for manufacture of safety rubber canvas footwear for miners | * 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. | * The draft is still awaited. * The Committee may **NOTE.** |
|  | IS 11544: 1986  Specification for slipper rubber | * 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. | * Revised and publish as IS 6721:2023. * Since IS 6721:2023 has been published incorporating IS 11544:1986, IS 11544 may be withdrawn. * The Committee may **NOTE.** |
|  | 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. | * A mail has been sent to CLRI for presentation. * The Committee may **DISCUSS.** |
|  | IS 1989: Part 1: 1986  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. | * The draft is still awaited. * The Committee may **NOTE.** |
|  | IS 1989: Part 2 : 1986  Specification for leather safety  boots and shoes Part 2 for heavy  metal industries Fourth Revision | * The draft is still awaited. * The Committee may **NOTE.** |
|  | 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. | * The draft is still awaited. * The Committee may **NOTE.** |
|  | IS 4512: 1978  Specification for footwear lasts  wooden First Revision | * 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. * 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. | * The draft is still awaited. * The Committee may **NOTE.** |
|  | IS 5520: 1969  Specification for wooden lasts for  heavy - Duty boots | * The draft is still awaited. * The Committee may **NOTE.** |
|  | 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. * 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 | * The draft is still awaited. * The Committee may **NOTE.** |
|  | 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. | * The draft is still awaited. * The Committee may **NOTE.** |
|  | IS 6519: 1971  Code of practice for selection care  and repair of safety footwear |
|  | 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. | * Amendment no. 1 has been issued to the standard. * The Committee may **NOTE**. |
|  | 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. | * The Amendemt proposed by Shri Deepak Manchanda for revision of this standard is placed at **ANNEX IV**. * The Committee may **DISCUSS.** |
|  | 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. | * The draft is still awaited. * The Committee may **NOTE.** |
|  | 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. | * The draft is still awaited. * The Committee may **NOTE** |
|  | IS 8751: Part 1: 1978  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. | * The draft is still awaited. * The Committee may **NOTE.** |
|  | IS 8751: Part 2: 1978  Footwear sizes in mondopoint  system Part 2 length grading | * The draft is still awaited. * The Committee may **NOTE**. |
|  | 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. | * The draft is still awaited. * The Committee may **NOTE** |
|  | IS 3735:1996  Canvas shoes rubber sole | * The Committee in the last meeting discussed the comments received on amendment no. 5 of the standard. * The Committee after discussion decided to revise the standard to incorporate the changes. * The Committee decided to send the revised draft into WC for 60 days. | * The document is under preparation. * The committee may **NOTE**. |
|  | 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. * The working documents are yet to be received from Panel 4. | * The draft is still awaited. * The Committee may **NOTE.** |
|  | 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. | * Amendment no.1 has been published to IS 5676 in 2023. * The Committee may **NOTE**. |
|  | 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 | * Amendment no .1 has been published so no work is pending. * The Committee may **NOTE.** |
|  | 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. | * For revision of IS 12240 Part 1 to Part 8, Shri Aditya Sharma proposed different ISO standards that may be adopted. * The ISO standard proposed for adoption are mentioned in **ANNEX V**. * The Committee may **DISCUSS** |
|  | IS 12240(part 2):1988  Methods of test for polyvinyl chloride boots part 2 determination of durometer hardness shore A |
|  | IS 12240 : Part 3 : 1988 Methods of test for polyvinyl chloride boots Part 3 determination of relative density |
|  | IS 12240 : Part 4 : 1988  Methods of test polyvinyl chloride for boots Part 4 determination of volatility |
|  | IS 12240 : Part 5 : 1988  Methods of test for polyvinyl chloride boots Part 5 determination of lead content |
|  | IS 12240 : Part 6 : 1988  Methods of test for polyvinyl chloride boots Part 6 determination of tensile strength and elongation at break |
|  | IS 12240 : Part 7 : 1988  Methods of test for polyvinyl chloride boots Part 7 flexing test - Resistance to cut growth for soling material |
|  | IS 12240: Part 8: 1988 Methods of test for polyvinyl chloride boots Part 8 resistance to flexing for polyvinyl chloride upper material |
|  | 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. | * The draft is still awaited. * The Committee may **NOTE.** |
|  | IS 13800 : 1993 Shoe sizes - Method of marking | * The Committee requested Panel 4 to provide the working document to Secretariat within 2 months’ time. | * The draft is still awaited. * The Committee may **NOTE.** |
|  | 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 | * The draft is still awaited. * The Committee may **NOTE.** |
|  | 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. | * The Committee may **DISCUSS.** |
|  | 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. | * The draft is still awaited. * The Committee may **NOTE.** |

