

FAD 20 AGRICULTURE AND FOOD PROCESSING EQUIPMENTS

SCOPE	A. Equipment for primary processing operations like cleaning, grading, shelling, washing, polishing, drying etc for food grains, seeds & horticulture produce.
	B. Equipment and system for secondary processing like milling, expelling, extraction, crushing etc of food grains, oil seed & horticulture produce.
	C. By product handling and processing equipments
	D. Equipment for value addition to agricultural product and by products including packaging etc.
	E. Liaison with: I. ISO/TC 23/SC 7 Equipment harvesting and conservation.

STANDARDS PUBLISHED

Sl. No.	IS Number DOC Number	Title	Reaffirm Date	No. of Amd
1	IS 1511:1979	Specification for Blades for manually-operated chaff cutter (second revision)	Feb 2012	3
2	IS 1973:1999	Sugarcane crushers - Specification (third revision)	Mar 2010	
3	IS 4596:1968	Glossary of terms relating to oil expellers	Mar 2010	
4	IS 5223:1993	Oilseeds milling machinery - Oil expellers - Test code(first revision)	Mar 2010	
5	IS 5224:1993	Oilseeds milling machinery - Oil expellers single barrel - Specification (second revision)	Mar 2010	
6	IS 5718:2000	Agricultural Produce Processing Equipment - Seed Cleaners - Test Code (second revision)	Mar 2010	
7	IS 6997:1973	Test code for sugarcane crushers	Feb 2012	
8	IS 7051:1973	Specification for Power maize shellers	Feb 2012	
9	IS 7052:1973	Test code for power maize shellers	Feb 2012	
10	IS 7897:1975	Test code for chaff cutter	Feb 2012	1
11	IS 7898:2001	Manually-Operated Chaff Cutter - Specification (second revision)	Feb 2012	
12	IS 8108(Part):1984	Test code for grain dryers: Part 1 Selection and preparation for test (first revision)	Feb 2012	1
13	IS 8108(Part):1984	Test code for grain dryers: Part 2 Method of tests for continuous dryers	Feb 2012	
14	IS 8108(Part):1985	Test code for grain dryers: Part 3 Methods of tests for in-silo dryers	Feb 2012	
15	IS 8420:2000	Grain dryers - Glossary of terms (first revision)	Mar 2010	

16	IS 8427:1989	Agricultural produce milling machinery - Rubber rolls for paddy dehusker - Specification (first revision)	Mar 2010	2
17	IS 8440:1977	Test code for paddy cleaners	Mar 2010	3
18	IS 9049:1989	Agricultural Produce Milling Machinery - Paddy dehusker, rubber roll type - Test code (first revision)	Mar 2010	
19	IS 9555:1999	Rice polisher - Specification (second revision)	Mar 2010	
20	IS 9981:2000	Agricultural Produce Processing Equipment - Glossary of Terms (first revision)	Mar 2010	
21	IS 10048:1999	Rice grader - Specification (second revision)	Mar 2010	
22	IS 10507:1998	Paddy separator - Specification (first revision)	Mar 2010	
23	IS 10520:1989	Agricultural produce milling machinery - Emery stones for burr flour mills - Specification (first revision)	Mar 2010	
24	IS 10892:1984	Recommendations for aperture size of sieves for seed cleaners	Mar 2010	
25	IS 11032:1984	Specification for rotary screen-type precleaner	Feb 2012	1
26	IS 11041:1984	Specification for air-screen seed cleaner	Mar 2010	
27	IS 11459:1985	Specification for power-operated chaff cutter	Feb 2012	1
28	IS 11473:2002	Groundnut Decorticator - Test Code (first revision)	Feb 2012	
29	IS 11787:1986	Specification for paddy dehusker, rubber roll type	Mar 2010	
30	IS 11834:1986 ISO 3971:1977	Symbols and flow diagram for rice milling	Mar 2010	
31	IS 12047:1987	Specification for oil seed cookers/kettles, horizontal type	Mar 2010	1
32	IS 12064:1987	Code of practice for paddy parboiling	Mar 2010	1
33	IS 12396:1988	Specification for paddy cleaner	Mar 2010	
34	IS 12411:1988	Specification for paddy dehusker, centrifugal type	Mar 2010	1
35	IS 12576:1989	Seed Processing Machinery - Indented cylinder grader - Test code	Mar 2010	1
36	IS 12792:1989	Agricultural Produce Milling Machinery - Mini Rice Mill - Specification	Mar 2010	1
37	IS 12833:1989	Agricultural produce milling machinery - Roller flour mills - Flow diagram	Mar 2010	
38	IS 13793:1993	Agricultural produce milling machinery - Milling of pulses - Flow Diagram	Mar 2010	1
39	IS 13794:1993	Oilseeds milling machinery - Power GHANIES Portable - Specification	Mar 2010	1
40	IS 14442:1997	Agricultural produce machinery - Burr Mill - Milling	Feb 2008	

