## **BUREAU OF INDIAN STANDARDS**

## Program of Work

#### **PGD 38: Metal Containers**

Scope: Standardization in the field of metal containers Liaison: **ISO TC-52 (O):** *Light gauge metal containers* 

### **Published Standards**

1	IS 10325 : 2000				Eqv.
		Square tins 15 kg/litre for ghee,	August, 2016	-	Indigenous
1	Reviewed In: 2016	vanaspati, edible oils and bakery			
		shortenings Specification			
		(Second Revision)			
2	IS 10339 : 2000	Ghee, vanaspati, edible oil tins up	August, 2016	-	Indigenous
	Reviewed In: 2016	to 10 kg/litre capacity			
	¥8.110=0. 40:5	Specification (Second Revision)			
3	IS 11078 : 2012	Round open top sanitary cans for	August, 2020	-	Indigenous
	Reviewed In: 2020	milk powder Specification			
1	IC 11070 1004	(Second Revision)	0-4-1- 2010		T., 45.
4	IS 11079 : 1984	Specification for metal cans for	October, 2018	-	Indigenous
	Reviewed In : 2018	pan masala and zarda	Octobr :: 2010		In diagram
5	IS 11104 : 2012	Glossary of terms relating to open	October, 2018	-	Indigenous
	Reviewed In : 2018 IS 12219 : 1987	top sanitary cans (First Revision)	August 2016	+	Indiana
6	18 12219 : 1987 Reviewed In : 2016	Methods of determination of gross - Lidded capacity of open top	August, 2016	-	Indigenous
	Keviewed III: 2016	- Lidded capacity of open top sanitary cans			
7	IS 12340 : 1988	Specification for round open top	August, 2016	1	Indigenous
	Reviewed In : 2016	aluminium containers for liquid	August, 2010	1	margenous
	Reviewed III . 2010	pesticides			
8	IS 1394 : 1984	Glossary of terms relating to metal	August, 2016	1	Indigenous
	Reviewed In: 2016	containers (Third Revision)	1105000, 2010		11115011040
9	IS 13997 : 2014	Drums, large open top		_	Indigenous
-		Specification (First Revision)			67
10	IS 1406 : 1995	Rectangular tins for liquids	August, 2016	-	Indigenous
	Reviewed In: 2016	Specification (Fourth Revision)	<u> </u>		-
11	IS 1407 : 1980	Specification for round paint tins	August, 2016	-	Indigenous
	Reviewed In: 2016	(Second Revision)			
12	IS 14407 : 2023	Aluminium cans for beverages		-	Indigenous
		Specification (first revision)			
13	IS 1783 (Part 1):	Drums large, fixed ends	-	1	Not Equivalent
	2014	Specification: Part 1 Grade A			
	ISO 15750-1:2002	drums (Fourth Revision)			
14	IS 1783 (Part 2):	Drums large, fixed ends		1	Not Equivalent
	2014	Specification: Part 2 Grade B			
	ISO 15750-2:2002	drums (Fourth Revision)			
15	IS 1784 : 2020	Screwed Closures for Drums —	-	-	Not Equivalent
		Specification ( Fourth Revision )			
	ISO 15750-3:2002				

