

## 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 10335 : 2016	Tobacco and tobacco products - Glossary of terms (Third Revision)	February, 2021	-	Indigenous
3	IS 10666 : 2018  <span style="color: green;">Reviewed In : 2023</span>	Tobacco and tobacco products - Cigarette filters - Specification (Second Revision)	February, 2023	-	Indigenous
4	IS 11820 : 2004 ISO 4389 <span style="color: green;">Reviewed In : 2024 ISO 4389</span>	Tobacco and tobacco products - Determination of organochlorine pesticide residues - Gas chromatographic method (First Revision)	January, 2024	-	Identical under dual numbering
5	IS 12942 : 2018 ISO 8243 : 2013 <span style="color: green;">Reviewed In : 2023 ISO 8243 : 2013</span>	Cigarettes - Sampling (Third Revision)	February, 2023	-	Identical under dual numbering
6	IS 14332 : 2018  <span style="color: green;">Reviewed In : 2023</span>	Tobacco and tobacco products - Hookah tobacco paste - Specification (First Revision)	February, 2023	-	Indigenous
7	IS 14647 : 2022	TOBACCO AND TOBACCO PRODUCTS - QUIWAM - SPECIFICATION		-	Indigenous
8	IS 1577 : 2019  <span style="color: green;">Reviewed In : 2024</span>	Tobacco and tobacco products - Cigarettes - Specification (Fourth Revision)	January, 2024	-	Indigenous
9	IS 1578 : 2018  <span style="color: green;">Reviewed In : 2023</span>	Tobacco and tobacco products - Smoking mixtures - Pipe tobacco - Specification (Third Revision)	March, 2023	-	Indigenous
10	IS 15795 : 2018 ISO 2971 : 2013 <span style="color: green;">Reviewed In : 2023 ISO 2971 : 2013</span>	Cigarettes and filter rods - Determination of nominal diameter - Method using a Non-contact optical measuring apparatus (First	February, 2023	-	Identical under dual numbering

		Revision)			
11	IS 16022 : 2015 ISO 3308 : 2012 Reviewed In : 2024 ISO 3308 : 2012	Routine analytical cigarette smoking machine - Definitions and standard conditions (First Revision)	May, 2024	-	Identical under dual numbering
12	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
13	IS 16024 : 2013 ISO 8454:2007 Reviewed In : 2023 ISO 8454:2007	Cigarettes - Determination of carbon monoxide in the vapour phase of cigarette smoke - NDIR method	March, 2023	1	Identical under dual numbering
14	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
15	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
16	IS 16042 (Part 2) : 2021	Cigarettes — Determination of water in total particulate matter from the mainstream smoke — Part 2: Karl Fischer method		-	Indigenous
17	IS 16121 : 2023 ISO 3402:2023 ISO 3402:2023	Tobacco and tobacco products Atmosphere for conditioning and testing		-	Identical under dual numbering
18	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
19	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
20	IS 16134 : 2016 3400 Reviewed In : 2021 ISO 3400	Cigarettes - Determination of alkaloids in smoke condensates spectrometric method	February, 2021	-	Identical under dual numbering
21	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
22	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
23	IS 16261 : 2021 13276:2020 13276:2020	Tobacco and tobacco products - Determination of nicotine purity - Gravimetric method using tungstosilicic acid		-	Identical under dual numbering
24	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

25	IS 16263 : 2017 ISO 12194 : 1995 Reviewed In : 2021 ISO 12194 : 1995	Leaf tobacco - Determination of strip particle size	September, 2021	-	Identical under dual numbering
26	IS 16307 : 2021	Tobacco and tobacco products Cigarettes Monitor test piece Requirements and use		-	Indigenous
27	IS 16308 : 2022 ISO 16632:2021 ISO 16632:2021	Tobacco and Tobacco Products Determination of Water Content Gas-Chromatographic Method		-	Identical under dual numbering
28	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
29	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
30	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
31	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
32	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
33	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
34	IS 16897 : 2018 Reviewed In : 2023	Tobacco and tobacco products - Portion packed snus - Specification	February, 2023	-	Indigenous
35	IS 17010 : 2018 Reviewed In : 2023	Tobacco and tobacco products - Determination of reducing and total sugars	February, 2023	-	Indigenous
36	IS 17195 : 2022 ISO 9512:2019 ISO 9512:2019	Cigarettes Determination of Ventilation Definitions and Measurement Principles		-	Identical under dual numbering
37	IS 17196 : 2023	Routine analytical cigarette smoking machine - Additional test methods for machine verification		-	Indigenous
38	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
39	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
40	IS 17199 : 2019	Tobacco - Determination of the	May, 2024	-	Identical under dual

	ISO 15154 : 2003 Reviewed In : 2024 ISO 15154 : 2003	content of reducing carbohydrates - Continuous - Flow analysis method			numbering
41	IS 1769 (Part 1) : 2018  Reviewed In : 2023	Cigars and cheroots - Specification: Part 1 cigars (Third Revision)	February, 2023	-	Indigenous
42	IS 1769 (Part 2) : 2019  Reviewed In : 2024	Cigars and cheroots - Specification: Part 2 cheroots (Third Revision)	January, 2024	-	Indigenous
43	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
44	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
45	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
46	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
47	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
48	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
49	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
50	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
51	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
52	IS 18628 : 2024 ISO 23919:2020 ISO 23919:2020	Cigarettes $i_{1/2}$ Determination of ammonia in cigarette mainstream smoke using ion chromatography		-	Identical under dual numbering
53	IS 1925 : 2022	Bidis Specification		-	Indigenous
54	IS 2111 : 2018  Reviewed In : 2023	Nasal snuff - Specification (Second Revision)	February, 2023	-	Indigenous

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 <i>Reviewed In : 2023</i>	Hookah tobacco, flake type - Specification (Second Revision)	February, 2023	-	Indigenous
58	IS 4469 : 2020 <i>Reviewed In : 2024</i>	Code of Practice for Construction of Flue-Curing Tobacco Barns ( Second Revision )	May, 2024	-	Indigenous
59	IS 5643 : 2019 <i>Reviewed In : 2024</i>	Tobacco and tobacco products - Methods of test for tobacco (Third Revision)	May, 2024	-	Indigenous
60	IS 8600 : 2022 ISO 4874:2020 <i>ISO 4874:2020</i>	Tobacco Sampling of batches of raw material General principles		-	Identical under dual numbering
61	IS 9379 : 2023 ISO 6488:2021 <i>ISO 6488:2021</i>	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
<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
1	FAD 4 (26142) <i>Revision of: IS 16024:2013</i>	Cigarettes Determination of carbon monoxide in the vapour phase of cigarette smoke NDIR method

#### Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	FAD 4 (22432)	Tobacco and tobacco products Determination of ammonia Method using ion chromatographic analysis

#### 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:52 Total Standards Under development:2**

## Aspect Wise Report

Product : 15  
 Code of Practices : 1  
 Methods of Test : 41  
 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

Sl. 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

Sl. 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 Reviewed In : 2023	Tobacco and tobacco products - Smoking mixtures - Pipe tobacco - Specification Third Revision
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
		Bidis Specification

10	IS 1925 : 2022	
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