**3.2** **PERIODICAL REVIEW OF INDIAN STANDARDS 2023-2024**

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| --- | --- | --- | --- |
| **Sl No.** | **IS no. and Title** | **Committee Decision** | **Current Status** |
| 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. | * The draft is still awaited. * The Committee may **NOTE** |
| 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. | * The draft is still awaited.   The Committee may **NOTE** |

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

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

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

|  |  |  |  |
| --- | --- | --- | --- |
| **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 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: | * No Action Required. * The Committee may **NOTE.** |
| 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** | **Current Status** |
|  | 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**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl No.** | **New Work Item Proposal** | **Committee Decision** | **Current Status** |
| **1.** | School Shoes For Boys and Girls Specification | * The P Draft prepared by Dr.R Mohan for ‘School Shoes for Boys and Girls Specification’ is placed at **ANNEX VI**. * The comments received from Shri J Basak on the P Draft prepared by Dr.R Mohan is placed at **ANNEX VII**. * 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. | * The Panel 8 has been created on the portal for formulation of standard on School Shoes for Boys and Girls Specification. * The draft for Wide circulation is awaited from the panel. * The suggestions given by Shri. Vipan Mehta is placed at **ANNEX VIII**. * The Committee may **DISCUSS**. |
| 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 placed at **ANNEX IX**. * The comments received from Shri J Basak on the P Draft prepared by Dr. R Mohan is placed at **ANNEX X**. * 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. | * The Panel 9 has been created on the portal for   formulation of standard on All Rubber Gum Boots and Ankle Boots for Children as IS 5557(Part 3).   * The suggestions given by Shri. Vipan Mehta is placed at **ANNEX XI.** * The draft for Wide Circulation is awaited from the panel. * The Committee may **DISCUSS**. |
| 3. | Standards on therapeutic footwear | * The Committee discussed the NWIP ‘Standards on therapeutic footwear’ in the last meeting. * 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. D. Suresh Kumar to be member of that panel under which this standard will be formulated. * Dr. D Suresh Kumar may be replaced with Dr G Saraswathy as she is working in this area as informed by Chairperson. | * No Action required. * The Committee may **NOTE.** |
| 4. | Shoes for the troops of valley QAT (Quick Action Team) personnel | * 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 discussed in the CHD 19 meeting. * The response received from CLRI is placed at **ANNEX XII**. * The Committee   may **DISCUSS**. |

**The following New Work Item proposals have been received:**

|  |  |  |  |
| --- | --- | --- | --- |
| **S No.** | **New Subject** | **Proposed by** | **Details Provided by proposer** |
| 1 | Product standard on Di Electric Boots | Shri. J Basak | * The details provided by proposer is placed at **ANNEX XIII**. * The Committee may **DISCUSS**. |
| 2. | Draft QR/TDs of Non-Skid Tactical /Combat/Advance high Ankle Boot | NSG | * The details provided by proposer is placed at **ANNEX XIV**. * The Committee may **DISCUSS**. |
| 3. | Protective Footwear for Motorcycle Riders | SGS, Chennai | * The details provided by proposer is placed at **ANNEX XV**. * The Committee may **DISCUSS**. |
| 4. | IS 3976 Safety Boots for Miners Type – 3 Hybrid Footwear | Shri. J Basak | * The details provided by proposer is placed at **ANNEX XVI**. * The Committee may **DISCUSS**. |

**ITEM 8 COMMENTS ON PUBLISHED STANDARDS**

The comments received on different published Indian Standards are as follows:

