

MED

PROGRAMME OF WORK
(AS ON 1 July 2014)

Mechanical Engineering Department
(MED)



BUREAU OF INDIAN STANDARDS
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FOREWORD

A Programme of Work is prepared every year by each Technical Department of Bureau of Indian Standards to indicate the latest position of published Indian Standards, number of amendments issued on particular published standards, month and year of their last re-affirmation, standards identified for revision or standards in the process of revision etc. It also indicates the draft documents at different stages of processing. This Programme of Work for Mechanical Engineering Division Council (MEDC) has been prepared Sectional Committee-wise as on 1 July 2014. The present scope of MEDC is as follows:

“Standardization in the field of Mechanical Engineering covering Boilers and Pressure Vessels, Refrigeration and Air-conditioning, Non-Conventional Energy Sources, Material handling Systems and Equipments, Chemical Engineering Plants and Equipments, Construction Plant and Machinery, Pumps & Handpumps, Compressors, Blowers, Gas Cylinders, Security Equipments, Mining Equipments, Printing Machinery, Sewing Machines, Water Well Drilling, Photographic Equipments, Utensils and domestic hardware, Oil and gas burning appliances, wire ropes and wire products, Gaskets and packing. Methods and Equipments for underground gasification of lignite and coal bed methane, Mechanical equipments for Petroleum, Petro-chemical and Natural Gas Industries and Energy Management.”

A list of superseded/withdrawn standards, standards covered under Certification Marks and those standards published in Hindi and bilingual versions are also enclosed. Aspectwise classification of standards published by MED and harmonization position has also been provided.

It is hoped that this publication would provide the Indian Standards users a convenient tool for obtaining the latest information about new/revised/upcoming standards, and other activities of Mechanical Engineering Department.

This information is also available on BIS web site: www.bis.org.in

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AS ON 01 July 2014

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ANNEX A

ANALYSIS ON PRINTED STANDARDS ASPECT-WISE

COMM. NO	P	M	C	T	D	S	O	TOTAL
MED 1	-	1	2	2	0	1	12	18
MED 3	22	1	3	2	-	1	4	33
MED 4	6	3	2	1	-	-	5	17
MED 6	25	-	32	3	7	-	12	79
MED 7	20	6	8	13	6	2	51	106
MED 8	45	2	3	1	-	5	11	67
MED 10	35	-	4	1	-	-	7	47
MED 14	23	-	9	5	2	-	30	69
MED 16	34	3	21	2	-	2	5	67
MED 17	52	12	15	11	11	8	27	136
MED 18	38	3	-	4	-	-	6	51
MED 20	21	1	14	-	3	-	4	43
MED 21	12	1	6	2	1	-	9	31
MED 22	8	3	2	1	-	-	11	25
MED 23	18	-	1	1	-	-	2	22
MED 24	12	3	1	-	-	-	1	17
MED 25	2	-	1	-	1	-	6	10
MED 26	15	-	-	1	-	-	-	16
MED 27	3	-	-	1	-	-	-	4
MED 28	-	5	-	2	-	6	43	56
MED 29	46	7	1	2	1	4	1	62
MED 30	17	7	1	3	4	-	3	35
MED 32	32	9	-	-	23	-	18	82
MED 33	45	1	-	2	-	-	9	57
MED 37	-	-	-	-	-	-	-	0
MED 38	-	-	2	-	-	-	-	2
MED 39	-	-	-	-	-	-	1	1
TOTAL	531	68	128	60	59	29	277	1152

GRAND TOTAL 1152

LEGENDS :-

P = PRODUCTS	M = METHOD OF TEST
C = CODE OF PRACTICE	T = TERMINOLOGY
D = DIMENSIONS	S = SYMBOLS
O = OTHERS	

MED 01 BOILERS AND PRESSURE VESSELS SECTIONAL COMMITTEE

Scope - a) Formulation of standards for terminology, acceptance tests layout of boilers and other aspects not covered under the Indian Boilers Regulations.

b) Preparation of code for Unfired Pressure Vessels

c) Co-ordination of work with ISO/TC 11 Boilers and Pressure Vessels.

STANDARDS PUBLISHED

S.No	IS	Title	Reaffirm/ Printed	No of amdt
1	*IS 2825:1969	Code for unfired pressure vessels	MAR 12	5
2	IS 8595:1977	Terminology for parameters of stationary steam boilers	MAR 12	1
3	IS 8596:1977	Recommended parameters of stationary steam boilers	MAR 12	
4	IS 8633:1977	Technical requirements for location of boilers installations and boiler houses	MAR 12	1
5	IS 8753:1977	Code for acceptance tests on stationary steam generators of the power station type	MAR 12	
6	IS 9330:1979	Terminology for parameters of waste heat boilers and boilers for special purposes	MAR 12	
7	IS 9332:1979	Recommended parameters of waste heat boilers and boilers for special purposes	MAR 12	
8	IS 9404:2002	Identification of pipe lines used in thermal power plants - Colour code (first revision)	MAR 12	
9	IS 13445(PT 1):1992	Suppliers data sheet for industrial water tube boilers: Part 1 Proposed stage	MAR 12	
10	IS 13445(PT 2):1992	Suppliers data sheet for industrial water tube boilers: Part 2 Post order stage	MAR 12	
11	IS 13477:1992	Industrial water tube boiler - Purchaser's data sheet	MAR 12	
12	IS 13619:1993	Industrial steam and hot water boiler plants - Maintaining log and summary sheets - Recommendations	MAR 14	
13	IS 13979:1994	Method of calculation of efficiency of packaged steam boilers	MAR 14	
14	IS 13980:1995	Acceptance tests on industrial boilers - Code of practice	MAR 14	
15	IS 15680:2006	Guidelines for selection of steam traps	MAR 12	
16	IS 15685:2006	Purchaser's data sheet for power boiler	MAR 12	
17	IS 15696:2006	Supplier's data sheet for power boiler	MAR 12	
18	SP 26:1983	ISI steam tables in SI units		

* INDICATES STANDARDS UNDER REVISION

MED 03 REFRIGERATION AND AIR CONDITIONING SECTIONAL COMMITTEE

- SCOPE**
- a) Formulation of standards for refrigeration and air- conditioning equipment and appliances including terminology, definitions and symbols, designation of refrigerants, testing of refrigerating systems; refrigerating units.
 - b) Co-ordination of work with ISO/TC 86 Refrigeration and Air conditioning; IEC/TC 61 Safety of household appliances for refrigeration and air- conditioning and IEC TC 59/SC 59M Performance of Electrical Household and Similar Cooling and Freezing Appliances.

