

## 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 <span style="color: green;">Reviewed In : 2023</span>	Cane crushing rollers for sugar industry - Specification (First Revision)	August, 2023	-	Indigenous
3	IS 11238:2023	Hubs for Cane Knives $i_c/2$ 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 <span style="color: green;">Reviewed In : 2020</span>	Specification for woven (Mesh) type supporting screens for continuous centrifugal machines used in sugar industry	August, 2020	-	Indigenous
8	IS 11605:2018 <span style="color: green;">Reviewed In : 2023</span>	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 $i_c/2$		-	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 SCREENWIRE 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 15279:2026	SUGAR - METHODS OF TEST		-	Indigenous
25	IS 15279:2003 Reviewed In : 2023	Sugar and sugar products - Methods of test	April, 2023	1	Indigenous
26	IS 16056:2013 Reviewed In : 2023 Decision taken to Reaffirm and Archive	Liquid sugar - Specification	August, 2023	-	Indigenous
27	IS 16734:2018	Demerara sugar - Specification		-	Indigenous
28	IS 19199:2025	SUGAR CANE JUICE SCREENS SPECIFICATION		-	Indigenous
29	IS 4772:2019	Code of practice for construction of sugar godowns (Second Revision)		-	Indigenous
30	IS 498:2018	Grading for vacuum pan (Plantation White And Refined)	August, 2023	-	Indigenous

	Reviewed In : 2023	sugar (Sixth Revision)			
31	IS 5521:2022	SPECIFICATION FOR STEEL TANKS FOR STORAGE OF MOLASSES		-	Indigenous
32	IS 5527:2024	Layout Plan for Sugar Factory Laboratories (First Revision)		-	Indigenous
33	IS 5975:2020  Reaffirmed but not taken up for revision	Raw Sugar $i_c/2$ Specification ( Second Revision ) Amendment - 2	-	2	Indigenous
34	IS 5982:2003 Reviewed In : 2023	Plantation white sugar - Specification (First Revision)	August, 2023	3	Indigenous
35	IS 7424:2019	Photoelectric Reflectance Method for Measurement of Whiteness of Plantation White Sugar in Solid State ( Second Revision )		-	Indigenous
36	IS 8236:2019	Slats for cane carriers - Specification (Second Revision)		-	Indigenous
37	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
<i>No Records Found</i>		

#### Preliminary Draft Standards

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Drafts Standards in WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
<i>No Records Found</i>		

#### Finalized Draft Indian Standard

SI. No.	Doc No.	Title
1	FAD 2 (28468)	Raw Sugar Specification Second Revision Amendment - 2
2	FAD 2 (33282)	Specification for cane knives First Revision

#### Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	FAD 2 (02321) <span style="color: green;">Revision of:</span> <span style="color: green;">IS 4772:2019</span>	Code of practice for construction of sugar godowns

