

BUREAU OF INDIAN STANDARDS

MEDICAL EQUIPMENT AND HOSPITAL PLANNING DEPARTMENT (MHD)

RESOLUTIONS OF SECTIONAL COMMITTEE MEETING

Sectional Committee	Meeting No:	Date
Anaesthetic, Resuscitation and Allied Equipment Sectional Committee (MHD 11)	21 st	30 th July 2024
Chairperson Dr. Goverdhan Dutt Puri, Executive Director, AIIMS Jodhpur	Member Secretary Mr. Satyam Rathore, Scientist-B, MHD, BIS, New Delhi	

Resolution 1 (Item 1)

- The committee formally confirmed the minutes of previous meeting.

Resolution 2 (Item 3.1)

- The committee finalized the following draft standards given in the item 3.1 of the Agenda:

Sl. No.	Document No.	Title
1.	MHD/11/25362	Medical electrical equipment Part 2-90: Particular requirements for basic safety and essential performance of respiratory high-flow therapy equipment
2.	MHD/11/25363	Medical electrical equipment Part 2-72: Particular requirements for basic safety and essential performance of home healthcare environment ventilators for ventilator-dependent patients
3.	MHD/11/25364	Medical electrical equipment Part 2-74: Particular requirements for basic safety and essential performance of respiratory humidifying equipment

Resolution 3 (Item 3.1)

The committee allotted the following WC documents to the specific committee members for their comments:

S.No.	Document No.	Title	Designated Members
1.	MHD/11/2538 3	Breathing system filters for anaesthetic and respiratory use Part 2: Non-filtration aspects	<ul style="list-style-type: none">• Dr. Manish Gupta• Dr. Bhuwan Chand Panday

2.	MHD/11/2538 1	Breathing system filters for anaesthetic and respiratory use Part 1: Salt test method to assess filtration performance	<ul style="list-style-type: none"> • Prof. Pradeep Bhatia • Dr. Bharat Paliwal
3.	MHD/11/2537 1	Anaesthetic and respiratory equipment User-applied labels for syringes containing drugs used during anaesthesia Colours design and performance	<ul style="list-style-type: none"> • Prof. LN Yaddanapudi • Prof. Sandhya Yaddanapudi • Dr. Aakriti Gupta
4.	MHD/11/2537 4	Anaesthetic and respiratory equipment Heat and moisture exchangers HMEs for humidifying respired gases in humans Part 2: HMEs for use with tracheostomized patients having minimum tidal volumes of 250 ml	<ul style="list-style-type: none"> • Dr. Goverdhan Dutt Puri,
5.	MHD/11/2537 3	Anaesthetic and respiratory equipment Heat and moisture exchangers HMEs for humidifying respired gases in humans Part 1: HMEs for use with minimum tidal volumes of 250 ml	<ul style="list-style-type: none"> • Dr. Goverdhan Dutt Puri,
6.	MHD/11/2537 2	Medical electrical equipment Part 2-55: Particular requirements for the basic safety and essential performance of respiratory gas monitors	Nil
7.	MHD/11/2537 5	Anaesthetic and respiratory equipment General requirements for airways and related equipment	Nil

Resolution 3 (Item 5)

1. Preliminary drafts of “Medical Grade Copper Tubes” and “Hospital Bed Head Panel and OT Pendants” to be circulated through portal for a period of thirty days.
2. The committee identified Dr. Rakesh Garg as an expert for the standard formulation of “Respiratory NIV Mask with Tube Inclusion Port”.

Resolution 5 (Item 9.3.2)

- The following Organizations / Members proposed their nomination of experts in the following WGs:

S.No.	Working Group Title/Name	Identified Expert Name and Organization
1	ISO/TC 121/SC 3/JWG 10 Joint ISO/TC 121/SC 3-IEC/SC 62D WG: Oximeters	Dr. Bhuwan Chand Panday, Sir Ganga Ram Hospital, New Delhi
2	ISO/TC 121/SC 1/JWG 1 Joint ISO/TC 121/SC 1-IEC/SC 62D WG: Anaesthesia workstations	
3	ISO/TC 121/SC 2/WG 16 General requirements for airway devices and related equipment	Dr. Bharat Paliwal, All India Institute of Medical Science, Jodhpur
4	ISO/TC 121/SC 4/WG 2 High frequency and jet ventilation	Dr. Rakesh Garg Indian Society of Anaesthesiologists, Kolkata

Along with these experts the expert nominated from Bureau of Indian Standards is:

S.No.	Working Group Title/Name	Identified Expert Name
1	ISO/TC 121/SC 6/WG 8 Pressure regulators.	Mr. Satyam Rathore, Scientist – B, BIS
2	ISO/TC 121/SC6/WG 4 Medical gas pipeline systems	
3	ISO/TC 121/SC 2/WG 14 Heat and moisture control	

Resolution 6 (Item 9.5)

The committee approved the following Indian delegation for ISO/TC 121/SC6 and WGs meetings, are scheduled to be held from 18-22 November 2024, in Wien (Austria):

S. No.	Member Name	Designation	Organization	Details of the meetings to be attended (on which date the meeting is to be attended)
1	Dr. Goverdhan Dutt Puri	Executive Director	AIIMS, Jodhpur	ISO/TC 121/SC6 and WGs meetings, scheduled to be held from 18-22 November 2024
2	Mr. Satyam Rathore	Scientist-B and Member Secretary of MHD 11	BIS	ISO/TC 121/SC6 and WGs meetings, scheduled to be held from 18-22 November 2024

Resolution 7 (Item 11)

- The committee decided to initiate revision of the following standards and wide circulate the document for 60 days:

S.No.	Designation	Title
1	IS 5622: 1970	Soda-Lime Canisters for Use with Gas Anaesthetic Apparatus (Waters' to-and-Fro)
2	IS 6194: 1971	Specification for intermittent positive pressure respirator, bag type, manually operated
3	IS 7652: 1988	Specification for sphygmomanometer, aneroid type (First Revision)

Resolution 8 (Item 14):

Consultation with the expert to be done before withdrawal of the standard

Resolution 9 (Item 14):

The committee taken up the following subject for the standard formulation as per the priority list of setting Indian Standards for medical devices shared by DOP:

1. Impulse Oscillometry

The committee suggested “Polysomnography” doesn’t come under scope of the MHD 11.