

BUREAU OF INDIAN STANDARDS

Program of Work

FAD 2 : Sugar Industry

Scope: Standardization in the field of sugars and by products of sugar industry; Sugar laboratories and sugar godowns; Sugar machinery, equipment and its components, molasses tanks and other such items; Layout plans for sugar factories including general layout for sugar factories; quality control area and sugar handling and packing area; Test methods of sugar products; sweeteners produced by the sugar industries and Speciality sugars such as golden brown sugar, sulphur less sugar etc.

Liaison:

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 11102:2023	GLASS BOTTLES FOR SUGAR STANDARDS SPECIFICATION First Revision		-	Indigenous
2	IS 11201:2018 Reviewed In : 2023	Cane crushing rollers for sugar industry - Specification (First Revision)	August, 2023	-	Indigenous
3	IS 11238:2023	Hubs for Cane Knives $i_{\frac{1}{2}}$ Specification (First Revision)		-	Indigenous
4	IS 11492:2023	ROTARY VACUUM FILTER SCREENS FOR SUGAR INDUSTRY SPECIFICATION First Revision		-	Indigenous
5	IS 1151:2021	Refined sugar - Specification Second Revision		-	Indigenous
6	IS 1152:2022	Icing sugar - Specification Second Revision		-	Indigenous
7	IS 11604:1986 Reviewed In : 2020	Specification for woven (Mesh) type supporting screens for continuous centrifugal machines used in sugar industry	August, 2020	-	Indigenous
8	IS 11605:2018 Reviewed In : 2023	Specification for woven (Mesh) type supporting liners for batch type centrifugal machines used in sugar industry (First Revision)	August, 2023	-	Indigenous
9	IS 1162:2021	Cane Molasses		-	Indigenous
10	IS 1168:2020 Reaffirmed but not taken up for revision	Cube Sugar — Specification (Second Revision)	-	-	Indigenous
11	IS 12198:2023	Sprockets for Sugar Industry $i_{\frac{1}{2}}$		-	Indigenous

		Specification (First Revision)			
12	IS 12906:2023	MISRI SPECIFICATION (First Revision)		-	Indigenous
13	IS 12923:1990 Reviewed In : 2023	Cane gur (Jaggery) - Specification	August, 2023	3	Indigenous
14	IS 12924:2023	BURA- Specification		-	Indigenous
15	IS 12935:2023	RECOMMENDED INDUSTRIAL SCREENSWIRE NETTING FOR GRADING SUGAR SPECIFICATIOIN First Revision		-	Indigenous
16	IS 13316:2023	WELDED AUSTENITIC STAINLESS-STEEL TUBES FOR HEAT EXCHANGERS FOR THE SUGAR INDUSTRY SPECIFICATION First Revision		-	Indigenous
17	IS 13929:2021	STAINLESS STEEL DECKING PLATES FOR CANE MUD FILTERS SPECIFICATION		-	Indigenous
18	IS 13952:2018 Reviewed In : 2023	Palm jaggery (Gur) - Specification (First Revision)	August, 2023	-	Indigenous
19	IS 13953:1994 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Khandsari - Specification	August, 2023	2	Indigenous
20	IS 14350:2023	CODE FOR HYGIENIC CONDITIONS FOR SUGAR FACTORIES		-	Indigenous
21	IS 14400:2023	PALM SUGAR SPECIFICATION First Revision		-	Indigenous
22	IS 14667:2018 Reviewed In : 2023	Conveyor chains and slats used in sugar industry - Specification (First Revision)	August, 2023	-	Indigenous
23	IS 14668:2021	SUPPORTING SCREEN AND CENTRIFUGAL LINERS FOR VARIOUS TYPES OF CENTRIFUGAL MACHINES- SPECIFICATION		-	Indigenous
24	IS 15279:2003 Reviewed In : 2023	Sugar and sugar products - Methods of test	April, 2023	1	Indigenous
25	IS 16056:2013 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Liquid sugar - Specification	August, 2023	-	Indigenous
26	IS 16734:2018	Demerara sugar - Specification		-	Indigenous
27	IS 19199:2025	SUGAR CANE JUICE SCREENS SPECIFICATION		-	Indigenous
28	IS 4772:2019	Code of practice for construction of sugar godowns (Second Revision)		-	Indigenous
29	IS 498:2018 Reviewed In : 2023	Grading for vacuum pan (Plantation White And Refined) sugar (Sixth Revision)	August, 2023	-	Indigenous
30	IS 5521:2022	SPECIFICATION FOR STEEL		-	Indigenous

		TANKS FOR STORAGE OF MOLASSES			
31	IS 5527:2024	Layout Plan for Sugar Factory Laboratories (First Revision)		-	Indigenous
32	IS 5975:2020 Reaffirmed but not taken up for revision	Raw Sugar — Specification (Second Revision)	-	1	Indigenous
33	IS 5982:2003 Reviewed In : 2023	Plantation white sugar - Specification (First Revision)	August, 2023	3	Indigenous
34	IS 7424:2019	Photoelectric Reflectance Method for Measurement of Whiteness of Plantation White Sugar in Solid State (Second Revision)		-	Indigenous
35	IS 8236:2019	Slats for cane carriers - Specification (Second Revision)		-	Indigenous
36	IS 8461:1987 Reviewed In : 2024	Specification for cane knives (First Revision)	June, 2024	-	Indigenous

