***भारतीय मानक***

***Indian standard***

***बुननयादी पर्यावरण परीक्षण*** ***प्रक्रियाएं***

***भाग-2 टेस्ट - टेस्ट XA और मार्गदर्शन***

***अनुभाग-45 सफाई सॉल्वैंट्स में विसर्जन***

***Basic Environmental Testing Procedures –***

***Part 2: Tests - Test XA and guidance***

***Section 45: Immersion in cleaning solvents***

***ICS: 19.040***

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***मानक भवन 9 बहादुर शाह ज़फर मार्ग नई दिल्ली - 110002***

***MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG,***

***NEW DELHI - 110002***

**March 2023 Price Group**

Environmental Testing Procedures Sectional Committee, LITD 01

**NATIONAL FOREWORD**

This Indian Standard (Part 2/Sec 45) which is identical with IEC 60068-2-45:1980 ‘Basic environmental testing procedures Part 2-45 Tests – Test XA and guidance Immersion in cleaning solvents’ issued by the International Electrotechnical Commission (IEC) was adopted by the Bureau of Indian Standards on the recommendation of the Environmental Testing Procedure Sectional Committee LITD 01 and approval of the Electronics and Information Technology Division Council.

IS 9000 (Part 20) ‘Basic Environmental Testing Procedures for Electronic and Electrical Items Part 20 Resistance to cleaning solvents and procedure of markings’ and IS 9001 (Part 5) ‘Guidance for environmental testing Part 5 Resistance to cleaning solvents and permanence of markings’ were published in 1979 and were based on IEC Document 50C (Central Office) 19 ‘Draft XA: Immersion in Cleaning Solvents, and Guide to Test XA’. The superseding of IS 9000 (Part 20) and IS 9001 (Part 5) have been undertaken to align it with the latest version of IEC 60068- 2-45:1980. On publication of this Indian Standard IS 9000 (Part 20): 1979 and IS 9001 (Part 5): 1979 stands withdrawn.

Amendment No.1:1993 of IEC 60068-2-45:1980 is attached at the end of this standard.

The text of IEC 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:

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

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 same as that of the specified value in this standard.