

BUREAU OF INDIAN STANDARDS

Program of Work

FAD 4 : Tobacco And Tobacco Products

Scope: Standardization in the field of a) Tobacco (excluding specifications), tobacco products; codes for seaworthy packing of tobacco and construction of tobacco barns and farming practices b) Physical and chemical methods of test for tobacco and tobacco products.

Liaison: **ISO TC-126 (P): Tobacco and tobacco products** **ISO TC-126 SC-1 (P): Physical and dimensional tests** **ISO TC-126 SC-2 (P): Leaf tobacco** **ISO TC-126 SC-3 (O): Vape and vapour products**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10335:2024	Tobacco and Tobacco Products â€” Glossary of Terms (fourth revision)		-	Indigenous
2	IS 10666:2018 <i>Reviewed In : 2023</i>	Tobacco and tobacco products - Cigarette filters - Specification (Second Revision)	February, 2023	-	Indigenous
3	IS 11820:2004 ISO 4389 <i>Reviewed In : 2024</i> <i>ISO 4389</i>	Tobacco and tobacco products - Determination of organochlorine pesticide residues - Gas chromatographic method (First Revision)	January, 2024	-	Identical under dual numbering
4	IS 12942:2018 ISO 8243 : 2013 <i>Reviewed In : 2023</i> <i>ISO 8243 : 2013</i>	Cigarettes - Sampling (Third Revision)	February, 2023	-	Identical under dual numbering
5	IS 14332:2018 <i>Reviewed In : 2023</i>	Tobacco and tobacco products - Hookah tobacco paste - Specification (First Revision)	February, 2023	-	Indigenous
6	IS 14647:2022	TOBACCO AND TOBACCO PRODUCTS - QUIWAM - SPECIFICATION		-	Indigenous
7	IS 1577:2019 <i>Reviewed In : 2024</i>	Tobacco and tobacco products - Cigarettes - Specification (Fourth Revision)	January, 2024	-	Indigenous
8	IS 1578:2018 <i>Reviewed In : 2023</i>	Tobacco and tobacco products - Smoking mixtures - Pipe tobacco - Specification (Third Revision)	March, 2023	-	Indigenous
9	IS 15795:2018 ISO 2971 : 2013 <i>Reviewed In : 2023</i> <i>ISO 2971 : 2013</i>	Cigarettes and filter rods - Determination of nominal diameter - Method using a Non-contact optical measuring apparatus (First Revision)	February, 2023	-	Identical under dual numbering
10	IS 16022:2015 ISO 3308 : 2012	Routine analytical cigarette smoking machine - Definitions and	May, 2024	-	Identical under dual numbering

	Reviewed In : 2024 ISO 3308 : 2012	standard conditions (First Revision)			
11	IS 16023:2021 4387 : 2019 4387 : 2019	Cigarettes - Determination of total and nicotine - Free dry particulate matter using a routine analytical smoking machine		-	Identical under dual numbering
12	IS 16024:2025 ISO 8454: 2024 ISO 8454: 2024	Cigarettes - Determination of carbon monoxide in the vapour phase of cigarette smoke NDIR method (first revision)		-	Identical under dual numbering
13	IS 16025:2022 ISO 10315 : 2021 ISO 10315 : 2021	Cigarettes Determination of nicotine in total particulate matter from the mainstream smoke Gas-chromatographic method		-	Identical under dual numbering
14	IS 16042 (Part 1):2021 10362-1:2019 10362-1:2019	Cigarettes - Determination of water in smoke condensates: Part 1 gas - Chromatographic method		-	Identical under dual numbering
15	IS 16042 (Part 2):2021	Cigarettes — Determination of water in total particulate matter from the mainstream smoke — Part 2: Karl Fischer method		-	Indigenous
16	IS 16121:2023 ISO 3402:2023 ISO 3402:2023	Tobacco and tobacco products Atmosphere for conditioning and testing		-	Identical under dual numbering
17	IS 16132:2014 ISO 2881 : 1992 Reviewed In : 2024 ISO 2881 : 1992	Tobacco and tobacco products - Determination of alkaloid content - Spectrometric method	March, 2024	-	Identical under dual numbering
18	IS 16133:2018 ISO 3401 : 1991 Reviewed In : 2023 ISO 3401 : 1991	Cigarettes - Determination of alkaloid retention by the filters - Spectrometric metho	February, 2023	-	Identical under dual numbering
19	IS 16134:2016 3400 Reviewed In : 2021 ISO 3400	Cigarettes - Determination of alkaloids in smoke condensates spectrometric method	February, 2021	-	Identical under dual numbering
20	IS 16235:2021 2965:2019 2965:2019	Materials used as cigarette papers filter plug wrap and filter joining paper including materials having a discrete or oriented permeable zone and materials with bands of differing permeability - Determination of air permeability		-	Identical under dual numbering
21	IS 16236:2015 ISO 2817 : 1999 Reviewed In : 2024 ISO 2817 : 1999	Tobacco and tobacco products - Determination of silicated residues insoluble in hydrochloric acid	May, 2024	-	Identical under dual numbering
22	IS 16261:2021 13276:2020 13276:2020	Tobacco and tobacco products - Determination of nicotine purity - Gravimetric method using tungstosilicic acid		-	Identical under dual numbering
23	IS 16262:2015 ISO 12195 : 1995 Reviewed In : 2024 ISO 12195 : 1995	Threshed tobacco - Determination of residual stem conten	May, 2024	-	Identical under dual numbering
24	IS 16263:2017 ISO 12194 : 1995 Reviewed In : 2021	Leaf tobacco - Determination of strip particle size	September, 2021	-	Identical under dual numbering

