



## भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

**BUREAU OF INDIAN STANDARDS**

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

मानक भवन, 9, बहादुर शाह ज़फर मार्ग, नई दिल्ली - 110002

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### कार्यसूची

हमारा संदर्भ : सीईडी 22:3/ए-2.15

21 जून 2023

विषय : अग्निशमन इकाइयाँ उपसमिति, सीईडी 22:3 की पंद्रहवीं बैठक की कार्यसूची  
सीईडी 22:3, के सभी सदस्य

प्रिय महोदय/महोदया,

हमारे समसंख्यक पत्र दिनांक 14 जून 2023 द्वारा भेजी गई बैठक की सूचना के संदर्भ में अग्निशमन इकाइयाँ उपसमिति, सीईडी 22:3 की पंद्रहवीं बैठक की कार्यसूची की एक प्रति आपको भेज रहे हैं। बैठक निम्नानुसार आयोजित होगी:

समिति	दिन	तिथि	समय	स्थान
अग्निशमन इकाइयाँ उपसमिति, सीईडी 22:3	बुधवार	28 जून 2023	1430 बजे	हाइब्रिड बैठक (वेबएक्स के माध्यम से अथवा बीआईएस मुख्यालय, नई दिल्ली)

सामान्यतः अधिकृत मुख्य सदस्य, वैकल्पिक सदस्य, एवं पेशेवर युवा ही बैठक में आते हैं। यदि उनका अन्य कोई प्रतिनिधि बैठक में आ रहा है तो कृपया इसकी पूर्व सूचना भेज दें। यदि बैठक में चर्चा के लिए आपका कोई प्रस्ताव हो तो कृपया अधोहस्ताक्षरी को उपरोक्त पते पर भेज दें।

हम आशा करते हैं कि आप बैठक में उपस्थित होंगे और इसकी पुष्टि अभी तक नहीं की है तो कृपया ई-मेल से भेज दें।

धन्यवाद।

भवदीय,

हं.

(राजेश चौधरी)

सहायक निदेशक/ वैज्ञानिक 'बी'  
(सिविल अभियांत्रिकी विभाग)

ईमेल: [ced22@bis.gov.in](mailto:ced22@bis.gov.in)

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संलग्न : उपरलिखित



**भारतीय मानक ब्यूरो**  
(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)  
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## AGENDA

**Our Ref : CED 22:3/A-2.15**

**21 June 2023**

**Subject : Agenda for the Twenty-seventh Meeting of Fire Fighting Equipment including Water Fittings Subcommittee, CED 22:2**

### **ALL MEMBERS OF CED 22:3**

Dear Members,

In continuation to our Meeting Notice of even number dated 14 June 2023, please find enclosed herewith a copy of the Agenda of the 15<sup>th</sup> meeting of Fire Fighting Units Subcommittee, CED 22:3. The schedule of the meeting is as given below:

Committee	Day	Date	Time	Place
Fire Fighting Units Subcommittee, CED 22:2	Wednesday	20 July 2023	1430 h	Hybrid meeting (Online through WebEx or Physically at BIS HQ, New Delhi)

Normally, only the nominated Principal member, Alternate member, and Young Professional attend the meeting. In case their representative(s) are being deputed in their absence, it would be highly appreciated if you can give us prior intimation. Proposals if any for items to be included for discussions or comments may please be sent to the undersigned at the above address.

We hope, you would kindly make it convenient to attend this meeting and a line in confirmation, if not already done so, by e-mail would be highly appreciated.

Thanking you,

Yours faithfully,

Sd/-

**(Rajesh Choudhary)**  
**Assistant Director/ Scientist 'B'**  
**Civil Engineering Department**  
**Email: [ced22@bis.gov.in](mailto:ced22@bis.gov.in)**  
**Ph: 011-23608590, extn 8590**

**Encl: As Above**

## **BUREAU OF INDIAN STANDARDS**

### **AGENDA**

**21 June 2023**

**Fire Fighting Units Subcommittee, CED 22:3 : 15<sup>th</sup> Meeting**  
**Wednesday, 28<sup>th</sup> June 2023 : 1430 h**

Hybrid Meeting (Virtually through WebEx or Physically at BIS HQ, New Delhi)

- 1) URL: [Click here](#)
- 2) Meeting ID: 2516 325 5723
- 3) Password: CED22:3\_15

**Convener:** Shri S K Dheri

**Member Secretary:** Rajesh Choudhary

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#### **Item 0 OPENING REMARKS BY THE CONVENER**

#### **Item 1 CONFIRMATION OF THE MINUTES OF THE LAST MEETING**

**1.1** The Minutes of the last meeting of Fire Fighting Units Subcommittee, CED 22:3 held on 14 and 15 July 2016 in joint session with Fire Fighting Sectional Committee, CED 22, were circulated vide our letter CED 22/A-2.23 dated 5 December 2016. No comments were received.

The Subcommittee may **CONFIRM**.