16	IS 18285 : 2023	Aluminium cans for packaged		-	Indigenous
		natural mineral water and packaged drinking water Specification			
17	IS 18317 : 2024	Lacquers and decorative finishes			Indigenous
1/	15 16517 : 2024	for three piece round open top		-	indigenous
		metal cans for foods and beverages			
		Specification			
18	IS 18800 : 2023	Stainless steel feeding bottle for			Indigenous
10	13 10000 . 2023	infants Specification		-	margenous
19	IS 1994 : 1987	Specification for crown closures	August, 2016		Indigenous
19	Reviewed In : 2016	(Second Revision)	August, 2010	-	margenous
20	IS 2034 : 2012	, ,	October, 2018		In diagnoses
20		Round open top sanitary cans for	October, 2018	-	Indigenous
	Reviewed In: 2018	butter and cheese Specification			
21	IC 2007 1000	(Second Revision)	1 2016	1	Y 11
21	IS 2087 : 1988	Specification for square tins for	August, 2016	1	Indigenous
<u></u>		general purposes (Third Revision)	0 1 2010		
22	IS 2123 : 1977	Specification for vial (Goldie) seals	October, 2018	-	Indigenous
	Reviewed In: 2018	(First Revision)			=
23	IS 2134 : 1981	Specification for round tins for	August, 2016	1	Indigenous
	Reviewed In: 2016	general purposes (Second			
		Revision)			
24	IS 2471 : 1963	Methods of test for metal	August, 2016	-	Indigenous
	Reviewed In: 2016	containers			
25	IS 2474 : 1982	Specification for metal closures for	August, 2016	3	Not Equivalent
	Reviewed In: 2016	drums (First Revision)			
	ISO 4064-1:2014				
	ISO 4064-4:2014				
26	IS 2552 : 1989	Steel drums (galvanized and	October, 2018	1	Indigenous
	Reviewed In: 2018	ungalvanized) Specification			_
		(Third Revision)			
27	IS 3101 : 1995	Aluminium collapsible tubes	October, 2018	-	Indigenous
	Reviewed In: 2018	Specification (Second Revision)			
28	IS 3259 : 1966	Methods for sampling of metal	August, 2016	-	Indigenous
	Reviewed In: 2016		<i>C</i> ,		
29	IS 3286 : 1980	Specification for round grease tins	August, 2016	-	Indigenous
	Reviewed In: 2016	_	<i>C</i> ,		
30	IS 3575 : 1993	Bitumen drums Specification	August, 2016	2	Indigenous
	Reviewed In: 2016	(Third Revision)			
31	IS 3603 : 1988	Specification for seamless	August, 2016	_	Indigenous
		aluminium bottles (First Revision)			
32	IS 3680 : 1987	Specification for round printing	August, 2016	_	Indigenous
52	Reviewed In: 2016	ink containers (First Revision)	1148450, 2010		maigenous
33	IS 4638 : 1981	Specification for seamless	August, 2016	_	Indigenous
	Reviewed In : 2016	rectangular fish cans (First	1105000, 2010		maigonous
	130 viewed iii . 2010	Revision)			
34	IS 5241 : 1987	Specification for shoe polish	August, 2016	1	Indigenous
5-	Reviewed In : 2016		1145431, 2010	1	maigonous
35	IS 5682 : 1991	Open top drums and kegs	August, 2016	_	Indigenous
	Reviewed In : 2016	Specification (Second Revision)	11ugust, 2010		muigonous
36	IS 6941 : 1973	Methods for sampling metal	August, 2019		Indigenous
30	Reviewed In : 2019	closures	August, 2019	-	murgenous
37	IS 7182 : 1973	Methods of tests for aluminium	August, 2019	_	Indigenous
) )			August, 2019	_	murgenous
20	Reviewed In: 2019 IS 7852: 1975		August 2010		Indianass
38		Specification for eye ointment	August, 2019	-	Indigenous
20	Reviewed In : 2019	tubes, small	A 2010	1	To 3!
39	IS 8393 : 1977	Specification for roll seal	August, 2019	1	Indigenous
40	Reviewed In : 2019	pilferproof closures	4 . 2015		T 1'
40	IS 8449 : 1999	Non-returnable metal aerosol	August, 2016	-	Indigenous
	Reviewed In: 2016	dispensers Specification (First			
•	•			•	•

