



### केन्द्रीय मुहर विभाग – III

हमारा संदर्भ- केन्द्रीय मुहर विभाग-३/१६: भा.मा. 15449 (Part 1)

27 जनवरी 2025

**विषय: अनुपालन हेतु गाइडलाइन**

सभी शाखा कार्यालयों से आग्रह है कि संलग्न गाइडलाईन का अनुपालन तत्काल प्रभाव से सुनिश्चित करें।

(राकेश कुमार)  
वैज्ञानिक 'डी'/संयुक्त निदेशक (के मु वि III)

**प्रमुख (के मु वि III)**

सभी क्षेत्रीय/शाखा कार्यालय

### CENTRAL MARKS DEPARTMENT-III

Our Ref: CMD-3/16: IS 15449 (Part 1)

27 January 2025

**Subject: Guidelines for implementation of revised Standard IS 15449 (Part 1):2024 —  
“Household Zig-Zag Sewing Machine/ Head- General Requirements”**

This has reference to the subject mentioned above.

BOs may kindly ensure implementation of the attached guidelines with immediate effect.

(Rakesh Kumar)  
Scientist D/Joint Director (CMD III)

**Head (CMD - III)**

Circulated to: All ROs/BOs

### CENTRAL MARKS DEPARTMENT-III

Our Ref: CMD-3/16: IS 15449 (Part 1)

27 January 2025

**Subject: Guidelines for implementation of revised Standard IS 15449 (Part 1):2024 — “Household Zig-Zag Sewing Machine/ Head- General Requirements”**

1. Indian Standard IS 15449 (Part 1): 2004 has been revised and published as IS 15449 (Part 1): 2024. **The last date for implementation of the revised Standard is 12 May 2025.**
2. All BOs shall inform the Applicants and Licensees under their jurisdiction about implementation of the revised Standard **within a week of issuance of these guidelines.**
3. The significant changes brought through this revision 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.

Sl. No.	Page No, Clause reference	Change
1.	Title of the standard, Scope of the standard, Cl. 1	Title has been changed. Also, Scope has been amended to include electronically controlled zig-zag operation.
2.	Page 1, Cl. 3.2.1- Stitch length regulator	Stitch length range has been updated
3.	Page 1, Cl. 3.5- Stop motion mechanism	Stop motion mechanism has been updated
4.	Page 1, Cl. 3.6- Bobbin winder	Bobbin winder has been updated
5.	Cl. 3.8- Stitch width selector	Stitch width selector has been updated
6.	Cl. 3.9- Sewing mechanism of needle position selector	Sewing mechanism of needle position selector has been updated
7.	Cl. 5- Lubrication	Requirement for lubrication has been modified. Now it is not compulsory for all machine/head types, unless mentioned by the manufacturer in the instruction manual.
8.	Page 2, Cl. 6.1- Raw materials	Raw materials for construction of sewing machine has been updated. For electronically controlled machines/head, frame may not be necessarily of metal.
9.	Cl. 6.2- Painting and powder coating requirements	Requirement for Painting has been modified. Also, requirements for powder coating, if done, has been specified.
10.	Cl. 6.3- Plating requirements	Requirements of plating has been modified. Now, Nickel and chromium plated parts are required to conform to IS 1068 and parts with zinc electroplating shall conform to IS 1573.
11.	Cl. 8.4- Safety requirements	Safety requirements for Machine/head containing electrical component has been added
12.	Cl. 8.5 and Cl. 8.6- Requirements of Plugs, Sockets and power cord	Requirements of Plugs, Sockets and power cord has been added.
13.	Cl. 9- Accessories	Accessories in service box has been updated (Lubricating oil to be provided wherever it is recommended in the instruction manual, (depending on the model) has been added). Presser Foot has been deleted.

14.	Cl. 10.1 and Cl. 10.2- Marking clause	Marking clause has been modified to add marking requirements specified in 7 of IEC 60335-2-28 for applicable Machine/Head. Also option to print the information on sticker has been added.
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4. Consequent upon publication of the revised Standard, existing Product Manual has also been revised as Doc: PM/ IS 15449 (Part 1) /2/ January 2025. In this revision, changes have been made in Raw material, Grouping Guidelines, List of Testing equipment and Scheme of Inspection and Testing.
5. The guidelines for implementation of the revised Standard is given below:

**A. LICENSEES:**

- (i) All Licensees shall implement the revised Standard by 12 May 2025. Any difficulty in implementation shall be brought to the notice of CMD III within 30 days of issuance of these guidelines. BOs shall ensure that no Licences are under operation Standard as per old standard after 12 May 2025. 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.
- (ii) Licensee manufacturers shall submit the test report of the product, in-house or independent, as applicable, as evidence of conformity to revised Standard.
- (iii) Since Electronically controlled machine/head has been added in scope of Standard through this revision, the scope of BIS licences also shall indicate type of controlling mechanism (Mechanically Controlled or Electronically Controlled). Scope of all existing BIS licences shall be reviewed and revised adding Control mechanism as – “Mechanically Controlled” in their scope of licence.  
Electronically controlled machine/head which have been covered now in the Standard through this revision, shall be covered through process of inclusion of new varieties.
- (iv) Verification of implementation of the revised standard, shall be done during the next visit **which shall be completed within one month from the date of submission of compliance by licensee.**
- (v) If the Licensee fails to complete all actions by **12 May 2025** 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 as per old Standard. However, if the Applicant is desirous of considering the application 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 as per revised Standard, Licence will not be granted as per old Standard.
- (ii) Applications which are recorded henceforth may be processed as per old or revised Standard. Processing of Applications as per old Standard shall be permitted only up to 12 May 2025 and for such cases Applicant shall give a declaration that they will implement the revised Standard by 12 May 2025.
- (iii) Beyond 12 May 2025, no Licence shall be granted as per old 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 old Standard shall be permitted only up to the date of implementation of the revised Standard by the licensee or up to 12 May 2025 whichever is earlier.

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

**(Rakesh Kumar)**  
**Scientist D/Joint Director**

Head (CMD III)  
**DDG (Certification)**