		Testcode		
41	IS 14460:1997	Seed processing equipment - Gravity separator - Specification	Feb 2008	
42	IS 14603:1998	Potato grader - Test code	Mar 2010	
43	IS 15542:2005	Power-operated chaff cutter - Safety requirements	Mar 2010	
44	IS 15561:2005	Sugarcane crushers - Safety requirements	Mar 2010	
45	IS 15827:2009	Plastic film for greenhouses - Specification		
46	IS 15828:2009	Design and construction of plastics-lined farm ponds -Code of practice		
47	IS 15829:2009	Cassava chipping machine, hand operated -Specification		
48	IS 15830:2009	Plastic mulch laying machine - Functionalrequirement - Specification		
49	IS 15831:2009	Grader citrus - Size based		
50	IS 15855:2010	Cotton seed delinting machinery - Surge bin machine - Specification		
51	IS 15856:2010	Cotton seed delinting machinery - pre-heatingmachine - Specification		
52	IS 15857:2009	Cotton seed delinting machinery - Mobile chargingmachine - Specification		
53	IS 15863:2009	Cotton seed delinting machinery - Inclined flight eltconveyor - Specification		

FINALISED DRAFTS UNDER PRINT

Sl. No.	IS Number DOC Number	Title
1	DOC.FAD 20(1743)	Draft Indian Standard - Cotton seed delintingmachinery - Delinting machine with electrical heatingand hydraulic system - Specification
2	DOC.FAD 20(1744)	Draft Indian Standard - Cotton seed delintingmachinery - Buffing machine with air jet and nylonbrush machine - Specification
3	DOC.FAD 20(1745)	Draft Indian Standard - Cotton seed delintingmachinery - Ammonia cotton seed neutralizer machinewith ammonia vaporizer - Specification
4	DOC.FAD 20(1746)	Draft Indian Standard - Cotton seed delintingmachinery - Pollution control system with scrubber,cyclone, chimney, hoods and ducting - Specification
5	DOC.FAD 20(1747)	Draft Indian Standard - Cotton seed delintingmachinery - HCL gas generation unit - Specification
6	DOC.FAD 20(1838)	Draft Indian Standard - Manual groundnutdecorticator - Method of test

DRAFT STANDARDS COMPLETED WIDE CIRCULATION

Sl. No.	IS Number DOC Number	Title
1	DOC.FAD 20(1839)	Draft Indian Standard - Mobile agro processing units -Safety requirements

ASPECT WISE REPORT

Sl. No.	Details	Tot Reports
1	PRODUCT	29
2	METHODS OF TEST	14
3	CODES OF PRACTICES	4
4	TERMINOLOGY	3
5	SYMBOLS	1
6	OTHERS	2
TOTAL		148

**** INDICATES STANDARDS UNDER REVISION***

***** INDICATES STANDARDS TO BE REVISED***

/ INDICATES DUAL NUMBER STANDARDS

| INDICATES EQUIVALENT STANDARDS