

## BUREAU OF INDIAN STANDARDS

### Program of Work

#### FAD 18 : Slaughter House And Meat Industry

**Scope:** a) Equipment, materials used in slaughter house and slaughter house layouts, flow sheet categorization b) Meat, meat products, poultry, poultry products and other by-products from abattoir; codes for ante-mortem and post-mortem examination; meat stalls c) Physical, chemical and microbiological methods of test pertaining to this committee d) Waste management of slaughter house and meat industry Liaison with following ISO committees and Sub-committees: i) ISO/TC34/SC6 Meat, poultry, fish, eggs and their products.

**Liaison:** **ISO TC-34 SC-6 (P):** *Meat, poultry, fish, eggs and their products*

### Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10382:1982 <i>Reviewed In : 2020</i> Reaffirmed but not taken up for revision	Specification for edible egg albumen powder	March, 2020	1	Indigenous
2	IS 10697:1983 <i>Reviewed In : 2020</i> Reaffirmed but not taken up for revision	Specification for chicken canned in brine	March, 2020	3	Indigenous
3	IS 11533:2024	SHEEP DRESSING HOOKS SPECIFICATION First Revision of IS 11533		-	Indigenous
4	IS 11631:2024	GAMBRELS FOR SHEEP AND GOATS SPECIFICATION First Revision of IS 11631		-	Indigenous
5	IS 11746:1986 <i>Reviewed In : 2020</i> Reaffirmed but not taken up for revision	Specification for luncheon beet canned	March, 2020	2	Indigenous
6	IS 11747:1986 <i>Reviewed In : 2020</i> Reaffirmed but not taken up for revision	Specification for corned beef, canned	March, 2020	2	Indigenous
7	IS 11748:1986 <i>Reviewed In : 2020</i> Reaffirmed but not taken up for revision	Specification for meat extract (Beef), food grade	March, 2020	2	Indigenous
8	IS 11771:1986 <i>Reviewed In : 2020</i>	Specification for soup stock medium (Beef)	March, 2020	2	Indigenous

	Reaffirmed but not taken up for revision				
9	IS 12189:2023	SHEEP SPREADERS SPECIFICATION First Revision of IS 12189		-	Indigenous
10	IS 12190:2024	SHEEP BLEEDING SHACKLES - SPECIFICATION (First Revision)		-	Indigenous
11	IS 12486:2023	MEAT INSPECTION TABLE SPECIFICATION First Revision of IS 12486		-	Indigenous
12	IS 12487:2023	OFFAL HANDLING TABLE FOR SMALL ANIMALS SPECIFICATION First Revision of IS 12487		-	Indigenous
13	IS 12541:1988 Reviewed In : 2020 Reaffirmed but not taken up for revision	Meat and meat Products - Poultry - Chicken curry, canned - Specification	March, 2020	1	Indigenous
14	IS 12542:1988 Reviewed In : 2020 Reaffirmed but not taken up for revision	Meat and meat Products - Canned ham, minced - Specification	March, 2020	2	Indigenous
15	IS 12543:1988 Reviewed In : 2020 Reaffirmed but not taken up for revision	Meat and meat Products - Poultry products - Canned egg curry - Specification	March, 2020	2	Indigenous
16	IS 12561:1988 Reviewed In : 2020 Reaffirmed but not taken up for revision	Poultry products - Pickled quail eggs - Specification	March, 2020	2	Indigenous
17	IS 13165:1991 Reviewed In : 2020 Reaffirmed but not taken up for revision	Meat and meat Products - Mutton biryani (Canned) - Specification	March, 2020	2	Indigenous
18	IS 13400:1992 Reviewed In : 2020 Reaffirmed but not taken up for revision	Meat and meat Products - Chicken sausages - Specification	March, 2020	2	Indigenous
19	IS 13401:1992 Reviewed In : 2025	Meat and meat products determination of thiobarbituric acid value in meat - Test method	March, 2025	-	Indigenous
20	IS 14843:2017 ISO 13720 : 2010 Reviewed In : 2022	Meat and meat products - Enumeration of presumptive pseudomonas spp. (First Revision)	March, 2022	-	Indigenous
21	IS 15937:2011 Reviewed In : 2024 ISO 13493:2011	Meat and meat products - Determination of chloramphenicol content - Method using liquid chromatography	May, 2024	-	Identical under dual numbering
22	IS 15938:2024 ISO 13496: 2021 ISO 13496: 2021	Meat and Meat Products - Detection and Determination of Colouring Agents ( First Revision )		-	Identical under dual numbering

