



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

1.	Sectional Committee No. & Title:	FAD 11 - Agricultural Machinery and Equipment
2.	IS No :	IS 3906 : 1995
3.	Title :	Crop Protection Equipment - Hand-operated Knapsack Sprayer, Piston Type
4.	Date of Previous Review:	April, 2021

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
No entry made in this table					

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	292:1983	Specification for leaded brass ingots and casting (Second Revision)				NA
2	11429:1985	Methods for Calibration of Sprayers				NA
3	10134:1994	Methods of Test for Manually - Operated Sprayers (First Revision)				NA
4	8480:1996	Crop Protection Equipment - Glossary of Terms (First Revision)				NA
5	7201(Part1):1985	Methods of Sampling for Agricultural Machinery and Equipment : Part 1 Hand - Tools and Hand - Operated / Animal Drawn Equipment (First Revision)				NA
6	3652:1995	Crop Protection Equipment - Foot Sprayer - Specification (Fourth Revision)				NA
7	2643:1975	Dimensions for pipe threads for fastening purposes: Part I Basic profile and dimensions (first revision)	2643: 2005	Pipe threads where pressure - Tight joints are not made on the threads - Dimensions, tolerances and designation (Third Revision)	NIL as it refers Raw Material	NA

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
1	ISO 19932:2013	Equipment for crop protection ââ Knapsack sprayers		Standard may be referred.

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

6.	Any other observation:	
7.	Upload Supporting Document(s)	

7.1 ARP Report	61_10497_221231103632_ARP_Report.docx
7.2 Draft Document	No Document Uploaded

8.	<p>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:</p>	<p>On the basis of the responses to the Research Questionnaire, the following is hereby submitted: 1. This Indian Standard is familiar and being used by the Manufacturers and Testing Authorities as well as Government Departments for procurement. 2. This Indian Standard is an evolved Standard and currently no issues or problems are being faced in the implementation of the same. 3. This manually -operated Knapsack Sprayer is passe these days and it has been substituted by the following Products with the passage of time : A. Battery-operated Knapsack Sprayer B. Solar-operated Sprayers C. Drone Sprayers. In view of the above, it is recommended to initiate the development (if required) of the Indian Standards on these subjects.</p>
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