		Revision)			
41	IS 8469 : 1977	Methods of tests for flammability	October, 2018	-	Indigenous
	Reviewed In: 2018	of aerosol products			_
42	IS 8932 : 1978	Specification for preformed metal	October, 2018	-	Indigenous
	Reviewed In: 2018	screw caps for glass containers			
43	IS 8933 : 1978	Specification for mess tins	August, 2016	-	Indigenous
	Reviewed In: 2016				
44	IS 8996 : 1988	Specification for 20-litre steel	August, 2016	-	Indigenous
	Reviewed In: 2016	jerricans (First Revision)			
45	IS 916 : 2000	Square tins for solid products	August, 2016	-	Indigenous
	Reviewed In: 2016	Specification (Fourth Revision)			
46	IS 9209 : 1979	Method of test for the	August, 2016	-	Indigenous
	Reviewed In: 2016	compatibility of aerosol products			
		with the metal aerosol dispensers			
47	IS 9396 (Part 1):	Specification for round open top	August, 2016	-	Indigenous
	1987	sanitary cans for foods and drinks:			
	Reviewed In: 2016	Part 1 Tinplate (First Revision)			
48	IS 9396 (Part 2):	Round open top sanitary cans for	October, 2018	-	Indigenous
	2012	foods and drinks Specification:			
	Reviewed In: 2018	Part 2 Sizes and general			
		requirements (Second Revision)			
49	IS 9445 : 1980	Specification for aluminium	August, 2016	1	Indigenous
	Reviewed In: 2016	containers for packing of liquid			
		pesticides (capacity 5 litres and			
		above)			
50	IS 9503 : 1988	Specification for aluminum bottles	August, 2016	1	Indigenous
	Reviewed In: 2016	for liquid pesticides (First			
		Revision)			
51	IS 9634 : 1980	Specification for aerosol valve	August, 2016	-	Indigenous
	Reviewed In: 2016	25.4 mm diameter			
52	IS 9635 : 1980	Methods for sampling of aerosol	August, 2016	-	Indigenous
	Reviewed In: 2016	valves			
53	IS 9976 : 1981	Method of sampling of open top	August, 2016	-	Indigenous
	Reviewed In: 2016	sanitary (OTS) cans			
54	IS 9991 : 1981	Specification for condensed milk	August, 2016	-	Indigenous
	Reviewed In: 2016	cans			
55	IS 9992 : 1991	Round and rectangular tinplate	August, 2016	1	Indigenous
	Reviewed In: 2016	cans for liquid pesticides			
		Specification (First Revision)			

# **Standards under Development**

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

Preliminary Draft Standards		
SI. No.	Doc No.	Title
1	PGD 38 (25148)	Tinplate conical pails and cylindrical drums Specification

Drafts Standards in WC Stage			
SI. No.	Doc No.	Title	
1	PGD 38 (24487) Revision	Metal closures for drums Specification second revision	
	of: IS 2474:1982		
2	PGD 38 (24488) Revision	Steel drums galvanized and ungalvanized Specification fourth revision	

		of: IS 2552:1989	
ſ	3	PGD 38 (24489) Revision	Bitumen drums Specification fourth revision
I		of: IS 3575:1993	

		Draft Standards Completed WC Stage	
SI. No.	Doc No.	Title	
No Records Found			

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

Finalized Draft Indian Standards under Print		
SI. No.	Doc No.	Title
1	PGD 38 (19358)	Three Piece Round Open Top Metal Cans for Foods and Beverages Specification

Total Published Standards:52 Total Standards Under development:5

### **Aspect Wise Report**

Product: 44
Code of Practices: 3
Methods of Test: 5
Terminology: 2
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 1784 : 1998	Screwed closures for drums Specification Fourth Revision
	Reviewed In: 2016 ISO	
	5418-1	

#### **Annexure-II : List of Indian Product Standards**

SI. No.	IS No. & Year	Title
1	IS 10325 : 2000	Square tins 15 kg litre for ghee vanaspati edible oils and bakery shortenings Specification
	Reviewed In: 2016	Second Revision
2	IS 10339 : 2000	Ghee vanaspati edible oil tins up to 10 kg litre capacity Specification Second Revision
	Reviewed In: 2016	
3	IS 11078 : 2012	Round open top sanitary cans for milk powder Specification Second Revision
	Reviewed In: 2020	
4	IS 11079 : 1984	Specification for metal cans for pan masala and zarda
	Reviewed In: 2018	
5	IS 12340 : 1988	Specification for round open top aluminium containers for liquid pesticides
	Reviewed In: 2016	
6	IS 13997 : 2014	Drums large open top Specification First Revision
7	IS 1406 : 1995	Rectangular tins for liquids Specification Fourth Revision