23	IS 15989:2023 ISO 17604 ISO 17604	MICROBIOLOGY OF FOOD CHAIN CARCASS SAMPLING FOR MICROBIOLOGICAL ANALYSIS First Revision of IS 15989		-	Identical under dual numbering
24	IS 15990:2023 ISO 6887-2 ISO 6887-2	Microbiology of Food and Animal Feeding Stuff $\frac{1}{2}$ Preparation of Test Samples, Initial Suspension and Decimal Dilutions for Microbiological Examination Part 2 Specific Rules for the Preparation of Meat and Meat Products ( First Revision )		-	Identical under dual numbering
25	IS 1723:2023	Pork $\frac{1}{2}$ Specification (Second Revision)		-	Indigenous
26	IS 1723:1973 Reviewed In : 2020	Specification for pork (First Revision)	March, 2020	2	Indigenous
27	IS 1743:1973 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for mutton and goat meat canned in brine (First Revision)	March, 2020	4	Indigenous
28	IS 18371:2023 ISO 23776 ISO 23776	MEAT AND MEAT PRODUCTS DETERMINATION OF TOTAL PHOSPHORUS CONTENT		-	Identical under dual numbering
29	IS 19214:2025	TRANSPORTATION OF FOOD ANIMAL CARCASSES FROM ABATTOIRS TO PROCESSING/ DISTRIBUTION CENTERS $\frac{1}{2}$ CODE OF PRACTICE		-	Indigenous
30	IS 19272:2025	ROTARY ANIMAL RESTRAINER SPECIFICATION		-	Indigenous
31	IS 1981:2018 Reviewed In : 2023	Animal casings - grades and specification (Second Revision)	December, 2023	1	Indigenous
32	IS 1982:2015 Reviewed In : 2024	Ante - Mortem and Post - Mortem inspection of meat animals - Code of practice (Second Revision)	February, 2025	-	Indigenous
33	IS 2475:1979 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for smoked bacon (First Revision)	March, 2020	3	Indigenous
34	IS 2476:1963 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for ham	March, 2020	2	Indigenous
35	IS 2536:1995 Reviewed In : 2020 Reaffirmed but not taken up for revision	Meat and meat products - Mutton and goat meat (Chevon) - Fresh, chilled and frozen technical requirements (First Revision)	March, 2020	2	Indigenous
36	IS 2537:1995 Reviewed In : 2020 Reaffirmed but not taken up for revision	Meat and meat products - Beef and buffalo meat - Fresh, chilled and frozen - Technical requirements (First Revision)	March, 2020	2	Indigenous

37	IS 3044:1973 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for mutton and goat meat, curried and canned (First Revision)	March, 2020	3	Indigenous
38	IS 3060:2023	Pork Sausages, Canned i <sub>l</sub> ½ Specification ( Second Revision)		-	Indigenous
39	IS 3061:2022	Pork Sausages Fresh		-	Indigenous
40	IS 4352:1967 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for pork luncheon meat, canned	March, 2020	2	Indigenous
41	IS 4393:2016 Reviewed In : 2022	Basic requirement for an abattoir (Second Revision)	December, 2022	-	Indigenous
42	IS 4674:1975 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for dressed chicken (First Revision)	March, 2020	1	Indigenous
43	IS 4723:1978 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for egg powder (First Revision)	March, 2020	2	Indigenous
44	IS 4950:2022	Bacon Rashers Canned		-	Indigenous
45	IS 4951:2023	Ham, Canned i <sub>l</sub> ½ Specification ( Second Revision )		-	Indigenous
46	IS 5558:1970 Reviewed In : 2025	Specification for chicken essence	March, 2025	2	Indigenous
47	IS 5960 (Part 1):2023 ISO 937 : 2023 ISO 937 : 2023	Meat and Meat products - Methods of Test Part 1 Determination of Nitrogen content second revision of IS 5960 Part 1		-	Identical under dual numbering
48	IS 5960 (Part 2):2000 ISO 936 Reviewed In : 2024 ISO 936	Meat and meat products - Methods of test: Part 2 determination of total ash (First Revision)	May, 2024	-	Identical under dual numbering
49	IS 5960 (Part 3):2016 Reviewed In : 2022	Meat and meat products - Methods of test: Part 3 determination of total fat content (First Revision)	December, 2022	-	Indigenous
50	IS 5960 (Part 4):1997 ISO 1444 Reviewed In : 2023 ISO 1444	Meat and meat products - Methods of test: Part 4 determination of - Free fat content (First Revision)	May, 2023	-	Identical under dual numbering
51	IS 5960 (Part 5):2024 ISO 1442: 2023 ISO 1442: 2023	MEAT AND MEAT PRODUCTS METHODS OF TEST PART 5 DETERMINATION OF MOISTURE CONTENT (REFERENCE METHOD) (Second Revision)		-	Identical under dual numbering
52	IS 5960 (Part 6/Sec 1):1997	Meat and meat products - Methods of test: Part 6 determination of	December, 2022	-	Identical under dual numbering