STANDARDS PUBLISHED

SL NO.	IS.NO./ DOC.NO.	TITLE	REAFFIRM/ PRINTED	NO. OF AMDTS
1	IS 655:2006	Air ducts specification(second revision)	MAR 12	1
2	**IS 659:1964	Safety code for air conditioning (first revision)	MAR 12	1
3	**IS 660:1963	Safety code for mechanical refrigeration (first revision)	MAR 12	
4	**IS 1391(Pt 1):1992	Room air conditioners specification Part 1 Unitary air conditioners (second revision)	SEP 13	3
5	**IS 1391(Pt 2):1992	Room air conditioners specification Part 2 Split air conditioners) (second revision)	SEP 13	2
6	IS 1474:1959	Specification for(Commercial refrigerators	SEP 13	
7	IS 1475(Pt 1):2001	Self-contained drinking water coolers Specification part 1: Energy consumption & performance (third revision)	MAR 12	
8	IS 1476(Pt 1):2000	Performance of household refrigerating appliance - Refrigerators with or without low temperature compartment: Part 1 Energy consumption and performance (third revision)	FEB 11	1
9	** IS 1869:1961	Specification for ice cans	MAR 12	
10	**IS 2167:1983	Specification for Bottle coolers (first revision)	MAR 12	
11	*IS 2370:1963	Specification for Sectional cold rooms (walk-in-type)	MAR 12	
12	**IS 2374:1963	Specification for Ice tanks	MAR 12	
13	** IS 3315:1994	Evaporative air coolers (desert coolers) Specification (second revision)	SEP 13	2
14	**IS 3615:2007	Glossary of terms used in refrigeration and air conditioning (first revision)	SEP 12	
15	IS 4831:1968	Recommendation on units and symbols for refrigeration	MAR 12	
16	IS 5038:1969	Specification for Ice cube trays for domestic refrigerator	MAR 12	1
17	IS 5111:1993 /ISO 917:1989	Testing of refrigerant compressors (first revision)	SEP 13	
18	**IS 7613:1975	Method of testing panel type air filters for air conditioning and ventilation purposes	MAR 12	
19	**IS 7872:1975	Specification for freezers	MAR 12	1

20	IS 8148:2003	Packaged air conditioners (first revision)	SEP 13	
21	**IS 9210:1979	Specification for refrigerated display cabinets	MAR 12	1
22	**IS 10594:1983	Specification for Thermostatic-expansion valves	MAR 12	
23	IS/ISO 817:2005	Refrigerants - Number designation system (Superseding IS 10609:1983)	SEP 13	
24	IS 10617:2013	Hermetic compressors- Specification (First Revision) [Amalgamating of IS 10617 (Part 1) : 1983,IS 10617 (Part 2) : 1983 and IS 10617 (Part 3) : 1983]	MAY 13	
25	**IS 11327:2007	Requirements for refrigerants condensing units (first revision)	SEP 12	
26	IS 11328:1985	Specification for Self contained automatic ice makers	MAR 12	
27	IS 11329:1985	Specification for Finned type heat exchangers for room air conditioners	MAR 12	1
28	IS 11330:1985	Specification for Refrigeration oil separator	MAR 12	
29	IS 11338:1985	Specification for Thermostats for use in refrigerators, air conditioners, water coolers and beverage coolers	SEP 13	
30	IS 11561:1986	Code of practice for testing of water . cooling towers	MAR 12	
31	IS 11951:2009	Pumpset for desert coolers - Specification (first revision)	SEP 13	
32	IS 12249:1987	Specification for Dessicant driers	MAR 12	
33	*IS 15750:2006	Household frost free refrigerating appliances – Refrigerators cooled by internal forced circulation - Characteristics and test methods – Specification	MAR 12	

*** INDICATES STANDARDS UNDER REVISION. ** INDICATES STANDARDS TO BE REVISED / INDICATES DUAL NUMBERED STANDARDS. | INDICATES EQUIVALENT STANDARDS**

DRAFT STANDARD UNDER PRINT

DOC: MED 03(1049)C Specification for Walk - in Cold Rooms (First Revision of IS 2370)

DOC: MED 03(1147) C Amendment No. 2 to IS 1476(Part 1):2000 Performance of household refrigerating appliance – Refrigerators with or without low temperature compartment (*Third Revision*)

DOC: MED 03(1148)C Amendment No. 1 to IS 15750: 2006 Household frost-free refrigerating appliances – Refrigerators cooled by internal forced air circulation – Characteristics and Test methods - Specification

DOC: MED (1233) Amendment No. 4 to 1391part 2: 1992 Room air conditioners specification Part 2 Split air conditioners) (second revision)

DOC: MED (1234) Amendment No. 5 to 1391part 1: 1992 Room air conditioners specification Part 1 Unitary air conditioners (second revision)

TO BE REDRAFTED FOR WIDE CIRCULATION

DOC: MED03 (1156) Safety Code for Mechanical Refrigeration (First Revision of IS 660:1963)

DRAFT INDIAN STANDARDS COMPLETED WIDE CIRCULATION

DOC: MED 03 (1232) Refrigerant properties (IS/ISO 17584:2205)

DOC: MED 03(1229) Performance of refrigerating recovery and/or recycling equipment (Adoption of IS/ISO 11650:1999)

DOC: MED 03(1230) Sound power rating of air conditioning and air source heat pump equipment Part1: Non ducted outdoor equipment (IS/ISO 13261-2:1998)

DOC: MED 03(1231) Sound power rating of air conditioning and air source heat pump equipment Part1: Non ducted outdoor equipment Part 2: Non ducted indoor equipment (IS/ISO 13261-2:1998)

DRAFT SENT INTO WIDE CIRCULATION

DOC: MED 03 (1320) Liquid-Chilling Packages Using The Vapour Compression Cycle - Method of Measurement Of Performance And Energy Efficiency Rating And Testing For Performance

DRAFT INDIAN STANDARDS TO BE PUT IN WIDE CIRCULATION

DOC:MED 03 (1235) Household frost free refrigerating appliances- Refrigerators cooled by internal forced air circulation- Characteristics and test methods –Specification (First revision)

PROPOSED DRAFT UNDER CIRCULATION

DOC:MED 03 (1345) Specification for ice cans (first revision of IS 1869:1961)

DOC:MED 03 (1346) Specification for freezers (first revision of IS 7872:1975)

DOC:MED 03 (1347) Specification for refrigerated displays cabinets (first revision of IS 9210:1979)

