



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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Review Document

Basic Details

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| 1. | Sectional Committee No. & Title: | FAD 11 - Agricultural Machinery and Equipment |
| 2. | IS No : | IS 3122 : 1982 |
| 3. | Title : | Specification for Budding and Grafting Knife Combined (First Revision) |
| 4. | Date of Previous Review: | January, 2022 |

Review Analysis

5.1 Status of standard(s), if any from which assistance had been drawn in the formulation of this IS.

| S.No. | Standard (No.) | Standard (Title) | Whether the standard has since been revised | Major changes | Action proposed |
|-------|----------------|------------------|---|---------------|-----------------|
| 1 | Nil | Nil | Nil | Nil | Nil |

5.2 Status of standard referred in the IS.

| S.No. | Referred standards (No.) | Referred standards (Title) | Since revised IS no. of the corresponding IS | Changes in the referred Standards since last review of IS | Changes in the referred standard which are affecting the standard under review | Action proposed |
|-------|--------------------------|--|--|---|--|--------------------|
| 1 | IS 410 : 1977 | Specification for cold rolled brass sheet, strip and foil (third revision) | unchanged | NA | NA | No Action Required |
| 2 | IS 737 : 1974 | Wrought aluminium and aluminium alloy sheet and strip for general engineering purposes â Specification (fourth revision) | Revised as IS 737 : 2008 | NA | NA | No Action Required |
| 3 | IS 4258 : 1967 | Metallic materials - Conversion of hardness values (third revision) | Revised as IS 4258 : 2018 | NA | NA | No Action Required |
| 4 | IS 4367 : 1967 | Alloy steel forgings for general industrial use â Specification (first revision) | Revised as IS 4367 : 1991 | NA | NA | No Action Required |
| 5 | IS 1570 (Part 2) : 1979 | Schedules for wrought steels: Part 2 carbon steels (Unalloyed Steels) (first revision) | unchanged | NA | NA | No Action Required |
| 6 | IS 4454 (Part 1) : 1975 | Steel wire for mechanical springs - Specification: Part 1 cold drawn unalloyed steel wire (Third Revision) | Revised as IS 4454 (Part 1) : 2001 | NA | NA | No Action Required |
| 7 | IS 7201 : 1974 | Methods of Sampling for Agricultural Machinery and Equipment: Part 1 Hand â Operated / Animal Drawn Equipment (first revision) | Superseded by IS 7201 (Part 1) : 1987 | NA | NA | No Action Required |

5.3 Any other standards available related to the subject & scope of the standard being reviewed (International/regional/other national/association/consortia, etc or of new or revision of existing Indian Standard).

| S.No. | Standard (No.) | Standard (Title) | Provisions that could be relevant while reviewing the IS | Action proposed |
|-----------------------------|----------------|------------------|--|-----------------|
| No entry made in this table | | | | |

5.4 Technical comments on the standard received, if any.

| S.No. | Source | Clause of IS | Comment | Action proposed |
|-----------------------------|--------|--------------|---------|-----------------|
| No entry made in this table | | | | |

5.5 Information available on relevant technical developments

| S.No. | Source | Development | Relevant clause of the IS under review that is likely to be impacted (Clause & IS No.) | Action proposed |
|-----------------------------|--------|-------------|--|-----------------|
| No entry made in this table | | | | |

5.6 Issues arising out of changes in any related IS or due to formulation of new Indian Standard.

| S.No. | Related IS (revised or new) | Related IS Title | Provision in the IS under review that would be impacted & the clause no. or addition of new clause/provision | Changes that may be necessary in the Standards under review | Action proposed |
|-----------------------------|-----------------------------|------------------|--|---|-----------------|
| No entry made in this table | | | | | |

5.7 Any consequential changes to be considered in other IS.

| S.No. | Related IS to get impacted | Related IS Title | Requirements to be impacted |
|-----------------------------|----------------------------|------------------|-----------------------------|
| No entry made in this table | | | |

Other Details

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| 6. | Any other observation: | The following changes/modifications on the recommendation of panel FAD 11/P3 as been added in the draft: The second revision incorporates the following changes/modifications: a) The values of material used in chemical composition of knife has been updated. b) Hardness, size and dimensions of knife has been modified with given parameters or values. c) Detail dimensions of Knife, are explained with help of grammatical representation of figures. |
| 7. | Upload Supporting Document(s) | |
| | 7.1 ARP Report | 61_9691_220513110743_ARP_Report.pdf |
| | 7.2 Draft Document | 61_9691_220513110743_Draft_Document.pdf |
| 8. | Recommendations - On the basis of the analysis of the info available as mentioned above consideration of sectional committee is solicited on the following aspects of the IS under review: | The draft received from Dr. Surendra Singh has been modified as per BIS format for wide circulation and enclosed for reference. As decided in the 21st meeting held on 25 Jan 2022 of FAD 11 this document will be sent for wide circulation. |