

**भारतीय मानक ब्यूरो
(केंद्रीय मुहर विभाग III)**

हमारा संदर्भ: सी एम डी - III/16 : IS 1363 (भाग 1)

6 Dec 2023

विषय : संशोधित आईएस 1363 (भाग 1) के अनुपालन हेतु गाइडलाइन

यह उपरोक्त विषय के संदर्भ में है।

सक्षम अधिकारी द्वारा अनुमोदित दिशानिर्देश अनुपालन हेतु संलग्न है।

सभी क्षेत्रीय / शाखा कार्यालयों से अनुरोध है कि दिशा निर्देशों का तत्काल प्रभाव से अनुपालन सुनिश्चित करें।

(राहुल विश्वकर्मा)
वैज्ञानिक सी (सी एम डी-III)

प्रमुख (सी एम डी- III)
सभी क्षेत्रीय /शाखा कार्यालय

**BUREAU OF INDIAN STANDARDS
(Central Marks Department-III)**

Our Ref: CMD-III/16: IS 1363 (Part 1)

6 Dec 2023

Subject: Guidelines for implementation of **Revised IS 1363 (Part 1): 2023 - Hexagon Head Bolts, Screws and Nuts of Product Grade 'C' Part 1 Hexagon Head Bolts (Size Range M5 to M64)**

This has reference to the subject mentioned above.

The Competent Authority has approved the enclosed Guidelines for implementation.

All ROs/BOs are requested to ensure the implementation of the above Guidelines with immediate effect

(Rahul Vishwakarma)
Scientist C (CMD-III)

Head (CMD-III)
Circulated to: All ROs/BOs

CENTRAL MARKS DEPARTMENT – III

Our Ref: CMD III/16: IS 1363 (Part 1)

6 Dec 2023

Subject: Guidelines for implementation of Revised IS 1363 (Part 1): 2023 - Hexagon Head Bolts, Screws and Nuts of Product Grade ‘C’ Part 1 Hexagon Head Bolts (Size Range M5 to M64)

1. IS 1363 (Part 1): 2019 has been revised to IS 1363 (Part 1): 2023 - Hexagon Head Bolts, Screws and Nuts of Product Grade ‘C’ Part 1 Hexagon Head Bolts (Size Range M5 to M64). The last date of concurrent running of the both old and new version of Indian Standard is 09 April 2024.
2. The significant changes in the revised Standard as listed in the Table is given for the purpose of general guidance. BOs shall ensure that the product conforms to all the requirements, as applicable, as per the revised Standard:

Clause No.	Change
Clause 4, Fig 1 and 2 & Table 1 to 4	The permissible shapes for free formed head, indentation on the head, and transition length under head, l_f have been added
Clause 4 & Table 1	Size M7 has been added
Clause 4, Fig 1 and 2 & Table 1 to 4	$D_{w,min}$ has been changed for sizes: $d \leq M5$ from $s_{min} — IT16$ to $s_{min} — IT15$, in order to have a larger bearing surface area and thus less contact pressure
Clause 4	The rules for the shortest and greatest standard lengths have been added, and they have been amended accordingly
Table 3	$l_{g,max}$ has been corrected for M33 × 260 (169 mm instead of 167 mm);
Clause 6	Specifications for marking and labelling have been added as 6.
	Tables for dimensions have been restructured

3. Consequent upon issuance of the revised Standard, the Product Manual has been revised as Product Manual Doc: **PM/ IS 1363 (Part 1)/ 2/ December 2023** and is being circulated separately through BIS website.
4. The guidelines for implementation of the revised Standard is given below:

A. LICENSEES

- i. Licensee shall submit the conformity of modified requirements either through in-house test report / test report from BIS approved third party laboratory of product in order to establish the conformity.
- ii. Any difficulty in implementation shall be brought to the notice of CMD III within 30 days of issuance of these guidelines. BO shall ensure that no Licences are under operation as per old Indian Standard after 09 April 2024. The status of implementation of the revised Standard shall be confirmed by Head (BO) to CMD-III within two weeks of the last date of concurrent running.

- iii. Verification of implementation of the Revised IS 1363 (Part 1): 2023 shall be done through a surveillance visit, which shall be completed within one month from the last date of implementation.
- iv. If the Licensee fails to complete all actions by 09 April 2024, it shall be dealt with as per the prevailing guidelines.

B. APPLICATIONS FOR GRANT OF LICENCE

- i. Existing Applications where Sample has been submitted in the Laboratory/Test Report has been issued by the Laboratory may be processed without consideration of the revised Standard. However, if the Applicant desires to get the licence as per revised Standard, a declaration may be obtained from the Applicant to that effect and the Application may be processed accordingly. An undertaking shall also be obtained from such Applicants that if the sample fails while considering the provisions of the revised Standard, Licence will not be granted as per the old version.
- ii. Applications which are recorded henceforth may be processed as per old Standard or the revised Standard. Processing of Applications as per old Standard shall be permitted only up to 09 April 2024 and for such cases Applicant shall give a declaration that they will implement the revised Standard by 09 April 2024.
- iii. After 09 April 2024, no Licence shall be granted without consideration of the revised Standard.

C. CHANGE IN SCOPE OF LICENCE:

- i. For change in scope of licence, the relevant provisions as given above for Applicants shall apply.
- ii. However, processing of such applications for change in scope of licence as per the old Standard shall be permitted only up to the date of implementation of the revised Standard or up to 09 April 2024 whichever is earlier.

5. The above guidelines come into force with immediate effect.

Rahul Vishwakarma
Scientist C

Head (CMD III)
DDG (Certification)