	ISO 12194 : 1995				
25	IS 16307:2021	Tobacco and tobacco products Cigarettes Monitor test piece Requirements and use		-	Indigenous
26	IS 16308:2022 ISO 16632:2021 ISO 16632:2021	Tobacco and Tobacco Products Determination of Water Content Gas-Chromatographic Method		-	Identical under dual numbering
27	IS 16658:2018 Reviewed In : 2023	Tobacco and tobacco products - Cigarette filters - Determination of nicotine alkaloid retention index and water retention index by gas chromatography - Direct method	February, 2023	-	Indigenous
28	IS 16779:2021 20193:2019 20193:2019	Tobacco and tobacco products - Determination of the width of the strands of cut tobacco		-	Identical under dual numbering
29	IS 16780:2018 ISO 15517 : 2013 Reviewed In : 2023 ISO 15517 : 2003	Tobacco - Determination of nitrate content - Continuous - Flow analysis method	February, 2023	-	Identical under dual numbering
30	IS 16802:2018 ISO/TS 7821 : 2005 Reviewed In : 2023 ISO/TS 7821 : 2005	Tobacco and tobacco products - Preparation and constitution of identical samples from the same lot for collaborative studies for the evaluation of test methods	March, 2023	-	Identical under dual numbering
31	IS 16832:2018 Reviewed In : 2023	Tobacco and tobacco products - Determination of total alkaloids as nicotine by continuous - Flow analysis - An alternate method eliminating use of potassium cyanide	February, 2023	-	Indigenous
32	IS 16847:2018 ISO 6565 : 2015 Reviewed In : 2023 ISO 6565 : 2015	Tobacco and tobacco products - Draw resistance of cigarettes and pressure drop of filter rods - Standard conditions and measurement	February, 2023	-	Identical under dual numbering
33	IS 16897:2018 Reviewed In : 2023	Tobacco and tobacco products - Portion packed snus - Specification	February, 2023	-	Indigenous
34	IS 17010:2018 Reviewed In : 2023	Tobacco and tobacco products - Determination of reducing and total sugars	February, 2023	-	Indigenous
35	IS 17195:2022 ISO 9512:2019 ISO 9512:2019	Cigarettes Determination of Ventilation Definitions and Measurement Principles		-	Identical under dual numbering
36	IS 17196:2023	Routine analytical cigarette smoking machine - Additional test methods for machine verification		-	Indigenous
37	IS 17197:2019 ISO 3550-1 : 1997 Reviewed In : 2024 ISO 3550-1 : 1997	Cigarettes - Determination of loss of tobacco from the ends - Method using a rotating cylindrical cage	May, 2024	-	Identical under dual numbering
38	IS 17198:2019 ISO 13110 : 2012 Reviewed In : 2024 ISO 13110 : 2012	Cigarettes - Determination of menthol in smoke condensates - Gas chromatographic method	May, 2024	-	Identical under dual numbering
39	IS 17199:2019 ISO 15154 : 2003 Reviewed In : 2024 ISO 15154 : 2003	Tobacco - Determination of the content of reducing carbohydrates - Continuous - Flow analysis method	May, 2024	-	Identical under dual numbering

