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**CHEMICAL DEPARTMENT**

**FOOTWEAR SECTIONAL COMMITTEE**

**CHD 19**

**MINUTES OF 43rd MEETING**

Date/Day/Time: 13th February 2024, Tuesday, 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

|  |  |
| --- | --- |
|  | Dr. Bhabendra Das, (Chairperson) |
|  | Mr. J Basak,Atharva Lab |
|  | Mr. Aditya Prakash Sharma, MSME Meerut |
|  | Mr. Hitesh Kakkar,BATA |
|  | Mr. Govindaraju, BATA |
|  | Dr. R. Mohan, CSIR-CLRI Chennai |
|  | Dr. Mahesh Kumar. J, CSIR-CLRI Chennai |
|  | Mr. Sanjeev Kumar Singh,CRPF |
|  | Mr. V Noushad, CIFI Delhi |
|  | Mr. A. Fayaz Ahmad, CLE |
|  | Mr. Saifullah Ansari,DGMS |
|  | Mr. Shailendar Saxena, FDDI |
|  | Mr. S.K Verma, IFCOMA |
|  | Mr. J.P Chugh, LUB |
|  | Mr. Amit Sancheti, LUB |
|  | Mr.Vipan Mehta,MB Rubber |
|  | Mr. P. Venkatesan, SGS |
|  | Mr. K Pachaiyappan, SGS |
|  | Mr. Deepak Manchanda,Top Lasts |
|  | Mr. Manoj Kumar, Xo Footwear |
|  | Mr. Saurav Gupta,Lancer Footwear |
|  | Mr. Bhanu Pratap Sahini |
|  | Mr.James Mathew |

# BIS Officials

1. Shri Rajeev Sharma, Sc. G and DDG (Standardization)
2. Shri Ajay Kumar Lal, Sc-F and Head(CHD)
3. Ms. Preeti Prabha, Sc-C

# 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 43rd 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, Chairman of CHD 19, welcomed all the members present in the meeting and thanked them for joining over video conferencing.

# ITEM 1 CONFIRMATION OF THE MINUTES OF THE 42nd MEETING

**1.1** No comments were received on Minutes of 42nd meeting of CHD 19. In view of non-receipt of comments, the Committee confirmed the minutes of the 42nd meeting of CHD 19 as circulated.

**ITEM 2 COMPOSITION OF CHD 19**

**2.1** The committee reviewed the composition of CHD 19 on the basis of attendance in last two consecutive meetings and contribution of members via comments, drafts etc.: The Committee after deliberation decided to withdraw the following organizations due to non-participation in last two meetings:

a) SLEEN India

b) DGQA,Kanpur

**2.2 COMPOSITION OF CHD 19**

The Committee discussed the co-option requests received and decided the following:

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| **Sl. No.** | **Name** | **CVs received:** | **Committee Decision** |
|  | Mr. Rakesh Kumar |  | Committee decide to co-opt Mr. Rakesh Kumar in Panel 3 of CHD 19. |
|  | Mr. Vijaya Kumar V |  | Committee decided to reject the co-option request as SGS is already a member in the Committee . |
|  | Mr. Ts Elango |  | Committee decided to reject the co-option request as the committee preferred to co-opt organizations in the committee |
|  | Mr. Murali K,CFTI |  | Committee decided to co– opt CFTI in CHD 19 Committee. |

**ITEM 3 PROCESS REFORMS AT BIS**

The BIS Secretariat apprised the Committee members of the recent office order outlining reforms in the standardization process. The BIS Secretariat also shared information about a new initiative by BIS, emphasizing a research and development (R&D) approach for every standard undergoing revision and for new subjects. This initiative aims to enhance the quality and relevance of standards through a more dynamic and informed process.

The Committee noted and appreciated the process reforms initiated by BIS in the standardization process.

