

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 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for edible egg albumen powder	March, 2020	1	Indigenous
2	IS 10697 : 1983 Reviewed In : 2020 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 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for luncheon beet canned	March, 2020	2	Indigenous
6	IS 11747 : 1986 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for corned beef, canned	March, 2020	2	Indigenous
7	IS 11748 : 1986 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for meat extract (Beef), food grade	March, 2020	2	Indigenous
8	IS 11771 : 1986 Reviewed In : 2020	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 : 1987 Reviewed In : 2020	Specification for sheep bleeding shackles	March, 2020	-	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 : 2020	Meat and meat products determination of thiobarbituric acid value in meat - Test method	March, 2020	-	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 : 2020 ISO 13493:2011	Meat and meat products - Determination of chloramphenicol content - Method using liquid chromatography	March, 2020	-	Identical under dual numbering
22	IS 15938 : 2011 ISO 13496:2000 Reviewed In : 2020 ISO 13496:2000	Meat and meat products - Detection of colouring agents - Method using thin - Layer chromatography	March, 2020	-	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's $\frac{1}{2}$ 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 1981 : 2018 Reviewed In : 2023	Animal casings ? grades and specification (Second Revision)	December, 2023	-	Indigenous
30	IS 1982 : 2015 Reviewed In : 2020	Ante - Mortem and Post - Mortem inspection of meat animals - Code of practice (Second Revision)	March, 2020	-	Indigenous
31	IS 2475 : 1979 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for smoked bacon (First Revision)	March, 2020	3	Indigenous
32	IS 2476 : 1963 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for ham	March, 2020	2	Indigenous
33	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
34	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
35	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
36	IS 3060 : 2023	Pork Sausages, Canned $\frac{1}{2}$ Specification (Second Revision)		-	Indigenous
37	IS 3061 : 2022	Pork Sausages Fresh		-	Indigenous

38	IS 4352 : 1967 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for pork luncheon meat, canned	March, 2020	2	Indigenous
39	IS 4393 : 2016 Reviewed In : 2022	Basic requirement for an abattoir (Second Revision)	December, 2022	-	Indigenous
40	IS 4674 : 1975 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for dressed chicken (First Revision)	March, 2020	1	Indigenous
41	IS 4723 : 1978 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for egg powder (First Revision)	March, 2020	2	Indigenous
42	IS 4950 : 2022	Bacon Rashers Canned		-	Indigenous
43	IS 4951 : 2023	Ham, Canned $i_{\frac{1}{2}}$ Specification (Second Revision)		-	Indigenous
44	IS 5558 : 1970 Reviewed In : 2020	Specification for chicken essence	March, 2020	2	Indigenous
45	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
46	IS 5960 (Part 2) : 2000 ISO 936 Reviewed In : 2020 ISO 936	Meat and meat products - Methods of test: Part 2 determination of total ash (First Revision)	March, 2020	-	Identical under dual numbering
47	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
48	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
49	IS 5960 (Part 5) : 2001 ISO 1442 Reviewed In : 2023 ISO 1442	Meat and meat products - Methods of test: Part 5 determination of moisture content (Reference Method) (First Revision)	May, 2023	-	Identical under dual numbering
50	IS 5960 (Part 6/Sec 1) : 1997 ISO 1841-1 Reviewed In : 2022 ISO 1841-1	Meat and meat products - Methods of test: Part 6 determination of chloride content: Sec 1 volhard method (First Revision) (ISO Title: Meat And Meat Products - Determination Of Chloride Content - Part 1 : Volhard Method)	December, 2022	-	Identical under dual numbering
51	IS 5960 (Part 6/Sec 2) : 1997 ISO 1841-2 Reviewed In : 2022	Meat and meat products - Methods of test: Part 6 determination of chloride content: Sec 2 potentiometric method (First	December, 2022	-	Identical under dual numbering

	ISO 1841-2	Revision)			
52	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
53	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
54	IS 5960 (Part 10) : 2001 ISO 2917 Reviewed In : 2020 ISO 2917	Meat and meat products - Methods of test: Part 10 measurement of pH - Reference method (First Revision)	March, 2020	-	Identical under dual numbering
55	IS 5960 (Part 11) : 2013 Reviewed In : 2020	Meat and meat products - Methods of test: Part 11 determination of glucono - Delta - Lactone content (First Revision)	March, 2020	-	Indigenous
56	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
57	IS 5960 (Part 13) : 1988 ISO 5553 Reviewed In : 2020 ISO 5553	Meat and meat products - Methods of test: Part 13 detection of polyphosphates	March, 2020	-	Identical under dual numbering
58	IS 5960 (Part 14) : 1988 ISO 5554 Reviewed In : 2022 ISO 5554	Methods of test for meat and meat products: Part 14 determination of starch content	December, 2022	-	Identical under dual numbering
59	IS 5960 (Part 15) : 2000 ISO 3496 Reviewed In : 2020 ISO 3496	Meat and meat products - Methods of test: Part 15 determination of l (-) hydroxyproline content (First Revision)	March, 2020	-	Identical under dual numbering
60	IS 5960 (Part 17) : 2004 ISO 13965 Reviewed In : 2020 ISO 13965	Meat and meat products - Methods of test: Part 17 determination of starch and glucose content - Enzymatic method	March, 2020	-	Identical under dual numbering
61	IS 6557 : 1972 Reviewed In : 2020	Specification for albumen flakes, non - Edible quality	March, 2020	2	Indigenous
62	IS 6558 : 2023	COLD STORAGE OF SHELL EGGS ½ CODE OF PRACTICE (First Revision)		-	Indigenous
63	IS 6559 : 2023	ANTE-MORTEM AND POST-MORTEM INSPECTION OF POULTRY ½ CODE OF PRACTICE (First Revision)		-	Indigenous
64	IS 6628 : 2024	SLIDE RAILS FOR USE IN ABATTOIRS SPECIFICATION First Revision of IS 6628		-	Indigenous
65	IS 6782 : 2023	HOG GAMBRELS SPECIFICATION First Revision		-	Indigenous