I	Reviewed In: 2016	
8	IS 1407 : 1980	Specification for round paint tins Second Revision
	Reviewed In: 2016	
9	IS 14407 : 2023	Aluminium cans for beverages Specification first revision
10	IS 1783 (Part 1) : 2014 ISO 15750-1:2002	Drums large fixed ends Specification Part 1 Grade A drums Fourth Revision
11	IS 1783 (Part 2) : 2014 ISO 15750-2:2002	Drums large fixed ends Specification Part 2 Grade B drums Fourth Revision
12	IS 18285 : 2023	Aluminium cans for packaged natural mineral water and packaged drinking water Specification
13	IS 18317 : 2024	Lacquers and decorative finishes for three piece round open top metal cans for foods and beverages Specification
14	IS 18800 : 2023	Stainless steel feeding bottle for infants Specification
15	IS 1994 : 1987	Specification for crown closures Second Revision
16	Reviewed In : 2016 IS 2034 : 2012	Round open top sanitary cans for butter and cheese Specification Second Revision
17	Reviewed In: 2018 IS 2087: 1988	Specification for square tins for general purposes Third Revision
	Reviewed In: 2016	
18	IS 2123 : 1977 Reviewed In : 2018	Specification for vial Goldie seals First Revision
19	IS 2134 : 1981 Reviewed In : 2016	Specification for round tins for general purposes Second Revision
20	IS 2474 : 1982 Reviewed In : 2016 ISO	Specification for metal closures for drums First Revision
	4064-1:2014 ISO	
21	4064-4:2014	
21	IS 2552 : 1989 Reviewed In : 2018	Steel drums galvanized and ungalvanized Specification Third Revision
22	IS 3101 : 1995	Aluminium collapsible tubes Specification Second Revision
	Reviewed In: 2018	
23	IS 3286 : 1980 Reviewed In : 2016	Specification for round grease tins First Revision
24	IS 3575 : 1993	Bitumen drums Specification Third Revision
25	Reviewed In : 2016	
25	IS 3603 : 1988 Reviewed In : 2016	Specification for seamless aluminium bottles First Revision
26	IS 3680 : 1987	Specification for round printing ink containers First Revision
27	Reviewed In : 2016	Constitution for a second and the first and First Provider
27	IS 4638 : 1981 Reviewed In : 2016	Specification for seamless rectangular fish cans First Revision
28	IS 5241 : 1987	Specification for shoe polish containers First Revision
	Reviewed In: 2016	
29	IS 5682 : 1991 Reviewed In : 2016	Open top drums and kegs Specification Second Revision
30	IS 7852 : 1975	Specification for eye ointment tubes small
31	Reviewed In: 2019 IS 8393: 1977	Specification for roll coal milformucof alcourse
31	Reviewed In : 2019	Specification for roll seal pilferproof closures
32	IS 8449 : 1999 Reviewed In : 2016	Non-returnable metal aerosol dispensers Specification First Revision
33	IS 8932 : 1978	Specification for preformed metal screw caps for glass containers
34	Reviewed In: 2018  IS 8933: 1978	Specification for mess tins
35	Reviewed In : 2016 IS 8996 : 1988	Specification for 20-litre steel jerricans First Revision
	Reviewed In: 2016	

36	IS 916 : 2000	Square tins for solid products Specification Fourth Revision
	Reviewed In: 2016	
37	IS 9396 (Part 1): 1987	Specification for round open top sanitary cans for foods and drinks Part 1 Tinplate First Revision
	Reviewed In: 2016	
38	IS 9396 (Part 2): 2012	Round open top sanitary cans for foods and drinks Specification Part 2 Sizes and general
	Reviewed In: 2018	requirements Second Revision
39	IS 9445 : 1980	Specification for aluminium containers for packing of liquid pesticides capacity 5 litres and above
	Reviewed In: 2016	
40	IS 9503 : 1988	Specification for aluminum bottles for liquid pesticides First Revision
	Reviewed In: 2016	
41	IS 9634 : 1980	Specification for aerosol valve 25 4 mm diameter
	Reviewed In: 2016	
42	IS 9976 : 1981	Method of sampling of open top sanitary OTS cans
	Reviewed In: 2016	
43	IS 9991 : 1981	Specification for condensed milk cans
	Reviewed In: 2016	
44	IS 9992 : 1991	Round and rectangular tinplate cans for liquid pesticides Specification First Revision
	Reviewed In: 2016	