DOC:MED 03 (1348) Ice tanks - Specification (first revision of IS 2347:1963)

MED 04 RENEWABLE ENERGY SOURCES SECTIONAL COMMITTEE

- Scope - a) **Formulation of standards in the field of Renewable energy sources such as solar energy, wind energy, bio-gas energy, bio-mass energy etc.**
- b) **Co-ordination of work with ISO/TC 180 `Solar Energy`, ISO/TC 285 `Clean cook stoves and clean cooking rotation and IEC/TC 88 `Wind energy`.**

STANDARDS PUBLISHED

SL.NO.	IS.NO./DOC.N O.	TITLE	REAFFIRM/ PRINTED	NO.OF AMDTS
1	IS 9478:1989	Family size bio-gas plant - Code of practice (second revision)	MAY 09	
2	IS/ ISO 9847:1992	Solar Energy – Calibration of field pyranometers by comparison to reference Pyranometer	MAY 13	
3	IS 12933(PT 1):2003	Solar flat plate collector - Specification: Part 1 Requirements (second revision)	JUN 13	2
4	IS 12933(PT 2):2003	Solar flat plate collector - Specification: Part 2 Components (second revision)	JUN 13	3
5	IS 12933 (PT 3):2003	Solar flat plate collector - Specification: Part 3 Measuring instruments (first revision)	JUN 13	1
6	IS 12933(PT 5):2003	Solar flat plate collector - Specification: Part 5 Test methods (second revision)	JUN 13	2
7	IS/ISO 9488: 1999	Solar energy - Vocabulary (Superseding IS 12934:1990)	APR 10	
8	IS 12976:1990	Solar water heating systems - Code of practice	JUL 10	
9	IS 12986(PT 1):1990	Bio-gas plants - Glass fibre reinforced polyester resin gas holders - Specification Part 1 With steel frame	JUL 10	
10	**IS 13129(PT 1):1991	Solar heating - Domestic water heating systems: Part 1 Performance rating procedure using indoor test methods	MAR 10	
11	**IS 13129(PT 2):1991	Solar heating - Domestic water heating systems: Part 2 Procedures for system performance characterization and yearly performance predication	MAR 10	
12	**IS 13129(PT 3):1991	Solar heating - Domestic water heating systems: Part 3 Procedures for system component characterization and predication for yearly performance using component performance data	MAR 10	
13	**IS 13129(PT 4):1991	Solar heating - Domestic water heating systems: Part 4 Determination of durability and reliability	MAR 10	
14	IS 13152(PT 1):2013	Portable Solid bio-mass Cook stove (Chulha) - Specification (first revision)	AUG 13	
15	IS 13429(PT 1):2000	Solar cooker - Box type - Specification: Part 1 Requirements (first revision)	JUL 10	1
16	IS 13429(PT 2):2000	Solar cooker - Box type - Specification: Part 2 Components (first revision)	JUL 10	
17	IS 13429(PT	Solar cooker - Box type - Specification: Part 3	JUL 10	2

	3):2000	Test method (first revision)		
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*** INDICATES STANDARDS UNDER REVISION. ** INDICATES STANDARDS TO BE REVISED / INDICATES DUAL NUMBERED STANDARDS**

DRAFT STANDARD UNDER PRINT

ME 04 (1050) Test procedure for thermosyphon – Type Domestic Solar Hot Water Heating Systems

ME 04 (1195) Draft Indian Standard Solar energy -- Water heating systems-- Guide to material selection with regard to internal corrosion (ICS 27.160) [Adoption of ISO/TR 10217:1989(E)]

**MED 06 CONTINUOUS BULK CONVEYING, ELEVATING, HOISTING, AERIAL
ROPEWAYS AND RELATED EQUIPMENT SECTIONAL COMMITTEE**

Scope - a) Formulation of standards for conveyors, vertical hoists, bucket elevators, aerial ropeways Amusement/joy rides and related equipment like crushers screens, vibrating mills etc. and conveyors for personal transportation.

b) Co-ordination of work with ISO/TC 101 Continuous Mechanical Handling Equipment.

STANDARDS PUBLISHED

SLNO	IS.NO/DOC.NO.	TITLE	REAFFIRM/ PRINTED	NO.OF AMDTS
1	IS 3948:1986 ISO 610:1990	Specification for calibrated high tensile steel (round link) chain (electric butt welded) for chain conveyors and coal ploughs used in mines (first revision)	FEB 13	1
2	IS 4240:1984 ISO 2148:1974	Glossary of conveyors terms and definitions (first revision)	FEB 13	
3	** IS 4776(PT 1):1977	Specification for troughed belt conveyors: Part 1 Troughed belt conveyors for surface installations (first revision)	FEB 10	
4	** IS 4776(PT 2):1977	Specification for troughed belt conveyors: Part 2 Troughed belt conveyors for underground installation	FEB 10	1
5	** IS 5228:2003	Continuous movement monocable ropeways with fixed grips intended for transportation of passengers - Code of practice for the construction (First Revision)	FEB 13	
6	*IS 5229:1998	Aerial ropeways for transportation of passengers – Continuous movement monocable with automatic grips - Code of practice for design and construction (first revision)	FEB 13	
7	* IS 5230:2003	Continuous to-and-fro movement bicable ropeways intended for the transportation of passengers - Code of practice for the construction (first revision)	FEB 13	
8	IS 5563:1985 ISO 1050:1975	Specification for screw conveyors for industrial use (first revision)	FEB 11	
9	IS 5626:1990 ISO 1082:1990	Chain conveyors - Connector units, shackle type – Specification	FEB 11	
10	**IS 5895:1985	Specification for steel roller conveyors (first revision)	FEB 11	
11	**IS 6832:1985	Specification for fixing screws and fixing washers for buckets for bucket elevators (first revision)	FEB 11	
12	IS 6833:1973	Specification for bucket for bucket elevators	DEC 11	
13	** IS 6834(PT 1):1973	Specification for conveyor chains, chain wheels and attachments: Part 1 Chains	FEB 10	1
14	** IS 6834(PT 2):1976	Specification for conveyor chains, chain wheels and attachments: Part 2 Chain wheels	FEB 10	
15	** IS 6834(PT	Specification for conveyor chains, chain	FEB 10	