**ITEM 4 ACTIONS ARISING OUT OF THE MINUTES OF PREVIOUS MEETING**

The decisions on summary of actions taken on the minutes of the 39th , 40th, 41st and 42nd meeting are given below:

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| **Sl. no.** | **IS Title** | **Committee decision** |
| 1 | IS 10089 : 1981  Specification for metal lasts for knee boots | The Committee noted the status of the document and requested IFCOMA to provide the revised draft for WC within 1 month. |
| 2 | IS 10945: 1994  Specification for shanks for footwear | The Committee noted the status of the document and requested IFCOMA to provide the revised draft for WC within 1 month. |
| 3 | IS 11264: 1985  Code of practice for manufacture of safety rubber canvas footwear for miners | The Committee noted the status of the document and requested Mr J.Basak and Mr S.S Lahiri to provide the revised draft for WC within 1 month. |
| 4 | IS 11544: 1986  Specification for slipper rubber | The Committee noted the status of the standard and requested BIS secretariat to check the concurrent running period of IS 11544:1986 and IS 6721:2023.  The Committee deferred the decision of Withdrawing IS 11544:1986 till next meeting. |
| 5 | IS 1638: 1969  Specification for sizes and fitting of footwear First Revision | The Committee requested CLRI 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 in next Committee meeting. |
| 6 | IS 1989: Part 1: 1986  Specification for leather safety  boots and shoes Part 1 for miners | The committee noted the status of the document and 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 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 30 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. |
| 10 | IS 5520 : 1969  Specification for wooden lasts for  heavy - Duty boots |
| 11 | IS 6053 : Part 2 : 1971  Specification for hand tools for  footwear industry Part 2 bottom  cutting knife Rampi | The standard has been sent for printing. |
| 12 | IS 6053 : Part 3 : 1971  Handtools for footwear industry  Part 3 Designers knife | The standard has been sent for printing. |
| 13 | IS 6053 : Part 4 :1972  Specification for hand tools for  footwear industry Part 4 half round  knife | 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. |
| 14 | IS 6053 : Part 5:1972  Specification for hand tools for  footwear industry Part 5 straight  hacking knife |
| 15 | IS 6368 : 1971  Methods for sampling of rubber  and rubber combination footwear | The Committee Noted the status of the item |
| 16 | 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 1 month time. |
| 17 | IS 6519 : 1971  Code of practice for selection care  and repair of safety footwear |
| 18 | IS 6719 :1972  Solid Pvc Soles And Heels | Committee noted the status of the document that amendment no .1 has been published so no work is pending. |
| 19 | 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. |
| 20 | IS 8060 : 1976  Specification for heel - Tip and toe  - Tip with nails for footwear | 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. |
| 21 | 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 provide the working draft in one month time duration |
| 22. | 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 in one month to Secretariat. |
| 23 | 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 30 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 |
| 24 | IS 8751 : Part 2: 1978  Footwear sizes in mondopoint  system Part 2 length grading |
| 25 | IS 6053 : Part 1 : 1970  Specification for hand tools for  footwear industry Part 1 upper | The standard has been sent for printing. |
| 26 | IS 2050:1991  Glossary of terms relating to Footwear | The Committee requested Mr Basak to provide the working draft in two 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. |
| 27 | 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 revised amendment is attached below:    The Committee after discussion finalized the revised amendment for printing. |
| 28 | 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. |
| 29 | IS 5676:1995  Moulded solid rubber soles and heels-Specification second revision | * The Committee decided that the draft provided by Shri J. Basak will be circulated as P draft for 21 days. * If comments are received on the P-drafts, they will be discussed in Panel 3 or CHD 19 meeting; otherwise the documents will be circulated into WC for 1 month. |
| 30 | IS 6664:1992  Rubber microcellular sheets for soles and heels-Specification first revision | Committee noted the status of the document that amendment no .1 has been published so no work is pending. |
| 31 | 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 1 month. |
| 32 | IS 12240(part 2):1988  Methods of test for polyvinyl chloride boots part 2 determination of durometer hardness shore A |
| 33 | IS 12240 : Part 3 : 1988 Methods of test for polyvinyl chloride boots Part 3 determination of relative density |
| 34 | IS 12240 : Part 4 : 1988  Methods of test polyvinyl chloride for boots Part 4 determination of volatility |
| 35 | IS 12240 : Part 5 : 1988  Methods of test for polyvinyl chloride boots Part 5 determination of lead content |
| 36 | IS 12240 : Part 6 : 1988  Methods of test for polyvinyl chloride boots Part 6 determination of tensile strength and elongation at break |
| 37 | IS 12240 : Part 7 : 1988  Methods of test for polyvinyl chloride boots Part 7 flexing test - Resistance to cut growth for soling material |
| 38 | IS 12240 : Part 8 : 1988 Methods of test for polyvinyl chloride boots Part 8 resistance to flexing for polyvinyl chloride upper material |
| 39 | IS 13295:1992  Code of practice for manufacture of safety leather boots and shoes for workers in the mines and heavy metal industries | Committee requested Shri Prem Mehani to provide the revised draft.  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. |
| 40 | IS 13800 : 1993 Shoe sizes - Method of marking | The Committee requested Panel 4 to provide the working document to Secretariat within 2 month time. |
| 41 | IS 13995 : 1995 Unlined moulded rubber boots - Specification | The Committee requested Shri J. Basak to make a comparison study of IS 13995 & IS 5557 (Part 2) and then accordingly make modifications in the IS 13995 & provide the revised draft in 2 month time duration. |
| 42 | 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. |

