

**Resolutions of Ninth Meeting of Panel for Air Conditioning, Heating and
Mechanical Ventilation, CED 46:P14**

held in hybrid mode on 05 November 2024

Resolution No.	Resolution/Decision
1	The Panel reviewed the current composition, and based on the suggestion, Shri K. D Singh from AIRCON Engineers (P) Ltd., New Delhi to be co-opted on the core committee of Refrigeration and Air-Conditioning (RAC).
2	<p>In the presence of the Panel members and working group members, following points were decided to be integrated or modified in the draft before circulating the preliminary draft:</p> <ol style="list-style-type: none"> 1) Addition of pictorial representation or graphic images in the draft to be done by the Working Group Chairs/Co-Chairs. 2) To rename Clause 8.1 'Chilled Beams' to 'Thermal Beams'. 3) Chairs/Co-Chairs to inform to BIS regarding reference credit for the tables and figures added from other sources in this section of Air Conditioning, Heating and Mechanical Ventilation. 4) Respective Chairs/Co-Chairs to co-ordinate with/examine the Preliminary draft of Part 12 'Asset and Facility Management' regarding Building Management System (BMS). 5) Respective Chairs/Co-Chairs to co-ordinate with/examine the Preliminary draft of Part 8 / Section 1 'Lighting and Ventilation' regarding Mixed Mode Ventilation. 6) Respective Chairs/Co-Chairs to co-ordinate with/examine Part 6 Section 1 'Loads, Forces and Effects' regarding water tightness of building. 7) To make the provision for CFD analysis mandatory for multiple basements, particularly for the case of fire in basements, in which the boundary conditions of analysis will change with the operation of fire sprinklers.
3	The Panel members suggested to review Glossary/Terminology clause in view of the similar terms being mentioned repeatedly in the draft/chapter.
4	The Panel members noted that IS 18794:2024 'Air Handling Units – Specification' and IS 18728:2024 'Multiple split-system air conditioners and air-to-air heat pumps (VRF air conditioners) – Specification' are now available.

Resolution No.	Resolution/Decision
5	The Panel members noted that Shri Anil Chopra from Camfil India Pvt. Ltd., Gurugram volunteered to update the 'MERV' mentioned in Table for 'Guidelines for Filter Efficiency Requirement in Health Care Facilities' as per the relevant Indian Standards in coordination with Shri Chandrasekar Narayanan.
6	Shri Radhey Agrawal volunteered to share a flow chart mentioning the updated changes as per the MoEFCC phase down and phase out refrigerants.
7	All the Chairs/Co-Chairs of sub-committees were requested to send their final inputs based on the detailed discussions during the meeting and provide their inputs in track change mode.
8	Based on the inputs from 7 above, BIS to issue the Preliminary Draft of revision of this Part 8 / Section 3 for a period of 3 weeks.
9	Next meeting of the Panel shall be held around mid-December to consider the comments received on the P-Draft so as to approve it for issuing in Wide Circulation.

Formal Minutes of the meeting will be sent separately.

PS: All members are encouraged to visit the BIS' Standardization Portal, <https://www.manakonline.in/MANAK/login>

Click **Standardization Tile, then click LOGIN**

and reset their password (using FORGOT PASSWORD) before accessing for the first time the interactive portal.