#### **Item 2 COMPOSITION OF THE SUBCOMMITTEE**

**2.1** The composition of the Subcommittee as last reviewed by the main Committee, CED 22 in its 26<sup>th</sup> April 2023 meeting is enclosed at **Annex 1**.

The Subcommittee may **NOTE**.

**2.2** Since the last meeting of the Subcommittee, no co-option requests have been received.

The Subcommittee may **NOTE**.

**2.3** The extracts from the guidelines of participation of members in the Technical Committee work of are as follows:

All organizations represented in a technical work of BIS shall be conscious of the national role they play in the preparation of standards. They shall nominate the best available expertise for this work and ensure that their nominees are provided all necessary resources for their effective and active participation in the technical work of BIS, are fully briefed, and utilize all opportunities to express their organization's viewpoints in the BIS fora. For continuity of participation, it shall be

ensured that representatives once nominated are continued as long as possible and changes where inevitable are proceeded smoothly and communicated to Member Secretary/BIS without delay. Organizations are also suggested to encourage the participation of young professionals and to ensure gender balance while nominating representatives. The committee members are strongly encouraged to attend the training programmes for technical committee members organized by BIS so that they have a clear understanding of the processes and procedures and are able to effectively participate and contribute to committee work.

Where an organization that has been offered representation in a BIS technical committee feels that it has limited interest in the scope of activity of the committee it shall communicate so to the Member Secretary of the Committee/BIS before accepting the representation.

Organizations participating in the technical work of the BIS may also consider initiating wherever possible, formal standardization activity within the organization that would, amongst other things, aid participation and act as permanent liaison with BIS on all standardization matters and shall coordinate adoption and implementation of national standards.

Organizations representing the interests of a group/association/federation may ensure that all constituent members (whose interest is being represented) are consulted and kept informed of the committee work.

All expenses related to the nominees for participating in this activity are to be borne by the participating organizations.

Authorities nominating representatives as members of technical committee of the BIS, should nominate two representatives one to be known as the 'Principal member' and the other as the 'Alternate member', subject to the following:

- a) Generally, one representative shall attend the meeting but if the organization so desires both the principal and alternate may attend the meeting.
- b) Only the principal representative shall have the right to vote on any issue, if required.
- c) In the absence of the principal representative, the alternate representative may exercise the right to vote.
- d) All documents concerned with the work of the technical committee shall be sent to both the representatives.
- e) Organizations may, if they so choose, nominate experts by designation instead of by name.
- f) In exceptional circumstances where a case is made out on the basis of regional representation or representation of special interests/expertise within any organization, more than one alternative may be accepted.

However, organizations are allowed to nominate a young professional as the second alternate.

- g) Only the designated principal/alternate members can attend sectional committee meetings. In case of their absence, their representatives can attend the meetings. However, BIS should be given prior intimation in such cases. In any case, no more than two representatives from one organization can attend the committee meetings (except when the third participant from the organization is a 'Young Professional').

Comments on documents at any stage, as well as on published Indian Standards, though are welcome at all times, members are requested to send them well in advance for inclusion in the agenda in order to consider them in the meeting. Comments received very late or brought along for tabling during the meeting will be liable not to be considered as other members have not had the opportunity to deliberate these within their organization to form their viewpoint and may not be able to put forth their views at a short notice.

In case there is continual failure to contribute either through correspondence or by attending meetings for three consecutive technical committee meetings by a member, the membership of such organizations may be recommended for withdrawal.

The Subcommittee may **NOTE**.

#### **2.4 Balance in Composition, Effective Nominations, and Involvement of New Talent and Young Professionals**

As per the BIS guidelines, Sectional Committees should represent all interest groups such as organized consumers/users, industry, technologists, and regulatory bodies/NGOs, etc. However, consumer interests shall predominate as far as possible. Where non-industry interests are less than 2/3, it may be reviewed. Stakeholders such as manufacturers/ service providers as well as consumer activists should as far as possible, represent industries association and organizations and not individual companies. Also, it may be desirable to induct and involve new people in the work of Sectional Committees with an aim to infuse fresh ideas and it is suggested that member organizations may like to keep this aspect in view while nominating their representations in the technical committees.

Also, the Sectional Committees are requested to IDENTIFY and INVOLVE talent available in the country related to their respective subjects to involve them in the proceedings of the Committees.

Towards encouraging the participation of young professionals representing the member organizations on the respective Committees, it was decided by BIS that an additional member up to the age of 37 years may also be nominated by each organization. Accordingly, the nominations are forthcoming.

The Committee may **NOTE**.

## 2.5 Gender Balance in Committees

BIS aims to work towards gender balance at all levels (including leadership positions) in all Committees in line with the UN Sustainable Development Goal 5 and UN Declaration on Gender Responsive Standards. Organizations are encouraged to nominate woman representatives as Principal/Alternate Members. The provision of a second alternate member is also available to organizations subject to the condition that the additional alternate member is a young professional below 37 years of age or a woman representative.

The Committee may **NOTE**.