**4.2 Work Report of Panel 3**

The Committee noted the work report of Panel 3 (Panel for revision of IS 10702:2023 and IS 6721:2023)

**4.3 Work Report of Panel 5**

The Committee noted the work report of Panel 5 (Panel for revision of IS 15844:2010)

**4.4 Work Report of Panel 6**

The Committee noted the work report of Panel 6 (Panel for formulation of standard on Firefighter boots, revision of IS 5557, IS 3735 and IS 3736 Panel)

**4.3 Work Report of Panel 7**

The Committee noted the work report of Panel 7 (Panel for Formal Shoes)

**ITEM 5 DRAFT STANDARD/AMENDMENTS SENT FOR PRINTING**

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| **Sl No.** | **IS no. and Title** | **Current Status** |
|  | CHD/19/20865  IS 6053 (Part 3) 1971  Hand tools for footwear industry Specification Part 3 designers Knife | The draft is under printing. |
|  | CHD/19/20773  IS 6053 (Part 1): 1970  Hand tools for footwear industry Specification Part 1 Upper Clicking Knife | The draft is under printing. |
|  | CHD/19/20851  IS 6053 (Part 2) 1971  Hand tools for footwear industry Specification Part 2 Bottom cutting knife (Rampi) | The draft is under printing. |
|  | CHD/19/23941/ISO 11999-6:2016  PPE for firefighters Test methods and requirements for PPE used by firefighters who are at risk of exposure to high levels of heat andor flame while fighting fires occurring in structures Part 6: Footwear | The draft is under printing. |
|  | CHD/19/23944/ISO 16073-6:2021  Wildland firefighting personal protective equipment Requirements and test methods Part 6: Footwear | The draft is under printing. |
|  | [CHD/19/23278](https://www.services.bis.gov.in/php/BIS_2.0/StandardsFormulationV2/Upload3.php?ID=OThyTFJYWVZDSmVTVFZ0RlA1NEgzQT09)  IS 15844 Part 3  Sports Footwear Part 3 Professional Sports Footwear | The draft is under printing. |