	3):1976	wheels and attachments: Part 3 Attachments		
16	IS 6930:1973	Dimensions for fixing arrangements of buckets for bucket elevators	OCT 11	
17	IS 7054:1973	Specification for casing for bucket elevators	OCT 11	
18	** IS 7155(P1):1986 IISO 1819:1977	Code of recommended practice for conveyor safety: Part 1 General Information (first revision)	FEB 10	
19	** IS 7155(P2):1986 IISO 1819:1977	Code of recommended practice for conveyor safety: Part 2 General safety requirements (first revision)	FEB 10	
20	** IS 7155(P3):1986	Code of recommended practice for conveyor safety: Part 3 Belt conveyors and feeders (first revision)	FEB 10	
21	** IS 7155(P4):1990	Code of recommended practice for conveyor safety: Part 4 Vibrating conveyor/feeder (first revision)	FEB 10	
22	** IS 7155(P5):1990	Code of recommended practice for conveyor safety: Part 5 Apron conveyors /Apron feeders (first revision)	FEB 10	
23	** IS 7155(P6):1990	Code of recommended practice for conveyor safety: Part 6 Selection, Training and supervision of operators (first revision)	FEB 10	
24	** IS 7155(P7):1990	Code of recommended practice for conveyor safety: Part 7 Inspection and maintenance (first revision)	FEB 10	
25	** IS 7155(P8):1994	Code of recommended practice for conveyor safety Part 8 Flight conveyors scraper conveyors) (first revision)	FEB 10	
26	IS 7167:1974	Code for selection and use of bucket elevators	OCT 11	
27	IS 7423:1974 IISO 2140:1975	Dimensions for apron conveyors	OCT 11	
28	IS 7439:1974 ISO2326:1972	Dimensions for Aero slides	JAN 09	
29	** IS 7465:1974	Specification for portable and mobile troughed belt conveyors	FEB 10	
30	IS 7649:1975	Glossary of terms used in connection with aerial ropeways and cableways	FEB 13	
31	IS 8531:1986 IISO 1536:1975	Specification for pulleys for belt conveyors (first revision)	FEB 13	
32	IS 8597:1977	Specification for flat belt conveyors	FEB 11	
33	**IS 8598:1987 IISO 1537:1975	Specification for idlers and idler sets for belt conveyors (first revision)	FEB 13	
34	IS 8599:1977	Recommendations for selection of apron conveyors	FEB 11	
35	IS 8646:1994	Conveyors - Scrapper (flight) - General requirements (first revision)	FEB 10	
36	IS 8723:1978 IISO 1049:1975	Dimensions for vibrating conveyors and feeders with rectangular or trapezoidal trough	FEB 13	

37	IS 8730:1997	Classification and codification of bulk materials for continuous material handling equipment (first revision)	FEB 13	
38	IS 9047(PT 1): 1978	Data sheet for aerial ropeways and cableways: Part 1 Data to be supplied by Intending purchaser for aerial system for transportation of goods	OCT 11	
39	IS 9047(PT 2): 1980	Data sheet for aerial ropeways and cableways: Part 2 Data to be supplied by intending purchaser for aerial system for transportation of passengers, surface	OCT 11	
40	IS 9047(PT 3): 1983	Data sheet for aerial ropeways and cableways: Part 3 Data to be supplied by intending purchaser for transportation of passenger, underground	FEB 13	
41	IS 9047(PT 4):1983	Data sheet for aerial ropeways and cableways: Part 4 Data to be supplied by intending purchaser for aerial system for transportation of goods, underground	FEB 13	
42	IS 9047(PT 6):1980	Data sheet for aerial ropeways and cableways: Part 6 Data to be supplied by intending purchaser for aerial system for transportation of forestry products	OCT 11	
43	IS 9228:1979	Specification for mono seat chairs for chairlifts used in winter sports	OCT 11	
44	IS 9413:1980	Specification for rope guide rollers for haulage ropes of bicable aerial ropeways for transportation of goods	OCT 11	
45	IS 9454:1980	Specification for bicable load carriers	OCT 11	
46	IS 9706:1997	Aerial ropeways for transport of material - Construction and design - Code of practice (first revision)	FEB 13	
47	IS 11168(PT 1):1985	Data sheet for aerial ropeways and cableways to be provided to intending purchaser and user Part 1 Data to be supplied for aerial ropeways system for transportation of goods. surface	FEB 11	
48	** IS 11592: 2000	Selection and design of belt conveyors - Code of practice (first revision)	FEB 11	1
49	IS 11619:1986 ISO 5612:1990	Specification for scrapers bar for armored face conveyors	FEB 13	
50	IS 12060:1987	Code of practice for selection of rotary vane feeders	FEB 13	
51	IS 12101:1987	Specification for roller type hold-back device	FEB 13	
52	IS 12108:1987	Code of practice for selection of rotary table feeders	FEB 13	
53	IS 12204:1987	Code of practice for selection of reciprocating feeders	FEB 13	
54	IS 12215:1987	Code of practice for selection of belt feeders	FEB 13	

55	IS 12400:1988	Code of practice for selection of electromagnetic feeders	FEB 13	
56	IS 12401:1988	Code of practice for selection of mechanical vibrating feeders	FEB 13	
57	IS 12907:1990	Screw feeder – Purchaser’s data sheet	FEB 11	
58	IS 12941:1990	Code of practice for selection and use of super capacity bucket elevator	FEB 11	
59	IS 12959:1990	Technical supply requirements for sprocket wheels for link chains	OCT 11	
60	IS 12960:1990 /ISO 7119:1981	Determination of power requirements of screw feeders – General requirements	FEB 11	
61	**IS 12961: 1990	U-Link for chains for bucket elevators – Specification	FEB 11	
62	IS 13324:1992	Screw feeders – General requirements	FEB 13	
63	* IS 14169: 1994	Recommendations for type selection of feeders	FEB 10	
64	IS 14188:1994	Conveyor system –Maintenance facilities-Design parameters.	OCT 11	
65	IS 14386:1996	Belt conveyors - Travelling tripper - Motorised-for belt widths 650 mm to 1600 mm - Dimensions	OCT 11	
66	IS 15475(Part 1): 2004	Code of recommended practice for amusement rides safety Part 1: General information	FEB 10	
67	IS 15475(Part 2):2004	Code of recommended practice for amusement rides safety Part 2: Safety requirements	FEB 10	
68	IS 15475(Part 3):2004	Code of recommended practice for amusement rides safety Part 3 Design, manufacture and erection	FEB 10	
69	IS 15475(Part 4):2004	Code of recommended practice for amusement rides safety Part 4: Selection, training and supervision of operators	FEB 10	
70	IS 15475(Part 5):2004	Code of recommended practice for amusement rides safety Part 5: Operation and maintenance procedures	FEB 10	
71	IS 15475(Part 6):2004	Code of recommended practice for amusement rides safety Part 6: Performance tests	FEB 10	
72	IS 15492(part 1):2004	Code of recommended practice for safety in water parks: Part 1 General information	FEB 10	
73	IS 15492 (Part 2):2004	Code of recommended practice for safety in water parks: Part 2 Safety requirements	FEB 10	
74	IS 15492(Part 3):2004	Code of recommended practice for safety in water parks: Part 3 Instructions	FEB 10	

