



भारतीय मानक ब्यूरो

BUREAU OF INDIAN STANDARDS

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MINUTES

MEETING	DAY & DATE	TIME	VENUE
Thirty-Ninth meeting of Refrigeration and Air Conditioning Sectional Committee, MED 03	Wednesday 13 December 2023	1030-1330 hr	VC through WebEx

CHAIRPERSON: Prof (Dr) Ravi Kumar, Department of Mechanical & Industrial Engineering, Indian Institute of Technology (IIT), Roorkee, Uttarakhand.

MEMBER SECRETARY(MS): Miss Neha Thakur, Scientist 'B'/Assistant Director (MED), BIS, New Delhi.

MEMBERS PRESENT: See Annex 1

Item 0 WELCOME AND OPENING REMARKS

- 0.1** MS informed Shri Navindra Gautam, Sc.E/Director and HMED is on medical leave. MS welcomed all the members present on his behalf.
- 0.2** Prof (Dr) Ravi Kumar, Chairperson, MED 03 welcomed the Committee members present to the 39th meeting of MED 03. He also welcomed the new MS MED 03. He appreciated the active participation by most of the Committee members. He informed that refrigerants has been one of the most important subjects and Committee should actively focus on formulating and updating the refrigerants standards. With this, he hoped for fruitful deliberation during the meeting.

Item 1 CONFIRMATION OF THE MINUTES OF THE LAST MEETING

Committee approved the minutes of the 38th meeting of Refrigeration and Air Conditioning Sectional Committee, MED 03 held on 17th July 2023 through VC (WebEx) was circulated vide email bearing reference MED 03/A-2.38 dated 28th July 2023.

Item 2 SCOPE AND COMPOSITION OF COMMITTEE

2.1 SCOPE

The Committee noted the present scope and deliberated on the draft revised scope as follows:

'Standardization in the fields of refrigeration and air-conditioning, including terminology, mechanical and electrical safety, methods of testing and rating equipment, measurement of sound levels, refrigerant and refrigeration lubricant, with consideration given to environmental protection.

5.16 MED 03 (20281) Liquid Chilling Package Units — Specification (First Revision of IS 16590)

Committee noted the information.

5.17 MED 03 (18921) : Multiple split-system air conditioners and air-to-air heat pumps (VRF air conditioners) — Specification

Committee noted the information.

5.18 MED 03 (22550) Refrigerated storage cabinets and counters for professional use — Performance and energy consumption [Adoption of ISO 22041:2019]

Committee noted the information.

5.19 MED 03 (22551) Blast chiller and freezer cabinets for professional use — Classification requirements and test conditions [Adoption of ISO 22042:2021]

Committee noted the information.

5.20 MED 03 (22552) Commercial beverage coolers — Classification, requirements and test conditions [Adoption of ISO 22044:2021]

Committee noted the information.

ITEM 6 DRAFT STANDARDS/AMENDMENTS FOR FINALIZATION

6.1 MED 03 (21881) Pumpset for evaporative air coolers Specification (Revision of IS 11951)

Committee noted the information. It also accepted the recommendation of the panel and finalized the draft for printing. Committee approved for editorial corrections in the draft Indian Standard.

6.2 MED 03 (22387) Direct evaporative air cooler — Specification (Revision of IS 3315)

Committee noted the information. It also accepted the recommendation of the panel and finalized the draft for printing. Committee approved the draft Indian Standard with editorial corrections.

6.3 MED 03 (22200) Drinking Water Coolers — Specification [First revision of IS 1475 (Part 1)]

The Committee noted the information. Committee accepted the recommendation by the panel including addendum to the minutes and finalized the document for printing.

6.4 MED 03 (22235) Household Refrigerating Appliances Characteristics and Test Methods Part 1 General Requirements [First revision of IS 17550 (Part 1): 2021]

Vide Item 4.1 Sl No.1.

6.5 MED 03 (22236) Household Refrigerating Appliances Characteristics and Test Methods Part 2 Performance Requirements [First revision of IS 17550 (Part 2): 2021]

Vide Item 4.1 Sl No.1.