**ITEM 6 DRAFT STANDARD/AMENDMENTS UNDER WIDE CIRCULATION/ COMPLETED WC**

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| Sl No. | **IS no. and Title** | **Committee Decision** |
|  | CHD/19/19020  IS 15298 (Part 1) 2015  Personal protective Equipment Part 1 Test methods for footwear | The Committee after deliberate discussion decided to send the draft along with the amendment no. 1 to IS 20344:2021 into 2nd Wide circulation for 30 days.  If comments are received on the revised draft, the same will be discussed in CHD 19.  If no comments are received, the document will be finalized & sent for printing. |
|  | CHD/19/19012  IS 15298 (Part 2): 2016  Personal protective Equipment Part 2 safety Footwear Third Revision | The Committee after deliberate discussion decided to send the draft along with the amendment no. 1 to IS 20345:2021 into 2nd Wide circulation for 30 days.  If comments are received on the revised draft, the same will be discussed in CHD 19.  If no comments are received, the document will be finalized & sent for printing. |
|  | CHD/19/19015  IS 15298 : Part 3: 2019  Personal Protective Equipment Part 3 Protective Footwear Third Revision | The Committee after deliberate discussion decided to send the draft along with the amendment no. 1 to IS 20346:2021 into 2nd Wide circulation for 30 days.  If comments are received on the revised draft, the same will be discussed in CHD 19.  If no comments are received, the document will be finalized & sent for printing. |
|  | CHD/19/19016  IS 15298 : part 4: 2017  Personal Protective Equipment Part 4 Occupational Footwear (Third Revision) | The Committee after deliberate discussion decided to send the draft along with the amendment no. 1 to IS 20347:2021 into 2nd Wide circulation for 30 days.  If comments are received on the revised draft, the same will be discussed in CHD 19.  If no comments are received, the document will be finalized & sent for printing. |
|  | CHD 19 /24063  ISO 10734:2016  Methods of Test for Footwear Part 21 Strength of slide fastener pullers | The Committee discussed the document. As no comments have been received on the WC document, the committee finalized the document for printing. |
|  | CHD/19/24064  ISO 10750:2015  Methods of Test for Footwear Part 22 Attachment strength of end stops | The Committee discussed the document. As no comments have been received on the WC document, the committee finalized the document for printing. |
|  | CHD/19/24065  ISO 10751:2016  Methods of Test for Footwear Part 23 Resistance To Repeated Opening and Closing | The Committee discussed the document. As no comments have been received on the WC document, the committee finalized the document for printing. |
|  | CHD 19 /24197  ISO 10764: 2016  Methods of test for Footwear Part 24 Lateral Strength for slide fasteners | The Committee discussed the document. As no comments have been received on the WC document, the committee finalized the document for printing. |
|  | CHD 19 /24198  ISO 13287: 2019  Methods of Test for Footwear Part 25 Slip Resistance | The Committee discussed the document. As no comments have been received on the WC document, the committee finalized the document for printing. |
|  | CHD 19 /24199  ISO 17706: 2003  Methods of Test for Footwear Part 26 Tensile Strength and Elongation for Uppers | The Committee discussed the document. As no comments have been received on the WC document, the committee finalized the document for printing. |
|  | CHD/19/24200  ISO 17707: 2005  Methods of Test for Footwear Part 27 Flex Resistance of outsoles | The Committee discussed the document. As no comments have been received on the WC document, the committee finalized the document for printing. |
|  | CHD 19 /24201  ISO 19958:2004  Methods of Test for Footwear Part 28 Top Piece Retention Strength Heels and Top Pieces | The Committee discussed the document. As no comments have been received on the WC document, the committee finalized the document for printing. |
|  | CHD 19 /19676  IS 5557: 2004  All Rubber Gum Boots and Ankle Boots Part 1 Safety and Protective Fifth revision | The Committee discussed the document. As no comments have been received on the WC document, the committee finalized the document for printing. |
|  | CHD/19/24266  IS 3735: 1996  Canvas Shoes, Rubber Sole Amendment - 5 | The Committee discussed the document. As no comments have been received on the WC document, the committee finalized the document for printing. |
|  | CHD 19 /15632  School Shoes For Boys And Girls Specification | The committee discussed the standard on School Shoes for Boys and Girls- Specification and after deliberation, the Committee decided to formulate new standard on this subject.  However, the CIFI members were of different view and was of opinion that separate standard for School Shoes for Boys and Girls and school shoes can be incorporated in IS 15844(Part 1),IS 3735,IS 17043(Part 2).  The WC draft for the same will be provided by the panel 8 which will be consisting:   1. Mr. J. Basak 2. Dr.R Mohan 3. Mr. Aditya Prakash Sharma 4. Mr. Shailendar Saxena 5. Two Members from CIFI(Name of Experts to be provided by Shri VKC Noushad)   The Committee agreed to drop the document no CHD/19/15632 and decided to take a new document no., once the panel provides the new document for School shoes for Boys and Girls. |
|  | CHD 19 /24332  IS 15844 : Part 2: 2023  Sports Footwear Part -2 Performance Sports Footwear Amendment - 1 | The documents was sent into Wide circulation for 30 days to seek comments on 06-12-2023.  The Comments received on WC draft was disposed off by the committee.  The amendment after incorporating the changes suggested by committee was finalized for printing.  The finalized amendment is attached below: |

**ITEM 7 DRAFT UNDER PREPARATION**

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| **Sl No.** | **IS no. and Title** | **Committee Decision** |
| **1.** | ISO 20866 : 2001(E)  Footwear – Test methods for insoles – Delamination resistance | * 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 meeting, otherwise the document will be sent for printing. |