75	IS 15530:2004 /ISO 1977:2004	Conveyor chains, attachments and sprockets – Specification	FEB 10	
76	IS 15534:2004 /ISO 5031:1977	Continuous mechanical handling equipment for loose bulk materials - Coupling and hose components used in pneumatic handling - Safety code	FEB 10	
77	IS 15535:2004 /ISO 2327:1972	Pneumatic handling appliances for loose bulk materials – Piping	FEB 10	
78	IS 15536:2004 /ISO 3284:1974	Continuous mechanical handling equipment for loose bulk materials - Dimensions of bends for use in pneumatic handling	FEB 10	

*** INDICATES STANDARDS UNDER REVISION. ** INDICATES STANDARDS TO BE REVISED / INDICATES DUAL NUMBERED STANDARDS. | INDICATES EQUIVALENT STANDARDS**

DRAFT STANDARD UNDER PRINT.

DOC: MED O6 (1109) Draft Indian Standard – Recommendation for type selection of feeders (First Revision of IS 14169: 1994)

DRAFT COMPLETED WIDE CIRCULATION

DOC: ME 06 (1113) Continuous to-and-fro movement bicable ropeways intended for the transportation of passengers - Code of practice for the construction (Second revision of IS 5230:2003)

DOC: ME 06(1128) Aerial ropeways for transportation of passengers – Continuous movement monocable with automatic grips - Code of practice for design and construction (Second revision of IS 5229: 1998)

DOC: ME06 (1132) Continuous movement monocable ropeways with fixed grips intended for transportation of passengers - Code of practice for the construction (Second revision of IS 5228: 1998)

MED 07 MATERIAL HANDLING SYSTEMS AND EQUIPMENT SECTIONAL COMMITTEE

Scope -1) Formulation of standards for terminology, general design and construction, classification, ratings, leading dimensions, safety code of operation and maintenance and testing and inspection methods of mechanical, pneumatic and hydraulic bulk handling systems and equipment for loose bulk material including fluid material and unit loads (other than those covered by Conveyors, Vertical Hoists and Bucket Elevators Sectional Committee, MED 6) such as:

- a) Unloading equipment such as wagon tipplers, wagon marshalling equipment, wagon unloading equipment and ship un-loaders
 - b) Stacking and loading equipment such as stackers, reclaimers, ship, wagon and truck loaders
 - c) Hydraulic conveying equipment such as coal and ash conveying equipment
 - d) Pneumatic conveying equipment such as food grains, cement, fertilizer, ash and pulverized conveying equipment;
 - e) Batching and bagging equipment such as automatic bag filling machines and automatic weighing and bagging equipment
 - f) Earth-moving machinery and equipment.**
 - g) Non-powered material handling equipment such as hand-trucks, platform trucks, Lifting tables, pallet trucks, stillage lifting trucks and all types of trolleys, wheel barrows
- 2) Co-ordination of work with ISO/TC 127 'Earth Moving, Machinery' and ISO/TC 110 Industrial Trucks".

STANDARDS PUBLISHED

S.No	IS.NO./DOC.NO.	TITLE	REAFFIRM/ PRINTED	NO.OF AMDTS
1.	IS 2431:1963	Specification for Steel wheel barrows (single wheel type)	MAR 12	
2.	IS 4184:1967	Specification for Steel wheel barrows (with two wheels)	MAR 12	1
3.	*IS 4988(PT 4):1968	Glossary of terms and classification of earth moving machinery: Part 4 Excavators	MAR 12	
4.	IS 5324:1996	Hand operated stillage truck - Lifting truck (hand elevating) - Specification (second revision)	MAR 12	
5.	IS 5387:1969 ISO 1756:1975	Dimensions for stillages	JAN 13	2
6.	IS 5972:1970	Glossary of pneumatic and hydraulic conveying terms and definitions	JAN 11	
7.	*IS 6839(PT 2):1998	Glossary of terms relating to non-powered materials handling equipment, Part 2 Hand trucks and trolleys (first revision)	OCT 13	
8.	IS 7369:1983	Specification for wheels and castors(first revision)	MAR 12	
9.	IS 7439:1974 ISO 2326:1972	Dimensions for aero slides	OCT 13	
10.	IS 8015:1996	Hand trolley for oil drums (first revision)	MAR 12	
11.	IS 8016:1996	Hand trolley for gas cylinders (oxygen and dissolved acetylene) for industrial use Specification (first revision)	MAR 12	
12.	IS 8049:1988	Specification for platform trucks (second revision)	MAR 12	
13.	IS 8647:1977	Design criteria for pneumatic conveying systems	JAN 11	
14.	IS 9776:1981	Data sheet for selection of weighing-cum-tipping/bag filling machines for bulk handling equipment	MAR 12	
15.	IS 9777:1981	Data sheet for selection of weigh bridges for bulk handling equipment	MAR 12	