40	IS 1769 (Part 1):2018 Reviewed In : 2023	Cigars and cheroots - Specification: Part 1 cigars (Third Revision)	February, 2023	-	Indigenous
41	IS 1769 (Part 2):2019 Reviewed In : 2024	Cigars and cheroots - Specification: Part 2 cheroots (Third Revision)	January, 2024	-	Indigenous
42	IS 17778:2022 ISO 17175:2017 ISO 17175:2017	Bidis Determination of total and nicotine-free dry particulate matter using a linear routine analytical smoking machine		-	Identical under dual numbering
43	IS 18499:2023 ISO 21766:2021 ISO 21766:2021	Tobacco and tobacco products Determination of tobacco-specific nitrosamines in tobacco products Method using LC-MSMS		-	Identical under dual numbering
44	IS 18500:2023 ISO 19290:2021 ISO 19290:2021	Cigarettes Determination of tobacco specific nitrosamines in mainstream cigarette smoke Method using LC-MSMS		-	Identical under dual numbering
45	IS 18501:2023 ISO 4388:1991 ISO 4388:1991	Cigarettes Determination of the smoke condensate retention index of a filter Direct spectrometric method		-	Identical under dual numbering
46	IS 18621:2024 ISO 21160:2018 ISO 21160:2018	Cigarettes Determination of selected carbonyls in the mainstream smoke of cigarettes Method using high performance liquid chromatography		-	Identical under dual numbering
47	IS 18624:2024 ISO 21330:2018 ISO 21330:2018	Cigarettes Determination of selected volatile organic compounds in the mainstream smoke of cigarettes Method using GCMS		-	Identical under dual numbering
48	IS 18625 (Part 1):2024 ISO 22634-1:2019 ISO 22634-1:2019	Cigarettes Determination of benzoapyrene in cigarette mainstream smoke using GCMS Part 1: Method using methanol as extraction solvent		-	Identical under dual numbering
49	IS 18625 (Part 2):2024 ISO 22634-2:2019 ISO 22634-2:2019	Cigarettes Determination of benzoapyrene in cigarette mainstream smoke using GCMS Part 2: Method using cyclohexane as extraction solvent		-	Identical under dual numbering
50	IS 18626:2024 ISO 23905:2020 ISO 23905:2020	Cigarettes Determination of selected phenolic compounds in cigarette mainstream smoke using HPLC-FLD		-	Identical under dual numbering
51	IS 18628:2024 ISO 23919:2020 ISO 23919:2020	Cigarettes $i_{\frac{1}{2}}$ Determination of ammonia in cigarette mainstream smoke using ion chromatography		-	Identical under dual numbering
52	IS 18911:2024 ISO 21045:2018 ISO 21045:2018	Tobacco and tobacco products Determination of ammonia Method using ion chromatographic analysis		-	Identical under dual numbering
53	IS 1925:2022	Bidis Specification		-	Indigenous
54	IS 2111:2018	Nasal snuff - Specification (Second Revision)	February, 2023	-	Indigenous

	Reviewed In : 2023				
55	IS 2344:2022	Flake type chewing tobacco zarda - Specification		-	Indigenous
56	IS 3041:2022	MINCED TYPE CHEWING TOBACCO - SPECIFICATION		-	Indigenous
57	IS 4463:2018	Hookah tobacco, flake type - Specification (Second Revision)	February, 2023	-	Indigenous
	Reviewed In : 2023				
58	IS 4469:2020	Code of Practice for Construction of Flue-Curing Tobacco Barns (Second Revision)	May, 2024	-	Indigenous
	Reviewed In : 2024				
59	IS 5643:2019	Tobacco and tobacco products - Methods of test for tobacco (Third Revision)	May, 2024	-	Indigenous
	Reviewed In : 2024				
60	IS 8600:2022 ISO 4874:2020 ISO 4874:2020	Tobacco Sampling of batches of raw material General principles		-	Identical under dual numbering
61	IS 9379:2023 ISO 6488:2021 ISO 6488:2021	Tobacco and tobacco products - Determination of water content - Karl fischer method		-	Identical under dual numbering
62	IS 9978:2022	Tendu Leaf - Specification		-	Indigenous

