

## 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	Cube Sugar — Specification ( Second Revision )	-	-	Indigenous
11	IS 12198 : 2023	Sprockets for Sugar Industry $i_{\frac{1}{2}}$ Specification ( First Revision )		-	Indigenous
12	IS 12906 : 2023	MISRI SPECIFICATION (First Revision)		-	Indigenous

13	IS 12923 : 1990 Reviewed In : 2018	Cane gur (Jaggery) - Specification	April, 2018	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	Palm jaggery (Gur) - Specification (First Revision)		-	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	Conveyor chains and slats used in sugar industry - Specification (First Revision)		-	Indigenous
23	IS 14668 : 2021	SUPPORTING SCREEN AND CENTRIFUGAL LINERS FOR VARIOUS TYPES OF CENTRIFUGAL MACHINES- SPECIFICATION		-	Indigenous
24	IS 15279 : 2003 Reviewed In : 2018	Sugar and sugar products - Methods of test	April, 2018	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 4772 : 2019	Code of practice for construction of sugar godowns (Second Revision)		-	Indigenous
28	IS 498 : 2018 Reviewed In : 2018	Grading for vacuum pan (Plantation White And Refined) sugar (Sixth Revision)	-	-	Indigenous
29	IS 5521 : 2022	SPECIFICATION FOR STEEL TANKS FOR STORAGE OF MOLASSES		-	Indigenous
30	IS 5527 : 1969 Reviewed In : 2020	Layout plan for sugar factory laboratories	August, 2020	-	Indigenous
31	IS 5975 : 2020	Raw Sugar — Specification (	-	-	Indigenous

		Second Revision )			
32	IS 5982 : 2003 Reviewed In : 2018	Plantation white sugar - Specification (First Revision)	April, 2018	3	Indigenous
33	IS 7424 : 2019	Photoelectric Reflectance Method for Measurement of Whiteness of Plantation White Sugar in Solid State ( Second Revision )		-	Indigenous
34	IS 8236 : 2019	Slats for cane carriers - Specification (Second Revision)		-	Indigenous
35	IS 8461 : 1987 Reviewed In : 2019	Specification for cane knives (First Revision)	April, 2019	-	Indigenous

### Standards under Development

#### Projects Approved

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

#### Preliminary Draft Standards

SI. No.	Doc No.	Title
1	FAD 2 (26167)	SUGAR CANE JUICE SCREENS SPECIFICATION

#### Drafts Standards in WC Stage

SI. No.	Doc No.	Title
1	FAD 2 (26190)	Raw Sugar Specification Second Revision Amendment - 1

#### Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	FAD 2 (23458)	LAYOUT PLAN FOR SUGAR FACTORY LABORATORIES First Revision

#### Finalized Draft Indian Standard

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

#### Finalized Draft Indian Standards under Print

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

**Total Published Standards:34 Total Standards Under development:3**

### Aspect Wise Report

Product : 30  
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
2	IS 11201 : 2018 Reviewed In : 2023	Cane crushing rollers for sugar industry - Specification First Revision
3	IS 11238 : 2023	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	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 : 2018	Cane gur Jaggery - Specification
14	IS 12924 : 2023	BURA- Specification
15	IS 12935 : 2023	RECOMMENDED INDUSTRIAL SCREENSWIRE NETTING FOR GRADING SUGAR SPECIFICATIOIN First Revision
16	IS 13316 : 2023	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	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	PALM SUGAR SPECIFICATION First Revision
21	IS 14667 : 2018	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 5521 : 2022 DIN 51130	SPECIFICATION FOR STEEL TANKS FOR STORAGE OF MOLASSES
26	IS 5975 : 2020	Raw Sugar Specification Second Revision
27	IS 5982 : 2003 Reviewed In : 2018	Plantation white sugar - Specification First Revision
28	IS 7424 : 2019	Photoelectric Reflectance Method for Measurement of Whiteness of Plantation White Sugar in Solid State Second Revision
29	IS 8236 : 2019	Slats for cane carriers - Specification Second Revision
30	IS 8461 : 1987 Reviewed In : 2019	Specification for cane knives First Revision