16.	IS 10095:1982	Guidelines for selection of tippers for broad gauge open railway wagons	MAR 12	
17.	IS 10223:1982	General requirements for tow-casters system for transportation of freight containers	JAN 13	
18.	IS 10303:1993 /ISO 6749:1984	Earth moving machinery - Preservation and storage (first revision)	FEB 09	
19.	IS 10443:2006	Data sheet for selection of marine loading arms (first revision)	MAR 12	
20.	IS 10463(PT2):1985	Glossary of terms for bulk handling equipment: Part 2 Stacking Loading and reclaiming equipment	SEP 09	
21.	IS 10463(PT 6):1983	Glossary of terms for bulk handling equipment Part 6 Cyclic loose bulk handling equipment (non-stationary)	OCT 13	
22.	IS 10464:1983	Data sheet for selection of wagon puller/pusher	OCT 13	1
23.	IS 10506:1996	Trolleys for carrying jute bales - Specification (First Revision)	MAR 12	
24.	IS 10525:1983	Specification for general purpose drinking water trolley	MAR 12	1
25.	IS 10678:1983	Data sheet for design and selection of vacuum producer	OCT 13	
26.	IS 10689:1993 / ISO 2860:1992	Earth moving machinery - Minimum access dimensions (first revision)	JAN 11	
27.	IS 10856:1993 /ISO 6484:1986	Earth-moving machinery - Elevating scrapers - Volumetric ratings (first revision)	FEB 09	
28.	IS 10859:1993 /ISO 6483:1980	Earth-moving machinery - Dumper bodies - Volumetric ratings (first revision)	FEB 09	
29.	IS 11113:1999 / ISO 5353:1995	Earth moving machinery and tractors and machinery for agriculture and forestry - Seat index point (second revision)	SEP 09	
30.	IS 11114(PT 2):2006 /ISO 6746-1:2003	Earth-moving machinery - Definitions of dimensions and codes: Part 2 Base machines (second revision)	JAN 13	
31.	IS 11114(PT 3):2006 /ISO 6746-2:2003	Earth-moving machinery - Definitions of dimensions and codes: Part 3 Equipment and attachments (second revision)	JAN 13	
32.	IS 11249:1985	Data sheet for selection of front end loaders	SEP 09	
33.	IS 11252:1993 /ISO 6682:1986	Earth-moving machinery - Zones of comfort and reach for controls (first revision)	FEB 09	
34.	IS 11496:1985	General and performance test requirements of pallet truck and stillage truck	MAR 12	
35.	IS 11738(PT 1):1993	Bulk handling equipment - Crawler tractors - Data sheet : Part 1 Information to be supplied by purchaser (first revision)	OCT 13	
36.	IS 11738(PT 2):1993	Bulk handling equipment - Crawler tractors - Data sheet, Part 2 Information to be supplied by manufacturers/suppliers (first revision)	OCT 13	
37.	IS 12137:1987	General requirements of wagon puller/pusher	JAN 13	
38.	IS 12140:1987	Data sheet for selection of dumpers	SEP 09	
39.	IS 12206:1993 /ISO 7546:1983	Earth-moving machinery - Loader and front loading excavator buckets - Volumetric ratings (first revision)	FEB 09	
40.	IS 12209:1993 /ISO 7130:1981	Earth-moving machinery - Guide to procedure for operator training (first revision)	FEB 09	

41.	IS 12359:1988	Guide for selection of wheels and castors	MAR 12	
42.	IS 12402(Pt 1):1988	Mobile containers for solid waste, Part 1 General characteristics	MAR 12	
43.	IS 12402(Pt 2):1988	Mobile containers for solid waste, Part 2 Methods of test	MAR 12	
44.	IS 12567:1989 ISO 3284:1974	Pneumatic handling equipment - Bends – Dimensions	OCT 13	
45.	IS 12645:1993 /ISO 9246:1988	Earth-moving machinery - Crawler and wheel tractor dozer blades - Volumetric ratings (first revision)	FEB 09	
46.	IS 12663(Pt 1):1989	Bulk handling equipment - Reclaimer - Data sheet for selection: Part 1 Scraper reclaimer (Rail Mounted)	OCT 13	
47.	IS 12663(Pt 2):1999	Bulk handling equipment – Reducer - Data sheet for bucket wheel reclaimer (rail mounted): Part 2 Information to be supplied by the purchaser	JAN 11	
48.	IS 12663(Pt 3):2000	Bulk handling equipment – Reducer - Data sheet for bucket wheel reclaimer (rail mounted): Part 3 Information to be supplied by the manufacturer	OCT 13	
49.	IS 12669(Pt 1):1989	Bulk handling equipment – Hydraulic excavator – Data sheet for selection	OCT 13	
50.	IS 13065:1991	Bulk handling equipment - Wagon marshalling equipment – Endless rope type - General requirements	MAR 12	
51.	IS 13076:1991	Hand trolley for carrying mail bags – Specification	JAN 13	
52.	IS 13081:1991	Earth moving machinery - Symbols - Guidelines for development and evaluation	MAR 12	
53.	IS 13082(Pt 1):1991	Bulk handling equipment - Ship unloader - Gantry mounted grab type - Code of practice for design, manufacture and erection: Part 1 Mechanical and structural requirements	MAR 12	
54.	IS 13082(Pt 2):1991	Bulk handling equipment - Ship unloader - Gantry mounted grab type - Code of practice for design, manufacture and erection, Part 2 Electro-mechanical -Requirements	MAR 12	
55.	IS 13082(Pt 3):1991	Bulk handling equipment - Ship unloader - Gantry mounted grab type - Code of practice for design, manufacture and erection, Part 3 Information to be supplied by purchaser and the manufacturer	MAR 12	
56.	IS 13113:1991	Bulk handling equipment - Wagon marshalling equipment – Endless rope type - Data sheet	MAR 12	
57.	* IS 13116:2006 /ISO 9249:1997	Earth moving machinery - Engine test code - Net power (second revision)	MAR 12	
58.	IS 13148(Pt 1):1999 /ISO 5049-1:1994	Mobile equipment for continuous handling of bulk materials – Part 1 Rules for the design of steel structure (first revision)	SEP 09	
59.	IS 13253:1992 /ISO 8925:1989	Earth-moving machinery - Diagnostic ports	FEB 09	
60.	IS 13652:1993	Bulk handling equipment - Dumper - Supplier's data sheet	OCT 13	
61.	IS 13685(Pt 1):1993	Bulk handling equipment - Ship loader – Rail mounted -Data sheet for selection Part 1 information to be supplied by the purchaser	OCT 13	