	ISO 1841-1 Reviewed In : 2022 ISO 1841-1	chloride content: Sec 1 volhard method (First Revision) (ISO Title: Meat And Meat Products - Determination Of Chloride Content - Part 1 : Volhard Method)			
53	IS 5960 (Part 6/Sec 2):1997 ISO 1841-2 Reviewed In : 2022 ISO 1841-2	Meat and meat products - Methods of test: Part 6 determination of chloride content: Sec 2 potentiometric method (First Revision)	December, 2022	-	Identical under dual numbering
54	IS 5960 (Part 7):1996 ISO 2918 Reviewed In : 2022 ISO 2918	Meat and meat products - Methods of test: Part 7 determination of nitrite content (First Revision)	December, 2022	-	Identical under dual numbering
55	IS 5960 (Part 8):1996 ISO 3091 Reviewed In : 2022 ISO 3091	Meat and meat products - Methods of test: Part 8 determination of nitrate content (First Revision)	December, 2022	-	Identical under dual numbering
56	IS 5960 (Part 10):2001 ISO 2917 Reviewed In : 2024 ISO 2917	Meat and meat products - Methods of test: Part 10 measurement of pH - Reference method (First Revision)	May, 2024	-	Identical under dual numbering
57	IS 5960 (Part 11):2013 Reviewed In : 2025	Meat and meat products - Methods of test: Part 11 determination of glucono - Delta - Lactone content (First Revision)	March, 2025	-	Indigenous
58	IS 5960 (Part 12):2023 4134 : 2021 4134 : 2021	MEAT AND MEAT PRODUCTS METHODS OF TEST PART 12 DETERMINATION OF L--GLUTAMIC ACID CONTENT REFERENCE METHOD		-	Identical under dual numbering
59	IS 5960 (Part 13):2024 ISO/FDIS 5553 ISO/FDIS 5553	Meat and Meat Products â€™ Methods of Test Part 13 Detection of Condensed Phosphates (First Revision)		-	Identical under dual numbering
60	IS 5960 (Part 14):1988 ISO 5554 Reviewed In : 2022 ISO 5554	Imethods of test for meat and meat products: Part 14 determinn of starch content	December, 2022	-	Identical under dual numbering
61	IS 5960 (Part 15):2000 ISO 3496 Reviewed In : 2024 ISO 3496	Meat and meat products - Methods of test: Part 15 determination of l ( - ) hydroxyproline content (First Revision)	May, 2024	-	Identical under dual numbering
62	IS 5960 (Part 17):2004 ISO 13965 Reviewed In : 2024 ISO 13965	Meat and meat products - Methods of test: Part 17 determination of starch and glucose content - Enzymatic method	May, 2024	-	Identical under dual numbering
63	IS 6557:1972 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for albumen flakes, non - Edible quality	May, 2024	2	Indigenous
64	IS 6558:2023	COLD STORAGE OF SHELL		-	Indigenous

		EGGS i½ CODE OF PRACTICE ( First Revision )			
65	IS 6559:2023	ANTE-MORTEM AND POST-MORTEM INSPECTION OF POULTRY i½ CODE OF PRACTICE ( First Revision )		-	Indigenous
66	IS 6628:2024	SLIDE RAILS FOR USE IN ABATTOIRS SPECIFICATION First Revision of IS 6628		-	Indigenous
67	IS 6782:2023	HOG GAMBRELS SPECIFICATION First Revision of IS 6782		-	Indigenous
68	IS 6950:2024	PIG HOOKS SPECIFICATION First Revision of IS 6950		-	Indigenous
69	IS 7049:2023	Handling, Processing, Quality Evaluation and Storage of Poultry i½ Code of Practice ( First Revision )		-	Indigenous
70	IS 7053:2023	MEAT AND MEAT PRODUCTS BASIC REQUIREMENTS FOR A STALL FOR SALE OF MEAT OF SMALL AND LARGE ANIMALS Second Revision of IS 7053		-	Indigenous
71	IS 7891:2024	INEDIBLE OFFALS TROLLEY SPECIFICATION First Revision of IS 7891		-	Indigenous
72	IS 7909:2023	SLAUGHTER HOUSE EQUIPMENT-ELECTRICAL STUNNING TONGS FOR PIGS SPECIFICATION Second Revision of IS 7909		-	Indigenous
73	IS 8182:2023	Conditions for Processed Meat Products i½ Hygienic Code of Practice ( First Revision )		-	Indigenous
74	IS 8539 (Part 1):2023	MEAT PRODUCTS AND MEAT ANIMALS i½ TERMINOLOGY PART 1 POULTRY ( First Revision )		-	Indigenous
75	IS 8539 (Part 2):2025	MEAT PRODUCTS AND MEAT ANIMALS i½ TERMINOLOGY PART 2 : OTHER THAN POULTRY		-	Indigenous
76	IS 8895:2015 Reviewed In : 2025	Handling, Storage and Transport of Slaughterhouse By-Products — Guidelines ( First Revision )	February, 2025	-	Indigenous
77	IS 9810:1981 Reviewed In : 2024	Methods for evaluation of quality of chicken eggs	May, 2024	1	Indigenous

