DRAFT INDIAN STANDARD IN WIDE CIRCULATION

Reference : MED 17/T-62 **Date : 13 February 2024**

TECHNICAL COMMITTEE : Chemical Engineering Plants And Related Equipment, MED 17

To,

All concerned

Dear Madam/Sir,

The following document has been prepared by the Chemical Engineering Plants And Related Equipment Sectional Committee, MED 17. Please click here to view the document.

Document Number : MED 17 (23611) WC
Title of the document : CALIBRATION OF VACUUM GAUGES METHODS OF TEST PART 1 PRESSURE REDUCTION BY CONTINUOUS FLOW IN THE PRESSURE RANGE OF 10-5 Pa to 10-1 Pa (First Revision)
Document Type : Revision of Indian Standard (IS 8276 : Part 1 : 1976)

This document has following salient features which may require specific attention for your valuable comments:

1) This standard (Part 1) specifies a method for the calibration of vacuum gauges in the pressure range of 10-1 to 10-5 Pa whereby a known low pressure is established by the passage of a known flow of gas through a circular orifice of known conductance.
2) The upper limit of pressure to which the method is applicable is set by the diameter of the orifice in relation to the mean free path of the gas molecules. The lower limit will depend on the type of gauge being calibrated, and on the amount of sorption or desorption of gas within the apparatus.

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

Last date for sharing the comments is : 20 March 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 med@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,
(ITS ADMIN)
Head (Mechanical Engineering Department)
Email: med@bis.gov.in

व्यापक परिचालन में मसौदा(दे)

हमारा सन्दर्भ : MED 17/T-62 दिनांक : 13-02-2024

तकनीकी समिति : Chemical Engineering Plants And Related Equipment Sectional Committee, MED 17

प्राप्तकर्ता : रूचि रखने वाले सभी निकाय

महोदय/या,

निम्नलिखित मसौदा तैयार किया गया है :

प्रलेख संख्या : MED 17 (23611) WC
शीर्षक :

कृपया इस/इन मानक(को)/संसोधन(नो) के मसौदे(दो) का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजें कि यदि ये मानक(को) के संशोधन(नो) के रूप में प्रकाशित हो तो इन पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयां आ सकती हैं।

सम्मत्तियाँ भेजने की अंतिम तिथि : 20 March 2024

सम्मतियाँ, यदि कोई हों तो, कृपया यहाँ क्लिक करके ऑनलाइन पोर्टल के माध्यम से ऊपर दी गयी अंतिम तिथि तक दर्ज कराएं।

यह/ये प्रलेख भारतीय मानक ब्यूरो की वेबसाइट www.bis.gov.in पर भी उपलब्ध है/हैं।

धन्यवाद।

भवदीय/भवदिया,

विभाग प्रमुख का नाम : ITS ADMIN
(Mechanical Engineering Department)
ई-मेल : med@bis.gov.in