62.	IS 13685(Pt 2):1993	Bulk handling equipment - Ship loader – Rail mounted - Data sheet for selection Part 2 Information to be supplied by manufacturer/supplier	OCT 13	
63.	IS 13768:1999 /ISO 3164:1995	Earth moving machinery - Laboratory evaluations of protective structure- Specification for deflection limiting volume (first revision)	JAN 13	
64.	IS 13811:1993	Air cargo (bulk) trolley - Specification	MAR 12	
65.	IS 13936:1994	Bulk handling equipment - Wheeled loaders - General requirements	OCT 13	
66.	IS 13945:1994	Bulk handling equipment - Bagging machines (electronic type) –Data sheet	SEP 09	
67.	IS 13951:1994	Heavy item lift platform for Aircraft/Airport operations – General requirements	MAR 12	1
68.	IS 13989:1994	Bulk handling equipment - Bagging machines (mechanical type) - Design and construction - General requirements	SEP 09	
69.	IS 13992:1994	Bulk handling equipment - Bagging machines (electronic type) - Design and construction - General requirements	SEP 09	
70.	IS 14130:1994	Hydraulic lifting table – Specification	MAR 12	
71.	IS 14416:1996	Bulk handling equipment boom type - Bucket wheel reclaimer - Rail mounted - Design, manufacture and erection - Code of practice	MAR 12	
72.	IS 14417:1996	Bulk handling equipment - Single boom slewable stacker –Rail mounted - Design, manufacture and erection – Code of practice	MAR 12	
73.	IS 14418:1996	Bulk handling equipment - Ship loader - Rail mounted - Design, manufacture and erection – Code of practice	MAR 12	
74.	IS 14704:1999	Bulk handling equipment - Bag stacker-cum-loader/uploader - Portable – Design and construction – General requirements	SEP 09	
75.	IS 15367(Pt 1):2003	Bulk handling equipment - Stacker (Rail mounted) Part 1 General requirements	OCT 13	
76.	IS 15367(Pt 2):2003	Bulk handling equipment - Stacker (rail mounted) Part 2 Data to be furnished by the purchaser	OCT 13	
77.	IS 15367(Pt 3):2003	Bulk handling equipment - Stacker (rail mounted) Part 3 Data to be furnished by the manufacturer/supplier	OCT 13	
78.	IS/ISO 2867:2006	Earth moving machinery – Access system(second revision) (superseding IS 10704:1999)	MAR 09	
79.	IS/ ISO 3411:2007	Earth moving machinery - Physical dimensions of operators and minimum operator space envelope (Superseding IS 1115:1999)	AUG 10	
80.	IS/ISO 3449:2005	Earth moving machinery - Falling-object protective structures - Laboratory tests and performance requirements (Superseding IS 13769:1993)	JAN 13	
81.	IS/ISO 3457:2003	Earth-moving machinery - Guards - Definitions and requirements	FEB 12	
82.	IS/ISO 3471:2008	Earth-Moving Machinery- Roll-Over Protective Structures -Laboratory Tests and Performance requirements	AUG 12	
83.	IS/ISO 5006:2006	Earth-moving machinery-Operator field of view- Test Method and Performance criteria	JAN 13	

84.	IS /ISO 6165:2006	Earth-moving machinery - Basic types – Identification and terms and definitions (Superseding IS 12138:1993)	AUG 10	
85.	IS/ISO 6747:1998	Earth-moving machinery - Tractor-dozers - Terminology and commercial specifications [Superseding IS 4988(Part 2):1968]	APR 12	
86.	IS/ISO 6750:2005	Earth-moving machinery - Operation and maintenance – Format and content of manuals (Superseding IS 10280:1993)	JAN 13	
87.	IS/ISO 7131:1997	Earth-moving machinery – Definitions of dimensions and symbols: Part 4 Loaders--- Terminology and commercial specifications [Superseding IS 11114 (PT 4):1993]	JAN 13	
88.	IS/ISO 7133:1994	Earth-moving machinery - Tractor-scrapers - Terminology and commercial specifications[Superseding IS 4988 (Part 3):1968]	MAY 12	
89.	IS/ISO 7134:1993	Earth-moving machinery - Graders - Terminology and commercial specifications (Superseding IS 4988 (Part 5):1968	APR 12	
90.	IS/ISO 7135:2009)	Earth Moving Machinery- Hydraulic Excavators Terminology and commercial specification	APR 14	
91.	IS/ISO 7451:2007	Earth-moving machinery - Volumetric ratings for hoe-type and grab-type buckets of hydraulic excavators and backhoe loaders (Superseding IS 12192:1993)	FEB 09	
92.	IS/ISO 8643:1997	Earth-moving machinery - Hydraulic excavator and backhoe loader boom-lowering control device - Requirements and tests	DEC 11	
93.	IS/ISO 9244 :2008	Earth-moving machinery- Machine safety labels- General Principles	SEP 12	
94.	IS/ISO 9248:1992	Earth moving machinery – Units for dimensions, performance and capacities and their measurement accuracies	MAR 12	
95.	IS/ISO 10265:2008	Earth-moving machinery-Crawler machines- Performance requirements and test procedures for Braking systems	SEP 12	
96.	IS/ISO 10968:2004	Earth-moving machinery - Operator’s controls	DEC 11	
97.	IS/ISO 11112:1995	Earth-moving machinery - Operator’s seat - Dimensions and requirements	FEB 12	
98.	IS/ISO 20474-1:2008	Earth moving machinery – Safety - Part 1: General requirements	FEB 13	
99.	IS/ISO 20474-2:2008	Earth moving machinery – Safety - Part 2: Requirements for tractor-dozers	JAN 13	
100.	IS/ISO 20474-3:2008	Earth moving machinery – Safety - Part 3: Requirements for loaders	JAN 13	
101.	IS/ISO 20474-4:2008	Earth moving machinery – Safety - Part 4: Requirements for backhoe loaders	JAN 13	
102.	IS/ISO 20474-5:2008	Earth moving machinery – Safety - Part 5: requirements for hydraulic excavators	JAN 13	
103.	IS/ISO 20474-6:2008	Earth moving machinery – Safety - Part 6: Requirements for dumpers	JAN 13	
104.	IS/ISO 20474-8:2008	Earth Moving Machinery – Safety: Part 8 Requirements for graders	APRIL 14	
105.	IS/ISO 20474-9:2008	Earth Moving Machinery – Safety: Part 9 Requirements for pipelayers	APR 14	
106.	IS/ISO 22877:2004	Castors and wheels - Vocabulary, symbols and multilingual terminology [Superseding IS 6839(Part 1):1994]	MAR 11	

107.	IS/ISO 22883:2004	Castors and wheels – Requirements for applications up to 1.1.m/s (4km/h) (Superseding IS 7261:1985)	OCT 13	
108.	IS/ISO 22884:2004	Castors and wheels – Requirements for applications over 1.1.m/s (4km/h) and up to 4.4 m/s (16km/h) (Superseding IS 7261:1985)	OCT 13	

- **INDICATES STANDARDS UNDER REVISION. ** INDICATES STANDARDS TO BE REVISED**
- **/INDICATES DUAL NUMBERED STANDARDS. | INDICATES EQUIVALENT STANDARDS**

DRAFT STANDARDS UNDER PRINT

DOC: MED07 (1172) Draft Indian Standard Earth Moving Machinery – Safety: Part 7 Requirements for scrapers (adoption of ISO 20474-7:2008)

DOC: MED07 (1175) Draft Indian Standard Earth Moving Machinery – Safety: Part 10 Requirements for trenchers (adoption of ISO 20474-10:2008)

