BUREAU OF INDIAN STANDARDS

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भारतीय मानक मसौदा

कार्यस्थल वायु - वाष्पीय क्लोरिनेटिड हाइड्रोकार्बन का निर्धारण – चारकोल ट्यूब/विलायक अवशोषण/ गैस क्रोमैटोग्राफिक पद्धति

(IS 15210 का पहला पुनरीक्षण)

Draft Indian Standard

Workplace Air — Determination of vaporous chlorinated hydrocarbons — Charcoal tube/solvent desorption/gas chromatographic method

(*First Revision of IS 15210*)

ICS 13.040.30

Air Quality Sectional Committee, CHD 35	Last Date for Comments: 13-01-2024

Air Quality Sectional Committee, CHD 35

NATIONAL FOREWORD

(Formal clause will be added later)

This standard was first published in 2002 by adopting and harmonizing with ISO 8762: 1988 as identical adoption under dual numbering. Now, ISO 8762: 1988 has been withdrawn. The Committee responsible for formulating this standard has decided to revise the standard and harmonize the standard with latest ISO 9486 : 1991.

This standard specifies ‘a method for the measurement of the concentrations of airborne vapours in the range from approx. 1 mg/m^3 to 1 000 mg/m^3 when sampling 10 litres of air’.

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

a) Wherever the words `International Standard' appear referring to this standard, they should be read as `Indian Standard'.

b) Comma (,) has been used as a decimal marker in the International Standard, 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 Standards, which are to be substituted in their places, are listed below along with their degree of equivalence for the editions indicated:

International Standard	*Corresponding Indian Standard*	*Degree of Equivalence*
ISO 6145-1:1986 Gas analysis — Preparation of calibration gas mixtures — Dynamic volumetric methods — Part 1: Methods of calibration.	IS 16249 (Part 1) : 2021 Gas analysis preparation of calibration gas mixtures using dynamic methods Part 1 General Aspects	Identical With ISO 6145-1:1986
ISO 6145-10 : 2002 Gas analysis — Preparation of calibration gas mixtures using dynamic volumetric methods Part 10: Permeation method	IS 16249 (Part 10) : 2015 Gas Analysis - preparation of calibration gas mixtures using dynamic volumetric methods: Part 10 Permeation Method	Identical With ISO 6145-10 : 2022

The technical committee has reviewed the provisions of the following International Standards referred in this adopted standard and has decided that they are acceptable for use in conjunction with this standard.

International Standard No	*Title*
ISO 5725:1986	Precision of test methods — Determination of repeatability and reproducibility for a standard test method by inter-laboratory tests.

In this adopted standard, reference appears to certain International Standards where the standard atmospheric conditions to be observed are stipulated which are not applicable to tropical/subtropical countries. The applicable standard atmospheric conditions for Indian conditions are 27 ℃ ± 2°C and (65 ± 5) percent, relative humidity and shall be observed while using this standard.

In reporting the result of a test or analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off, it shall be done in accordance with IS 2: 2022 'Rules for rounding off numerical values (*second revision*)'

FOR COMPLETE TEXT OF THE DOCUMENT, KINDLY REFER ISO 9486: 1991

Note: The technical content of the document has not been enclosed as these are identical with the corresponding ISO Standard. For obtaining the copy of the complete ISO Standard, please contact:

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