2	FAD 2 (02489) Revision of: IS 13952:2018	Palm Jaggery GUR
3	FAD 2 (02488)	Cane GUR Jaggery Amendment - 4
4	FAD 2 (02472) Revision of: IS 498:2018	Grading for Vacuum Pan Plantation White Sugar
5	FAD 2 (02918)	DEMERARA SUGAR SPECIFICATION
6	FAD 2 (02917)	Plantation White Sugar Amendment - 3
7	FAD 2 (12148) Revision of: IS 11102:1984	SPECIFICATION FOR CANE CRUSHING POLLERS FOR SUGAR INDUSTRY
8	FAD 2 (12149) Revision of: IS 11605:2018	SPECIFICATION FOR WOVEN MESH TYPE SUPPORTING LINERS FOR BATCH TYPE CENTRIFUGAL MACHINES USED IN SUGAR INDUSTRY
9	FAD 2 (12150) Revision of: IS 13929:1993	STAINLESS STEEL DECKING PLATES FOR CANE MUD FILTERS SPECIFICATION
10	FAD 2 (12151) Revision of: IS 14667:2018	CONVEYOR CHAINS AND SLATS USED IN SUGAR INDUSTRY SPECIFICATION
11	FAD 2 (12152) Revision of: IS 14668:1999	SUPPORTING SCREEN AND CENTRIFUGAL LINERS FOR VARIOUS TYPES OF CENTRIFUGAL MACHINES- SPECIFICATION
12	FAD 2 (12153) Revision of: IS 5521:1980	SPECIFICATION FOR STEEL TANKS FOR STORAGE OF MOLASSES
13	FAD 2 (12154) Revision of: IS 8236:2019	SLATS FOR CANE CARRIERS SPECIFICATION
14	FAD 2 (12262) Revision of: IS 1162:1958	Cane Molasses
15	FAD 2 (12263) Revision of: IS 1168:2020	Cube Sugar
16	FAD 2 (12264) Revision of: IS 7424:2019	Photoelectric reflectance method for measurement of whiteness of plantation white Sugar in solid State
17	FAD 2 (12265) Revision of: IS 13952:2018	Palm Jaggery Gur
18	FAD 2 (13613) Revision of: IS 7424:2019	Photoelectric Reflectance Method For Measurement of Whiteness of Plantation White Sugar in Solid State Second Revision
19	FAD 2 (15107) Revision of: IS 1151:2003	Refined sugar - Specification Second Revision
20	FAD 2 (15109) Revision of: IS 1152:2003	Icing sugar - Specification Second Revision
21	FAD 2 (15110) Revision of: IS 5975:2020	Raw sugar - Specification First Revision
22	FAD 2 (17363) Revision of: IS 12935:1990	RECOMMENDED INDUSTRIAL SCREENSWIRE NETTING FOR GRADING SUGAR SPECIFICATIOIN First Revision
23	FAD 2 (17368) Revision of: IS 13316:1992	WELDED AUSTENITIC STAINLESS-STEEL TUBES FOR HEAT EXCHANGERS FOR THE SUGAR INDUSTRY SPECIFICATION First Revision
24	FAD 2 (19226) Revision of: IS 12924:1990	BURA- Specification
25	FAD 2 (19227) Revision of: IS 12906:1990	MISRI SPECIFICATION First Revision
26	FAD 2 (19236) Revision of: IS 14400:1996	PALM SUGAR SPECIFICATION First Revision
27	FAD 2 (19237) Revision of: IS 11102:1984	GLASS BOTTLES FOR SUGAR STANDARDS SPECIFICATION First Revision
28	FAD 2 (19242) Revision of: IS 11492:1985	ROTARY VACUUM FILTER SCREENS FOR SUGAR INDUSTRY SPECIFICATION First Revision
29	FAD 2 (20562) Revision of: IS 11238:1985	Hubs for Cane Knives Specification First Revision
30	FAD 2 (20565) Revision of: IS 12198:1987	Sprockets for Sugar Industry Specification First Revision
31	FAD 2 (21933) Revision of: IS 14350:1996	CODE FOR HYGIENIC CONDITIONS FOR SUGAR FACTORIES
32	FAD 2 (23458) Revision of: IS 5527:1969	LAYOUT PLAN FOR SUGAR FACTORY LABORATORIES First Revision

33	FAD 2 (26167)	SUGAR CANE JUICE SCREENS SPECIFICATION
34	FAD 2 (26190)	Raw Sugar Specification Second Revision Amendment - 1
35	FAD 2 (27597) Revision of: IS 15279:2003	SUGAR - METHODS OF TEST
36	FAD 2 (33286)	WOVEN MESH TYPE SUPPORTING SCREENS FOR CONTINUOUS CENTRIFUGAL MACHINES USED IN SUGAR INDUSTRY SPECIFICATION
37	FAD 2 (33467)	Icing sugar - Specification Second Revision

**Total Published Standards:34 Total Standards Under development:39**

### 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 Masseccute 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
		Cane crushing rollers for sugar industry - Specification First Revision

2	IS 11201:2018  Reviewed In : 2023	
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 Amendment - 2
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