### Standards under Development

#### Projects Approved

Sl. No.	Doc No.	Title
No Records Found		

#### Preliminary Draft Standards

Sl. No.	Doc No.	Title
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1	FAD 18 (25462)	SLAUGHTERHOUSE WASTE MANAGEMENT CODE OF PRACTICE
2	FAD 18 (28554)	Small and medium scale poultry processing unitplant design and operation - Requirements
3	FAD 18 (28591)	DESIGN AND OPERATION OF SMALL-SCALE SLAUGHTERHOUSES FOR HYGIENIC MEAT PRODUCTION - REQUIREMENTS

Drafts Standards in WC Stage		
Sl. No.	Doc No.	Title
1	FAD 18 (28477) Revision of: IS 1982:2015	ANTE-MORTEM AND POST-MORTEM INSPECTION OF MEAT ANIMALS CODE OF PRACTICE Third Revision of IS 1982

Draft Standards Completed WC Stage		
Sl. No.	Doc No.	Title
1	FAD 18 (28389)	Eggs and egg products Determination of fipronil and metabolites residues Liquid chromatography tandem mass spectrometry method Adoption of ISO 7124 2023
2	FAD 18 (28390)	Meat and meat products Determination of nitrite and nitrate content Ion chromatography method Adoption of ISO 7158 2024
3	FAD 18 (28395)	Meat and meat products Determination hydroxyproline content Adoption of ISO 3496 1994
4	FAD 18 (28557) Revision of: IS 1982:2015	Meat and meat products Determination of chloramphenicol content Reference method First Revision of IS 15937 Adoption of ISO 13493 2021

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

Finalized Draft Indian Standards under Print		
Sl. No.	Doc No.	Title
No Records Found		

Total Published Standards:73 Total Standards Under development:8
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Aspect Wise Report
Product : 41
Code of Practices : 9
Methods of Test : 24
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		
Sl. No.	IS No. & Year	Title
1	IS 11156:1985	Infant formulae
2	IS 11634:1986 Reviewed In : 2012	Borers for drawing samples of milk powder and similar products ISO 3003 1974
3	IS 13471:1992	Infant Foods - Low-fat Infant Formula
4	IS 14844:2000	Meat and meat products - Enumeration of lactic acid bacteria - Colony - Count technique at 30 deg

	ISO 13721 Reviewed In : 2020 ISO 13721	C
5	IS 14920:2001 ISO 13681 Reviewed In : 2009	Ductile design and detailing of reinforced concrete structures subjected to seismic forces - Code of practice First Revision
6	IS 15463:2004 ISO 6391 Reviewed In : 2020 ISO 6391	Meat and meat products - Enumeration of escherichia coli - Colony - Count technique at 44 deg C using membranes
7	IS 1547:1985 Reviewed In : 1987	Infant Milk Food
8	IS 15478 (Part 2):2004 ISO 3100-2 Reviewed In : 2020 ISO 3100-2	Meat and meat products - Sampling and preparation of test samples Part 2 preparation of test samples for microbiological examination
9	IS 1657:1960	Foods
10	IS 2003:1962	Malted milk food containing cocoa powder
11	IS/ISO 3100-1:1991 Reviewed In : 2020 ISO 3100-1	Meat and meat products - Method of sampling
12	IS 4421:1967	Malted Skimmed Milk Food
13	IS 5163:1969	Sweet Cream Butter Milk Powder
14	IS 5960 (Part 9):1988 ISO 2294 Reviewed In : 2020 ISO 2294	Meat and meat products - Methods of test Part 9 determination of total phosphorus content
15	IS 5960 (Part 16):2004 ISO 13730 Reviewed In : 2020 ISO 13730	Meat and meat products - Methods of test Part 16 determination of total phosphorus content - Spectrometric method
16	IS 5962:1970	Partly skimmed sour milk powder
17	IS 6397:1992	Code for Pasteurization of Milk
18	IS 7035:1973	Fermented Milk Products
19	IS 8700:1977	Basic requirements for a stall for sale of meat of large animals
20	IS 9105:1979 3432 Reviewed In : 1991	Apparatus for determination of fat in cheese by Van Gulic method

