Doc. No.: MED 03 (25074)
March 2024

For Comments Only

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

भारतीय मानक मसौदा

सामान्य संवातन के एयर फिल्टर
भाग 4 न्यूनतम भिन्नात्मक परीक्षण दक्षता ज्ञात करने के लिए कंडीशनिंग पद्धति

(आईएसओ 16890 (भाग 4) : 2022 का *अधिग्रहण*)

(*पहला पुनरीक्षण*)

Draft *Indian Standard*

AIR FILTERS FOR GENERAL VENTILATION
PART 4 CONDITIONING METHOD TO DETERMINE THE MINIMUM FRACTIONAL TEST EFFICIENCY

[*Adoption* of ISO 16890 (Part 4) : 2022]

(*First Revision*)

ICS 91.140.30

Refrigeration And Air Conditioning Sectional Committee, MED 03	Last date for comments is **17 May 2024**

NATIONAL FOREWORD
(*Adoption clause to be added later*)

This standard was earlier published as IS 17570 (Part 4) : 2021/ ISO 16890-4 : 2016 Air Filters for General Ventilation Part 4 Conditioning Method to Determine the Minimum Fractional Test Efficiency. The new standard has been taken up for identical adoption of the standard ISO 16890 (Part 4) : 2022 under dual numbering system by superseding IS 17570 (Part 4) : 2021/ ISO 16890-4 : 2016.

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

a) Wherever the words 'International Standard' appears referring to this standard, they should be read as 'Indian Standard'.
b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standard, which is to be substituted in their respective places, is listed below along with its degree of equivalence for the edition indicated:

International Standard	*Corresponding Indian Standard*	*Degree of Equivalence*
ISO 16890-2, Air filters for general ventilation — Part 2: Measurement of fractional efficiency and air flow resistance	IS 17570 (Part 2) : 2021 Air Filters for General Ventilation Part 2 Measurement of Fractional Efficiency and Air Flow Resistance (ISO 16890-2 : 2016, MOD)	Modified/ Technically Equivalent

This standard is one of the series of Indian Standards on Air Filters for General Ventilation. The other parts in this series under the general title are as follows:

Part 1 Technical specifications, requirements and classification system based upon particulate matter efficiency (ePM)
Part 2 Measurement of Fractional Efficiency and Air Flow Resistance (ISO 16890-2 : 2016, MOD)
Part 3 Determination of the gravimetric efficiency and the air flow resistance versus the mass of test dust captured

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2 : 2022 'Rules for rounding off numerical values (*second revision*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

Note: The technical content of the document has not been enclosed as these are identical with the corresponding IEC standard. For details, please refer the corresponding ISO 16890 (Part 4) : 2022 or kindly contact:

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