Standards under Development

Projects Approved		
SI. No.	Doc No.	Title
No Records Found		

Preliminary Draft Standards		
SI. No.	Doc No.	Title
No Records Found		

Drafts Standards in WC Stage		
SI. No.	Doc No.	Title
No Records Found		

Draft Standards Completed WC Stage		
SI. No.	Doc No.	Title
1	FAD 2 (27597)	SUGARS - METHODS OF TEST

Finalized Draft Indian Standard		
SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standards under Print		
SI. No.	Doc No.	Title
1	FAD 2 (28468)	Raw Sugar Specification Second Revision Amendment - 2

Total Published Standards:34	Total Standards Under development:2
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Aspect Wise Report

Product : 31
 Code of Practices : 3
 Methods of Test : 1
 Terminology : 0
 Dimensions : 0
 System Standard : 0
 Safety Standard : 0
 Others : 0
 Service Specification : 0
 Process Specification : 0
 Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 11090:1984 Reviewed In : 1995	Self-discharging Type Centrifugal Liners for A and B Masseccutes of Sugar Industry
2	IS 11190:1985 Reviewed In : 1995	Continuous Centrifugal Liners for B and C Masseccutes of Sugar Industry
3	IS 11481:1985 Reviewed In : 1995	Supporting Liners for Batch Type Centrifugal Machines for Sugar Industry
4	IS 11482:1985 Reviewed In : 2001	Supporting Screens for Continuous Centrifugal Machines for Sugar Industry
5	IS 1679:1960 Reviewed In : 1999	Sugar Used in Food Preservation Industry
6	IS 498:2003 Reviewed In : 2013 61076-4-105	Grading for Vacuum Pan Plantation White Sugar
7	IS 499:1958	Classification of commercial timbers and their zonal distribution
8	IS 8465:1990 Reviewed In : 1995	Cane-Carrier Chains
9	IS 8466:1990 Reviewed In : 1995	Bagasse Carrier Chains
10	IS 9054:1983 Reviewed In : 1995	Inter-Carrier Slats
11	IS 9069:1979 Reviewed In : 1995	Inter-Carrier Chains
12	IS 9952:1981 Reviewed In : 1995	Batch Type Centrifugal Liner for Final Masseccuite of Sugar Industry

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 11102:2023	GLASS BOTTLES FOR SUGAR STANDARDS SPECIFICATION First Revision
2	IS 11201:2018 Reviewed In : 2023	Cane crushing rollers for sugar industry - Specification First Revision
3	IS 11238:2023 ISO 11930 : 2019	Hubs for Cane Knives Specification First Revision
4	IS 11492:2023	ROTARY VACUUM FILTER SCREENS FOR SUGAR INDUSTRY SPECIFICATION First Revision
5	IS 1151:2021 ISO 20771:2020	Refined sugar - Specification Second Revision
6	IS 1152:2022	Icing sugar - Specification Second Revision

7	IS 11604:1986 Reviewed In : 2020	Specification for woven Mesh type supporting screens for continuous centrifugal machines used in sugar industry
8	IS 11605:2018 Reviewed In : 2023	Specification for woven Mesh type supporting liners for batch type centrifugal machines used in sugar industry First Revision
9	IS 1162:2021 ISO 31022:2020	Cane Molasses
10	IS 1168:2020 Reaffirmed but not taken up for revision	Cube Sugar Specification Second Revision
11	IS 12198:2023	Sprockets for Sugar Industry Specification First Revision
12	IS 12906:2023	MISRI SPECIFICATION First Revision
13	IS 12923:1990 Reviewed In : 2023	Cane gur Jaggery - Specification
14	IS 12924:2023 ISO 10263-1 : 2009	BURA- Specification
15	IS 12935:2023 ISO 14839-3:2006	RECOMMENDED INDUSTRIAL SCREENSWIRE NETTING FOR GRADING SUGAR SPECIFICATIOIN First Revision
16	IS 13316:2023 ISO 20928	WELDED AUSTENITIC STAINLESS-STEEL TUBES FOR HEAT EXCHANGERS FOR THE SUGAR INDUSTRY SPECIFICATION First Revision
17	IS 13929:2021 ISO 230-10 : 2016	STAINLESS STEEL DECKING PLATES FOR CANE MUD FILTERS SPECIFICATION
18	IS 13952:2018 Reviewed In : 2023	Palm jaggery Gur - Specification First Revision
19	IS 13953:1994 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Khandsari - Specification
20	IS 14400:2023 ISO 2144 : 2019	PALM SUGAR SPECIFICATION First Revision
21	IS 14667:2018 Reviewed In : 2023	Conveyor chains and slats used in sugar industry - Specification First Revision
22	IS 14668:2021 ISO 18692-3 : 2020	SUPPORTING SCREEN AND CENTRIFUGAL LINERS FOR VARIOUS TYPES OF CENTRIFUGAL MACHINES- SPECIFICATION
23	IS 16056:2013 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Liquid sugar - Specification
24	IS 16734:2018	Demerara sugar - Specification
25	IS 19199:2025	SUGAR CANE JUICE SCREENS SPECIFICATION
26	IS 5521:2022 DIN 51130	SPECIFICATION FOR STEEL TANKS FOR STORAGE OF MOLASSES
27	IS 5975:2020 Reaffirmed but not taken up for revision	Raw Sugar Specification Second Revision
28	IS 5982:2003 Reviewed In : 2023	Plantation white sugar - Specification First Revision
29	IS 7424:2019	Photoelectric Reflectance Method for Measurement of Whiteness of Plantation White Sugar in

		Solid State Second Revision
30	IS 8236:2019	Slats for cane carriers - Specification Second Revision
31	IS 8461:1987 Reviewed In : 2024	Specification for cane knives First Revision