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

Sl. No.	IS No. & Year	Title
1	IS 10382:1982 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for edible egg albumen powder
2	IS 10697:1983 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for chicken canned in brine
3	IS 11533:2024	SHEEP DRESSING HOOKS SPECIFICATION First Revision of IS 11533



4	IS 11631:2024	GAMBRELS FOR SHEEP AND GOATS SPECIFICATION First Revision of IS 11631
5	IS 11746:1986 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for luncheon beet canned
6	IS 11747:1986 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for corned beef canned
7	IS 11748:1986 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for meat extract Beef food grade
8	IS 11771:1986 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for soup stock medium Beef
9	IS 12189:2023	SHEEP SPREADERS SPECIFICATION First Revision of IS 12189
10	IS 12190:2024	SHEEP BLEEDING SHACKLES - SPECIFICATION First Revision
11	IS 12486:2023	MEAT INSPECTION TABLE SPECIFICATION First Revision of IS 12486
12	IS 12487:2023	OFFAL HANDLING TABLE FOR SMALL ANIMALS SPECIFICATION First Revision of IS 12487
13	IS 12541:1988 Reviewed In : 2020 Reaffirmed but not taken up for revision	Meat and meat Products - Poultry - Chicken curry canned - Specification
14	IS 12542:1988 Reviewed In : 2020 Reaffirmed but not taken up for revision	Meat and meat Products - Canned ham minced - Specification
15	IS 12543:1988 Reviewed In : 2020 Reaffirmed but not taken up for revision	Meat and meat Products - Poultry products - Canned egg curry - Specification
16	IS 12561:1988 Reviewed In : 2020 Reaffirmed but not taken up for revision	Poultry products - Pickled quail eggs - Specification
17	IS 13165:1991 Reviewed In : 2020 Reaffirmed but not taken up for revision	Meat and meat Products - Mutton biryani Canned - Specification
18	IS 13400:1992 Reviewed In : 2020 Reaffirmed but not taken up for revision	Meat and meat Products - Chicken sausages - Specification
19	IS 1723:2023	Pork Specification Second Revision
20	IS 1743:1973 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for mutton and goat meat canned in brine First Revision
21	IS 19272:2025	ROTARY ANIMAL RESTRAINER SPECIFICATION

22	IS 1981:2018  Reviewed In : 2023	Animal casings - grades and specification Second Revision
23	IS 2475:1979 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for smoked bacon First Revision
24	IS 2476:1963 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for ham
25	IS 2536:1995 Reviewed In : 2020 Reaffirmed but not taken up for revision	Meat and meat products - Mutton and goat meat Chevron - Fresh chilled and frozen technical requirements First Revision
26	IS 2537:1995 Reviewed In : 2020 Reaffirmed but not taken up for revision	Meat and meat products - Beef and buffalo meat - Fresh chilled and frozen - Technical requirements First Revision
27	IS 3044:1973 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for mutton and goat meat curried and canned First Revision
28	IS 3060:2023	Pork Sausages Canned Specification Second Revision
29	IS 3061:2022 ISO 21860:2022	Pork Sausages Fresh
30	IS 4352:1967 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for pork luncheon meat canned
31	IS 4674:1975 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for dressed chicken First Revision
32	IS 4723:1978 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for egg powder First Revision
33	IS 4950:2022 ISO/IEC 30134-6:2021	Bacon Rashers Canned
34	IS 4951:2023	Ham Canned Specification Second Revision
35	IS 5558:1970 Reviewed In : 2025	Specification for chicken essence
36	IS 6557:1972 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for albumen flakes non - Edible quality
37	IS 6628:2024	SLIDE RAILS FOR USE IN ABATTOIRS SPECIFICATION First Revision of IS 6628
38	IS 6782:2023	HOG GAMBRELS SPECIFICATION First Revision of IS 6782
39	IS 6950:2024	PIG HOOKS SPECIFICATION First Revision of IS 6950
40	IS 7891:2024	INEDIBLE OFFALS TROLLEY SPECIFICATION First Revision of IS 7891
41	IS 7909:2023	SLAUGHTER HOUSE EQUIPMENT-ELECTRICAL STUNNING TONGS FOR PIGS SPECIFICATION Second Revision of IS 7909