|  |  |  |
| --- | --- | --- |
| **Sl No.** | **IS no. and Title** | **Comments Received** |
|  | IS 5557 (Part 1): 2024 All Rubber Gum Boots and Ankle Boots Part 1 Safety and Protective (Fifth Revision) | * The Comments received on IS 5557 (Part 1): 2024 is placed at **ANNEX XVII**. * The Committee may **DELIBERATE.** |
|  | Definition of Footwear Categories, Specifically Sports Shoes and Safety Footwear | The following comments have been received from the Committee members:  Comment:  It has been observed that some manufacturers, are producing safety shoes under the license of IS:15844 (pertaining to sports shoes), are incorrectly classifying these safety shoes with toe caps as sports shoes. This practice is not only misleading to consumers but is also creating confusion in the marketplace. Sports shoes and safety shoes serve very distinct purposes, and conflating the two can have significant implications for consumer safety and industry standards.  Suggestions:  To clarify and standardize the definitions and classification or categorization of different types of footwear, particularly Sports Shoes and Safety Footwear covered under QCO.  The copy of mail received from the members is placed at **ANNEX XVIII**.  The Committee may **DELIBERATE.** |
|  | IS 15844 (Part 3): 2024  Sports Footwear Part 3 Professional Sports Footwear | * The Comments received on IS 15844 (Part 3): 2024 is placed at **ANNEX XIX**. * The Committee may **DELIBERATE.** |
|  | IS 17043 (Part 2): 2024  Shoes: Shoes for General Purpose | * The Comments received on IS 15844 (Part 3): 2024 is placed at **ANNEX XX**. * The Committee may **DELIBERATE.** |

**ITEM 9 INTERNATIONAL ACTIVITY**

**9.1** **Membership status of ISO/TC**

CHD 19 is coordinating with the following ISO technical committees:

i. ISO/TC 216 Footwear – 'P' member

ii. ISO/TC 94/SC3 Foot protection – 'P' member

iii. 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.

**9.2 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, HCHD 2. Ms. Preeti Prabha, Scientist-C & Member Secretary CHD 19 |
| 2 | ISO/TC 216/WG 1 Minimum performance requirements and test methods for components for footwear | 1. Dr. B N Das,Chairperson CHD 19 2. Mr. Aditya Prakash Sharma, Member CHD 19 3. Mr. J Basak, Member CHD 19 4. Dr. R. Mohan, Member CHD 19 5. Mr. S.S Lahiri, Member CHD 19 6. Mr. Ajay K Lal, HCHD 7. Ms. Preeti Prabha, Scientist-C & Member Secretary CHD 19 |
| 3 | ISO/TC 216/WG 2 Chemical test methods for footwear and footwear components |
| 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, HCHD 2. Ms. Preeti Prabha, Scientist-C & Member Secretary CHD 19 |
| 7 | ISO/TC 94/SC 3 Foot protection | 1. Mr. J Basak, Member CHD 19 2. Mr. Prem Mehani, Member CHD 19 3. Mr. Ajay K Lal, HCHD 4. Ms. Preeti Prabha, Scientist-C & Member Secretary CHD 19 |
| 8 | ISO/TC 94/SC 3/WG 1 PPE footwear – Test methods | 1. Dr. B N Das,Chairperson CHD 19 2. Mr. J Basak, Member CHD 19 3. Mr. S.S Lahiri, Member CHD 19 4. Dr. R. Mohan, Member CHD 19 5. Mr. Prem Mehani, Member CHD 19 6. Mr. Aditya Prakash Sharma, Member CHD 19 7. Ms. Preeti Prabha, Scientist-C & Member Secretary CHD 19 |
| 9 | ISO/TC 94/SC 3/WG 2 PPE footwear – Requirements |

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/DIS Amd 1  Foot and leg protectors — Requirements and test methods for footwear components — Part 1: Metallic toecaps — Amendment 1 | **DIS**  (DIS registered  40) | — | 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 | **DIS**  (CD approved for registration as DIS  30.99 | — | 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 | **FDIS**  (FDIS registered for formal approval  50.00) |  | — |
|  | ISO/TC 216 | ISO/DIS 20537.2  Footwear — Identification of defects during visual inspection — Vocabulary | **FDIS**  (FDIS registered for formal approval  50.00) |  | — |
|  | 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/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 of WD  20.60 |  | High |
|  | 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 of **ISO/TC 216, ISO/TC 94/SC 3 and ISO/TC 137, the list is placed at ANNEX XXI**.

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).

* 1. **The Notice of meeting / Draft agenda for discussion is placed at ANNEX XXII**.

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 placed at **ANNEX XXIII**.

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 is placed at **ANNEX XXIV**.

The Committee may **NOTE.**

**Item 10 PROGRAMME OF WORK (INCLUDING PERIODIC REVIEW OF INDIAN STANDARDS)**

**11.1** The present position of work programme under the Committee CHD 19 is placed at **ANNEX XXV**.

The Committee may **NOTE.**

**11.3** 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 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. 46th Meeting 2nd week of December
2. 47th Meeting 1st week of March

The Committee may **NOTE.**

**Item 13 ANY OTHER BUSINESS**

**Item 14 VOTE OF THANKS**