



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

**BUREAU OF INDIAN STANDARDS**

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

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## PRELIMINARY DRAFT FOR INDIAN STANDARD

**Reference : ETD 03/G-1**

**Date : 30 September 2024**

**TECHNICAL COMMITTEE : Fluids For Electrotechnical Applications, ETD 03**

**To,**

**All concerned**

Dear Madam/Sir,

The following document has been prepared by the Fluids For Electrotechnical Applications Sectional Committee, ETD 03. Please [click here](#) to view the document.

**Document Number : ETD 03 (26665) P**

**Title of the document : GASSING OF INSULATING LIQUIDS UNDER ELECTRICAL STRESS AND IONIZATION First Revision**

**Document Type : Revision of Indian Standard (IS 12475 : Part 1 : 1988, IS 12475 : Part 2 : 1988)**

Methods for determination of gassing rate of insulating liquids under stress and ionization under hydrogen and nitrogen environment were earlier covered under IS 12475 (Part 1): 1988 and IS 12475 (Part 2): 1988 respectively. This revision combines both parts of IS 12475 as mentioned above and is being undertaken to bring it in line with latest practices.

Major changes w.r.t the previous edition include: Combining requirements of gassing rate of insulating liquids in hydrogen and nitrogen environment.

Special attention is drawn to Clause 20 of the draft document.

Please examine the document and share your comments regarding further improvement in the document.

**Last date for sharing the comments is : 30 October 2024**

The comments should be shared in the prescribed template through this portal only; and the comments so received shall be taken up by the Sectional Committee for necessary action. For any other query, please write an email at

eetd@bis.gov.in to the undersigned at Bureau of Indian Standard, Manak Bhawan, 9, Bahadur Shah Zafar Marg, New Delhi.

In case no comments are received, we would presume your approval of the documents. However, in case we receive any comments on the document, the same shall be put up to the Sectional Committee for necessary action.

Thanking You,

**Yours faithfully,**  
**(MEGHNA MUDGAL)**  
**SCIENTIST-D/JOINT DIRECTOR ( Electrotechnical Department )**  
**Email: eetd@bis.gov.in**