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भारतीय मानक

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डामर ड्रम — विशिष्ट

(तीसरा पुनरीक्षण)

Indian Standard

BITUMEN DRUMS — SPECIFICATION

(Third Revision)

UDC 621.798.144 (669.141.24) : 665.775

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BUREAU OF INDIAN STANDARDS
MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG
NEW DELHI 110002

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Price Group 1

Metal Containers Sectional Committee, MTD 32

FOREWORD

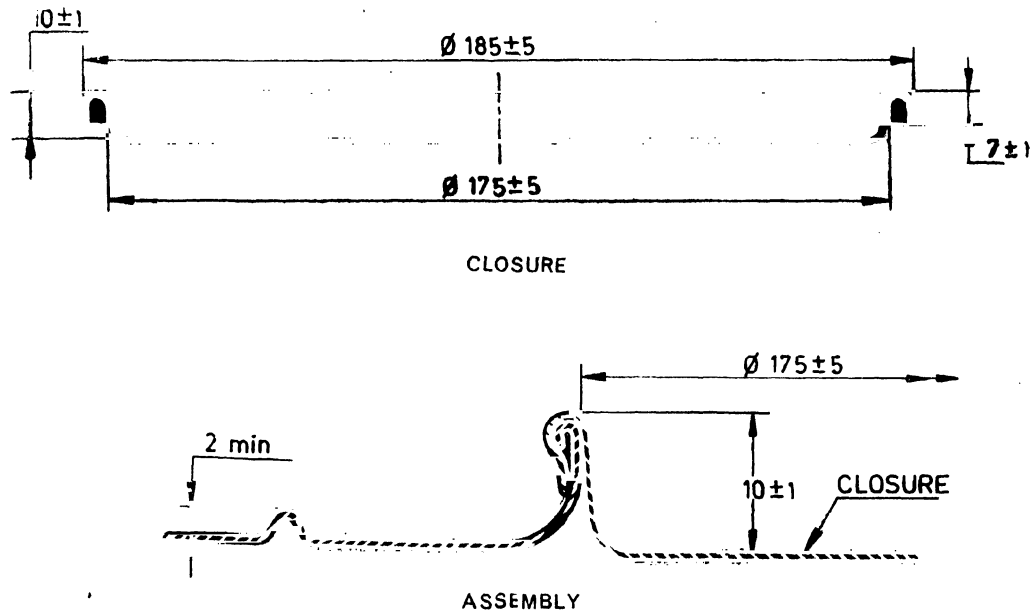
This Indian Standard (Third Revision) was adopted by the Bureau of Indian Standards, after the draft finalized by the Metal Containers Sectional Committee, had been approved by the Metallurgical Engineering Division Council.

This standard was first published in 1977 and then revised in 1989. In the present revision of this standard, the following major change has been incorporated:

Dimensions of drums and closures have been modified in line with the present manufacturing practices in the country.

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 : 1960 ' Rules for rounding off numerical values (*revised*) '. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

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All dimensions in millimetres.

FIG. 2 CLOSURE AT CENTRE

6.4 The bottom and top ends may have strengthening corrugations.

6.5 Closure

The drums shall be provided with an aperture at the centre to suit the closure. Closure shall be crimped on to the central aperture of the drums by the purchaser. The assembly details for closure are shown in Fig. 2. The closure diameter shall be so as to fit on the drum aperture in snug fitting position. Closure may be supplied with the drum, as specified by the purchaser.

7 FINISH

7.1 The drums shall be new, thoroughly clean and free from rust, loose scales, moisture and other foreign matter.

7.2 The outside surface of the drums may be painted or left unpainted as agreed to between the purchaser and the supplier.

8 AIR PRESSURE TEST

8.1 Each drum shall be subjected to the air pressure test according to the provisions of IS 2471 : 1963. The drum shall not show any sign of leakage when subjected to an internal air pressure of 20 kPa (0.2 kgf/cm²) for a minimum period of 5 seconds.

8.2 If there is a minor leakage found during leakage test it may be manually welded and the drum shall be retested for leakage test. If the leakage is found again, the drum shall be rejected.

9 SAMPLING

Representative samples of the drums for tests regarding dimension, capacity, construction, finish shall be drawn according to the provisions of IS 3259 : 1966.

10 MARKING

10.1 The drums shall be marked indelibly with the following particulars:

- Indicating the source of the manufacturer,
- Year of manufacture, and
- Any other marking as agreed to between the purchaser and the supplier.

10.1.1 The marking may be done by embossing on the drum ends or closure or by lithography on the closures or by painting on the drum or by any other agreed method.

11 STANDARD MARK

The drums may also be marked with the Standard Mark.

Standard Mark

The use of the Standard Mark is governed by the provisions of the *Bureau of Indian Standards Act, 1986* and the Rules and Regulations made thereunder. The Standard Mark on products covered by an Indian Standard conveys the assurance that they have been produced to comply with the requirements of that standard under a well defined system of inspection, testing and quality control which is devised and supervised by BIS and operated by the producer. Standard marked products are also continuously checked by BIS for conformity to that standard as a further safeguard. Details of conditions under which a licence for the use of the Standard Mark may be granted to manufacturers or producers may be obtained from the Bureau of Indian Standards.

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Amendments are issued to standards as the need arises on the basis of comments. Standards are also reviewed periodically; a standard along with amendments is reaffirmed when such review indicates that no changes are needed; if the review indicates that changes are needed, it is taken up for revision. Users of Indian Standards should ascertain that they are in possession of the latest amendments or edition by referring to the latest issue of 'BIS Handbook' and 'Standards Monthly Additions'. Comments on this Indian Standard may be sent to BIS giving the following reference:

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Amendments Issued Since Publication

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