**ITEM 8 NEW SUBJECTS**

**New Work items received during 2022-2023:**

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| **Sl No.** | **New Work Item Proposal** | **Committee Decision** |
|  | All Rubber Gum Boots and Ankle Boots for Children as IS 5557(Part 3) | The Committee requested Dr. R. Mohan to provide the working document with in period of 1 month and the document will be sent into WC draft as IS 5557(Part 3) with approval of CHD 19 Committee. |
|  | Textile and Rubber School Shoes | The Committee decided not to formulate standard on this subject as the product is already covered already in existing standards. Hence, New subject Item on ‘Textile and Rubber School Shoes’ may be dropped from the agenda. |
|  | Sneaker Shoe | The Committee decided not to formulate standard on this subject as the product is already covered already in existing standards. Hence, New subject Item on ‘Sneaker Shoes may be dropped from the agenda. |
|  | Sandal for Children | The Committee decided not to formulate standard on this subject as the product is already covered already in existing standards. Hence, New subject Item on ‘Sandal for Children’ may be dropped from the agenda. |
|  | Standards on therapeutic footwear | The Committee recommended that the BIS Secretariat write a letter to CLRI requesting technical input/data for therapeutic footwear. Upon receiving the data/input, a task group will be formed to formulate the standard. |
|  | Shoes for the troops of valley QAT (Quick Action Team) personnel | The Committee had a detailed deliberation on the NWIP and after deliberation committee was of opinion that the product and its specifications/end use is required to formulate standard on the subject item.  Hence, the Committee requested CRPF to provide the sample of the shoe to CLRI and FDDI for study and testing purpose. This study will aid in categorizing the shoe within existing standards or, if necessary, formulating a new standard This will help in determination of parameters required in the standard. |
|  | Sports, safety and kids footwear | The Committee kept the discussion in abeyance till next meeting. |

**ITEM 9 COMMENTS ON PUBLISHED STANDARDS**

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| **Sl No.** | **IS no. and Title** | **Committee Decision** |
| 1. | IS 17861 | The Committee noted the comment received on the standard and after deliberation decided to send the draft amendment into wide circulation for one month.  If comments are received on the revised draft, the same will be discussed in Panel 6.  If no comments are received, the document will be finalized & sent for printing.  The draft amendment no.1 prepared based on the comments received is attached below: |
| 2. | IS12254 | The Committee noted the comment received on the standard and after deliberation requested member secretariat to prepare the draft amendment and send the same into wide circulation for one month. |
| 3. | IS 3976 | The Committee noted the comment received on the standard and after deliberation decided to send the draft amendment prepared by BIS secretariat into wide circulation for one month.  If comments are received on the revised draft, the same will be discussed in Panel 6.  If no comments are received, the document will be finalized & sent for printing.  The draft amendment no.2 prepared based on the comments received is attached below: |
| 4. | IS 5557(Part 2) | The committee noted the comment received on IS 5557 (Part 2) and after deliberation requested Mr. Basak to provide the draft amendment to IS 5557 (Part 2). |

**ITEM 10 INTERNATIONAL ACTIVITY**

**10.1** **Membership status of ISO/TC**

The Committee noted the item no. 10.1 of agenda.

**10.2 Registered Indian Experts**

The Committee discussed the Registered Indian Experts for different ISO Committes i.e. ISO/TC 216 and its working groups, ISO/TC 137and its working groups, ISO/TC 94/SC 3 and its working groups.

**10.3 New Work Item Proposal from ISO**

The Committee noted the new work Item proposal that has been received from ISO.

**10.4** The Committee discussed the votes that has been casted by India on the international drafts/committee internal ballots/systematic review (list enclosed) of **ISO/TC 216, ISO/TC 94/SC 3 and ISO/TC 137**

**10.7 Upcoming Meetings**

The Committee noted the item no. 10.7 of agenda and requested BIS secretariat to conduct the briefing meeting for Indian delegation participating in the ISO/TC 216 and WGs meeting.

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

**11.1** The Committee reviewed the present position of work programme under the CHD 19 Committee.

**11.2 Standards Due For Review under 5 Year Criteria**

The Committee reviewed the standards due for review and any other standard felt necessary so as to ascertain the need for revision/updation/withdrawal/ declaring obsolescence of these standards in light of emerging technologies, experience in use, feedback received, etc and decided the following:

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| **Sl. no.** | **Indian Standard** | **Title** | **Committee Decision** |
|  | [IS 7554: 2009](https://www.services.bis.gov.in/php/BIS_2.0/bisconnect/knowyourstandards/Indian_standards/isdetails_mnd/14525) | Toe puff and counter stiffener - Specification (First Revision) | Reaffirm |

**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**

**Item 14 VOTE OF THANKS**

As there is no other item for discussion, the meeting was concluded at 13:30 hrs with hearty vote of thanks to the Chairperson, Head Chemical department and the members.