		of IS 6782			
66	IS 6950 : 2024	PIG HOOKS SPECIFICATION First Revision of IS 6950		-	Indigenous
67	IS 7049 : 2023	Handling, Processing, Quality Evaluation and Storage of Poultry ½ Code of Practice (First Revision)		-	Indigenous
68	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
69	IS 7891 : 2024	INEDIBLE OFFALS TROLLEY SPECIFICATION First Revision of IS 7891		-	Indigenous
70	IS 7909 : 2023	SLAUGHTER HOUSE EQUIPMENT-ELECTRICAL STUNNING TONGS FOR PIGS SPECIFICATION Second Revision of IS 7909		-	Indigenous
71	IS 8182 : 2023	Conditions for Processed Meat Products ½ Hygienic Code of Practice (First Revision)		-	Indigenous
72	IS 8539 (Part 1) : 2023	MEAT PRODUCTS AND MEAT ANIMALS ½ TERMINOLOGY PART 1 POULTRY (First Revision)		-	Indigenous
73	IS 8895 : 2015 <i>Reviewed In : 2020</i>	Handling, Storage and Transport of Slaughterhouse By-Products — Guidelines (First Revision)	March, 2020	-	Indigenous
74	IS 9810 : 1981 <i>Reviewed In : 2020</i>	Methods for evaluation of quality of chicken eggs	March, 2020	1	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 18 (23955)	ROTARY ANIMAL RESTRAINER SPECIFICATION
2	FAD 18 (25462)	SLAUGHTERHOUSE WASTE MANAGEMENT CODE OF PRACTICE

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
1	FAD 18 (24826) <i>Revision of: IS 13401:1992</i>	MEAT AND MEAT PRODUCTS- DETERMINATION OF THIOBARBITURIC ACID VALUE IN MEAT-TEST METHOD First Revision of IS 13401
2	FAD 18 (25007)	REQUIREMENTS FOR TRANSPORTATION OF FOOD ANIMAL CARCASSES FROM ABATTOIRS TO PROCESSING DISTRIBUTION CENTERS CODE OF PRACTICE

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	FAD 18 (24818)	TERMINOLOGY OF MEAT PRODUCTS AND MEAT ANIMALS PART 2 OTHER THAN

		POULTRY IS 8539 Part-2
2	FAD 18 (24919)	Meat and Meat Products Methods of Test Part 13 - Detection of Condensed Phosphates first revision of IS 5960 Part 13 Adoption of ISO/FDIS 5553
3	FAD 18 (24985)	Animal casings - grades and specification Second Revision Amendment - 1

Finalized Draft Indian Standard

Sl. No.	Doc No.	Title
1	FAD 18 (24917) Revision of: IS 12190:1987	SHEEP BLEEDING SHACKLES SPECIFICATION First Revision of IS 12190

Finalized Draft Indian Standards under Print

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

Total Published Standards:73 Total Standards Under development:8

Aspect Wise Report

Product : 40
Code of Practices : 8
Methods of Test : 24
Terminology : 1
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 ISO 13721 Reviewed In : 2020 ISO 13721	Meat and meat products - Enumeration of lactic acid bacteria - Colony - Count technique at 30 deg 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
		Foods

9	IS 1657 : 1960	
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

SI. 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	Specification for soup stock medium Beef

	Reviewed In : 2020 Reaffirmed but not taken up for revision	
9	IS 12189 : 2023	SHEEP SPREADERS SPECIFICATION First Revision of IS 12189
10	IS 12190 : 1987 Reviewed In : 2020	Specification for sheep bleeding shackles
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 1981 : 2018 Reviewed In : 2023	Animal casings grades and specification Second Revision
22	IS 2475 : 1979 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for smoked bacon First Revision
23	IS 2476 : 1963 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for ham
24	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
25	IS 2537 : 1995 Reviewed In : 2020 Reaffirmed but not taken up	Meat and meat products - Beef and buffalo meat - Fresh chilled and frozen - Technical requirements First Revision

	for revision	
26	IS 3044 : 1973 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for mutton and goat meat curried and canned First Revision
27	IS 3060 : 2023	Pork Sausages Canned Specification Second Revision
28	IS 3061 : 2022 ISO 21860:2022	Pork Sausages Fresh
29	IS 4352 : 1967 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for pork luncheon meat canned
30	IS 4674 : 1975 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for dressed chicken First Revision
31	IS 4723 : 1978 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for egg powder First Revision
32	IS 4950 : 2022 ISO/IEC 30134-6:2021	Bacon Rashers Canned
33	IS 4951 : 2023	Ham Canned Specification Second Revision
34	IS 5558 : 1970 Reviewed In : 2020	Specification for chicken essence
35	IS 6557 : 1972 Reviewed In : 2020	Specification for albumen flakes non - Edible quality
36	IS 6628 : 2024	SLIDE RAILS FOR USE IN ABATTOIRS SPECIFICATION First Revision of IS 6628
37	IS 6782 : 2023	HOG GAMBRELS SPECIFICATION First Revision of IS 6782
38	IS 6950 : 2024	PIG HOOKS SPECIFICATION First Revision of IS 6950
39	IS 7891 : 2024	INEDIBLE OFFALS TROLLEY SPECIFICATION First Revision of IS 7891
40	IS 7909 : 2023	SLAUGHTER HOUSE EQUIPMENT-ELECTRICAL STUNNING TONGS FOR PIGS SPECIFICATION Second Revision of IS 7909