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BUREAU OF INDIAN STANDARDS
DRAFT FOR COMMENTS ONLY

Draft Indian Standard

Surge arresters - Part 10: Rationale for tests specified by IS 15086 (Part 4)

ICS 29.120.50; 29.240.10

Surge Arresters Sectional Committee, ETD 30	Last date of receipt of comments**: 20 October 2025**

NATIONAL FOREWORD

This draft Indian Standard which is identical with IEC TR 60099-10: 2024 "Surge arresters" issued by the International Electrotechnical Commission (IEC) will be adopted by the Bureau of Indian Standards on the recommendation of the Surge Arresters Sectional Committee and approval of the Electrotechnical Division Council.

This standard provides information to users of IS 15086 (Part 4) to help them understand the underlying rationale for the tests and the specified test parameters.

The text of IEC Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain terminologies and conventions 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, while in Indian Standards the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to International Standards for which Indian Standards also exists. The corresponding Indian Standards, which are to be substituted, are listed below along with their degree of equivalence for the editions indicated:

International Standard	*Corresponding Indian Standard*	*Degree of Equivalence*
IEC 60099-4:2014, Surge arresters – Part 4: Metal-oxide surge arresters without gaps for a.c. systems	IS 15086 (Part 4): 2017 IEC 60099-4: 2014, Surge arresters: Part 4 metal - Oxide surge arresters without gaps for A.C. systems	Identical under dual numbering

Only the English language text has been retained while adopting it in this Indian Standard, and as such, the page numbers given here are not the same as in the IEC Publication.

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 of 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 is not available on website. For details, please refer the corresponding IEC 60099-10: 2024 or kindly contact:

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