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
1	FAD 4 (27670)	Tobacco and tobacco products - Cigarette filters - Specification Second Revision Amendment - 1

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 4 (27656)	Tobacco and tobacco products - Cigarettes - Specification Fourth Revision Amendment - 1
2	FAD 4 (27657)	Tobacco and tobacco products - Smoking mixtures - Pipe tobacco - Specification Third Revision Amendment - 1
3	FAD 4 (27658)	Cigars and cheroots - Specification Part 1 cigars Third Revision Amendment - 1
4	FAD 4 (27659)	Cigars and cheroots - Specification Part 2 cheroots Third Revision Amendment - 1
5	FAD 4 (27660)	Nasal snuff - Specification Second Revision Amendment - 1
6	FAD 4 (27661)	Flake type chewing tobacco zarda - Specification Third Revision Amendment - 1
7	FAD 4 (27662)	MINCED TYPE CHEWING TOBACCO - SPECIFICATION Third Revision Amendment - 1
8	FAD 4 (27663)	Hookah tobacco flake type - Specification Second Revision Amendment - 1
9	FAD 4 (27664)	Tobacco and tobacco products - Hookah tobacco paste - Specification First Revision Amendment - 1
10	FAD 4 (27665)	TOBACCO AND TOBACCO PRODUCTS - QUIWAM - SPECIFICATION First Revision Amendment - 1
11	FAD 4 (27666)	Tobacco and tobacco products - Portion packed snus - Specification Amendment - 1

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 4 (27331) Revision of: IS 5643:2019	TOBACCO AND TOBACCO PRODUCTS METHODS OF TEST FOR TOBACCO

Total Published Standards:52 Total Standards Under development:13

Aspect Wise Report

Product : 15
Code of Practices : 1
Methods of Test : 42
Terminology : 2
Dimensions : 0
System Standard : 0
Safety Standard : 1
Others : 1
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 16026:2012 ISO 15152:2003 Reviewed In : 2017 ISO 15152:2003	Tobacco - Determination of the content of total alkaloids as nicotine - Continuous - Flow analysis method
2	IS 1770:1961	Chuttas country Cheroots
3	IS 4698:1968 Reviewed In : 2012	Code of practice for seaworthy packing of unmanufactured cigarette type tobacco
4	IS 7753:1989 Reviewed In : 1995	Tobacco and Tobacco Products - Method for Expression of Analytical Test Results
5	IS 8846:1989 Reviewed In : 2012	Method for determination of reducing sugars and sucrose in tobacco and tobacco products

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 10666:2018 Reviewed In : 2023	Tobacco and tobacco products - Cigarette filters - Specification Second Revision
2	IS 14332:2018 Reviewed In : 2023	Tobacco and tobacco products - Hookah tobacco paste - Specification First Revision
3	IS 14647:2022	TOBACCO AND TOBACCO PRODUCTS - QUIWAM - SPECIFICATION
4	IS 1577:2019 Reviewed In : 2024	Tobacco and tobacco products - Cigarettes - Specification Fourth Revision
5	IS 1578:2018	Tobacco and tobacco products - Smoking mixtures - Pipe tobacco - Specification Third Revision

	Reviewed In : 2023	
6	IS 16307:2021 ISO 13310 : 1997	Tobacco and tobacco products Cigarettes Monitor test piece Requirements and use
7	IS 16897:2018 Reviewed In : 2023	Tobacco and tobacco products - Portion packed snus - Specification
8	IS 1769 (Part 1):2018 Reviewed In : 2023	Cigars and cheroots - Specification Part 1 cigars Third Revision
9	IS 1769 (Part 2):2019 Reviewed In : 2024	Cigars and cheroots - Specification Part 2 cheroots Third Revision
10	IS 1925:2022	Bidis Specification
11	IS 2111:2018 Reviewed In : 2023	Nasal snuff - Specification Second Revision
12	IS 2344:2022	Flake type chewing tobacco zarda - Specification
13	IS 3041:2022	MINCED TYPE CHEWING TOBACCO - SPECIFICATION
14	IS 4463:2018 Reviewed In : 2023	Hookah tobacco flake type - Specification Second Revision
15	IS 9978:2022	Tendu Leaf - Specification