## Item 3 ISSUES ARISING OUT OF PREVIOUS MEETING

### 3.1 Draft Indian Standard on Functional Requirements for Water Tender — Type B For Fire Brigade Use, CED 22 (16322)P

**3.1.1** The above draft Indian Standard was issued as Preliminary draft via email dated 28 September 2020 till 19 October 2020 to elicit public comments. The main Committee had discussed the comments received on P-draft and had decided to include an Annex C on Performance Test for Pumps. However, the inputs are awaited for Annex C. The draft Indian Standard is given under **Annex 2** of this Agenda.

The Subcommittee may **CONSIDER**.

## Item 4 COMMENTS ON THE PRINTED STANDARDS

### 4.1 IS 951 : 2003 Functional requirements for crash fire tender for air fields (*Fourth Revision*)

**4.1.1** Shri Ashok Kumar, General Manager (Tech.), Airport Authority of India has indicated the following:

The Indian Standard (IS 951 :2003) is required to be updated to bring it in-line with the latest developments (technological advancement) at the international level based on the following standards:

- a) Doc 9137- AN/898 of International Civil Aviation Organization for Rescue and Fire Fighting
- b) NFPA 414 Standard of National Fire Protection Association for Aircraft Rescue and Fire Fighting vehicles
- c) Advisory circular No.: 150/5220-10E of Federal Aviation Administration Specification for Aircraft Rescue and Fire Fighting (ARFF) Vehicles

Accordingly, a draft Technical Specification adopted by AAI in-line with the latest developments at international level is enclosed herewith.

The detailed draft specifications are given at **Annex 3**.

The Subcommittee may **CONSIDER**.

## Item 5 PROGRAMME OF WORK

**5.1** The present position of work programme under the Committee CED 22 is given under **Annex 4**. The standards which come under the purview of this Subcommittee are given under **Annex 5**.

The Subcommittee may **NOTE**.

**5.2** The standard highlighted in **Annex 5** are due for periodic review before March 2024 in line with the BIS Rules, i.e., published standards are to be reviewed at least once every five years with a view to reaffirm, revise, amend, declare obsolescence, or withdraw the same. The Subcommittee may take the highlighted standards on priority for review.

The Subcommittee may **CONSIDER**.

### 5.3 Comprehensive Exercise of Review of Old Indian Standards

**5.3.1** The BIS management has directed to completely revise the standards which were published before 2000 and which were published in A5 size. The list of such standards under CED 22:3 is given at **Annex 5**. There are 19 standards which were published before 2000 and there are 18 Standards which were published in A5 size.

The Subcommittee may **CONSIDER** and **ASSIGN**.

### 5.4 Action Research Project

**5.4.1** The management of the BIS has issued a directive stating that any revision or reaffirmation of standards must be preceded by an Action Research Project (ARP). This signifies the importance placed on thorough research and analysis before making any modifications to existing standards. The ARP report, which serves as a foundation for decision-making, will be meticulously prepared through various processes. These processes include conducting a comprehensive market survey to gain valuable insights into current industry practices, conducting a detailed review of international standards to ensure alignment with global best practices, and seeking consultation from manufacturers and other relevant stakeholders. By adhering to these rigorous procedures, the BIS aims to ensure that any changes made to standards are well-informed, practical, and beneficial for all stakeholders.

The Subcommittee may **CONSIDER**.

### 5.5 Archiving the Indian Standards

**5.5.1** The BIS is currently undertaking efforts towards the development of an archiving platform. This platform will be utilized to archive standards that do not require revision, based on a conscious decision-making process. The information regarding the archived standards will be provided on the BIS website.

The Subcommittee may **CONSIDER**.

**Item 6 LIST OF ISO STANDARDS**

**6.1** India is an Observer 'O' member in ISO Technical Committee ISO/TC 21 'Equipment for fire protection and fire fighting' and its subcommittees namely,

- 1) ISO/TC 21/SC 2 'Manual transportable fire extinguishers'
- 2) ISO/TC 21/SC 3 'Fire detection and alarm systems'
- 3) ISO/TC 21/SC 5 'Fixed firefighting system using water'
- 4) ISO/TC 21/SC 6 'Foam and powder media and fire fighting system using foam and powder'
- 5) ISO/TC 21/SC 8 'Gaseous media and firefighting systems using gas'
- 6) ISO/TC 21/SC 11 Smoke and heat control systems and components.

In the recent meeting of CED 22, the Committee had decided to opt for 'P' membership for ISO/TC 21.

The Subcommittee may **NOTE**.

**6.2** A list of the standards that have been developed by the ISO/TC 21 is given in **Annex 6**.

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 Subcommittee may **NOTE**.

**Item 7 e-SALE OF INDIAN STANDARDS**

**7.1** All the published Indian Standards are available at <https://standardsbis.bsbedge.com/>. All the indigenous Indian Standards can be downloaded for free.

The Subcommittee may **NOTE**.

**Item 8 ANY OTHER BUSINESS**

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