



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 1970 : 1995
3.	Title :	Crop Protection Equipment - Hand - Operated Compression - Knapsack Sprayer - Specification (Fifth Revision)
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	Specification for leaded brass ingots and casting (second revision)	Unchanged			
2	10134	Methods of tests for manually operated sprayers (First Revision)	Unchanged			
3	3624	Specification for pressure and vacuum gauges (second revision)	Unchanged			
4	3652	Crop protection equipment- Foot sprayer- Specification (fourth revision)	Unchanged			
5	3906	Crop Protection Equipment - Hand-operated Knapsack Sprayer, Piston Type (fourth revision)	Unchanged			
6	7201 (Part 1)	Methods of sampling for agricultural machinery and equipment: Part 1 Hand tools and hand operated animal-drawn equipment (first revision)	Unchanged			
7	8480	Crop protection equipment – Glossary of terms (First Revision)	Unchanged			
8	2463	Pipe threads where pressure - Tight joints are not made on the threads - Dimensions, tolerances and designation (Third Revision)	2463	ISO 228-1 :2000 has been adopted as the revision of this standard		

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

6.	Any other observation:	This standard has been revised by FAD 11:1. In the revision the following modifications have been done: a) Technical data has been elaborated in Hand Operated Cut-off Device and explained through respective figures and clauses. b) Informative addition for further detailed in Annex B (Hand operated cut-off device), C (Spray Lance), D (Hydraulic Spray Nozzle) E (Hydraulic Spray Gun). c) Normative addition in association of Hand operated cut-off device (Annex B) like dimensions, strainer, end-fitting, gasket, operating trigger knob, test and marking respectively.
7.	Upload Supporting Document(s)	
7.1 ARP Report		61_220211644578936_ARP_Report.pdf
7.2 Draft Document		61_220211644578936_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:	This draft document has already completed the wide circulation and has been finalized by FAD 11 in the 20th meeting of FAD 11. This is for information of Committee members