DOC: MED07 (1176) Draft Indian Standard Earth Moving Machinery – Safety: Part 11 Requirements for earth and landfill compactors (adoption of ISO 20474-11:2008)

DOC: MED07 (1177) Draft Indian Standard Earth Moving Machinery – Safety: Part 12 Requirements for cable excavators (adoption of ISO 20474-12:2008)

DOC: MED07 (1178) Draft Indian Standard Earth Moving Machinery – Safety: Part 13 Requirements for rollers (adoption of ISO 20474-13:2008)

DRAFT STANDARDS FINALIZED BUT NOT YET UNDER PRINT

DOC: MED07 (1209) Draft Indian Standard Earth Moving Machinery- Safety Part 14 Information Indian Provisions

Doc ME 07 (1236) Draft Indian Standard Performance requirements and test procedures of braking systems for wheeled high speed rubber tracked earth moving machines and all types of construction equipment vehicles

Doc ME 07 (1237) Draft Indian Standard Earth –moving machinery rubber tyred machines steering requirements

Doc ME 07 (1261) Draft Indian Standard Earth –moving machinery-Access systems. (Adoption of ISO 2867:2011)

Doc ME 07 (1262) Draft Indian Standard Earth –moving machinery-Basic types-Identification and terms and definitions. (Adoption of ISO 6165:2012)

Doc ME 07 (1263) Draft Indian Standard Earth –moving machinery-Dozers-Terminology and commercial specification. Adoption of ISO 6747:2013

Doc ME 07 (1264) Draft Indian Standard Earth –moving machinery-Loaders-Terminology and commercial specification. Adoption of ISO 7131:2009)

DRAFT SENT INTO WIDE CIRCULATION

- Doc: MED 07 (1321) Draft Indian Standard Earth moving machinery - Laboratory evaluations of protective structure- Specification for deflection limiting volume; ICS 53.100 (Adoption of ISO 3164)
- Doc: MED 07 (1322) Draft Indian Standard Earth-moving machinery — Visual display of machine operation; ICS 53.100 (Adoption of ISO 6011)
- Doc: MED 07 (1323) Draft Indian Standard Earth moving machinery - Determination of Ground Speed; ICS 53.100 (Adoption of ISO 6014)
- Doc: MED 07 (1324) Draft Indian Standard Earth-moving machinery — Determination of sound power level —Dynamic test conditions; ICS 17.140.20; 53.100 (Adoption of ISO 6395)
- Doc: MED 07 (1325) Draft Indian Standard Earth-moving machinery — Determination of emission sound pressure level at operator's position —Dynamic test conditions; ICS 17.140.20; 53.100 (Adoption of ISO 6396)
- Doc: MED 07 (1326) Draft Indian Standard Earth-moving machinery — Symbols for operator controls and other displays — Part 1: Common symbols ICS 01.080.20; 53.100 (Adoption of ISO 6405-1)
- Doc: MED 07 (1327) Draft Indian Standard Earth-moving machinery — Symbols for operator controls and other displays — Part 2: Specific Symbols for machines, equipment and accessories ICS 01.080.20; 53.100 (Adoption of ISO 6405-2)
- Doc: MED 07 (1328) Draft Indian Standard Earth-moving machinery — Operator training — Content and methods ICS 03.100.30; 53.100 (Adoption of ISO 7130)
- Doc: MED 07 (1329) Draft Indian Standard Earth-moving machinery - Tractor-scrapers - Terminology and commercial specifications (first revision); ICS 53.100; 01.040.53 (Adoption of ISO 7133)
- Doc: MED 07 (1330) Draft Indian Standard Earth-Moving Machinery—Graders- Terminology And Commercial- Specifications ICS 53.100; 01.040.53 (Adoption of ISO 7134)
- Doc: MED 07 (1331) Draft Indian Standard Earth-moving machinery -- Determination of turning dimensions of wheeled machines; ICS 53.100 (Adoption of ISO 7457)
- Doc: MED 07 (1332) Draft Indian Standard Earth-moving machinery — Machine-mounted audible travel alarms and forward horns — Test methods and performance criteria; ICS 53.100 (Adoption of ISO 9533)
- Doc: MED 07 (1333) Draft Indian Standard Earth-moving machinery — Hydraulic excavators — Laboratory tests and performance requirements for operator protective guards ICS 53.100 (Adoption of ISO 10262)
- Doc: MED 07 (1334) Draft Indian Standard Earth-moving machinery — Operator enclosure environment — Part 2: Air filter element test method ICS 53.100 (Adoption of ISO 10263-2)
- Doc: MED 07 (1335) Draft Indian Standard Earth-moving machinery — Operator enclosure environment — Part 3: Pressurization test method ICS 53.100 (Adoption of ISO 10263-3)
- Doc: MED 07 (1336) Draft Indian Standard Earth-moving machinery — Operator enclosure environment — Part 3: Pressurization test method ICS 53.100 (Adoption of ISO 10532)
- Doc: MED 07 (1337) Draft Indian Standard Earth-moving machinery - Lift-arm support devices ICS 53.100; (Adoption of ISO 10533)
- Doc: MED 07 (1338) Draft Indian Standard Earth-moving machinery — Hydraulic excavators — Lift capacity ICS 53.100 (Adoption of ISO 10567)

MED 08 MINING TECHNIQUES AND EQUIPMENT SECTIONAL COMMITTEE

- Scope - a) Formulation of Indian Standards relating to basic mining techniques and equipment.
b) Coordination of work with ISO/TC 82 'Mining'

STANDARDS PUBLISHED

SLNO	IS.NO./DOC.NO.	TITLE	REAFFIRM/ PRINTED	NO.OF AMDTS
1	*IS 4001:1995	Mine tubs - Specification (second revision)	OCT 10	
2	IS 4005:1967	Specification for tungsten carbide for mining tools	JAN 10	
3	IS 5114:1969	Specification for reflectorized signs for mines	JAN 10	
4	IS 7577:1986	Specification for gas testing flame safety lamps (first revision)	JAN 10	1
5	IS 7587(Pt 1):2004	Cage suspension gear for winding in mines - Specification Part 1 General requirement (first revision)	JAN 10	
6	IS 7587(Pt 2):2006	Cage suspension gear for winding in mines- Specification Part 2 Cattles (second revision)	MAR 12	
7	IS 7587(Pt 3):2006	Cage suspension gear for winding in mines:- Specification Part 3 Shackles and pins (first revision)	MAR 12	
8	IS 7587(Pt 4):2006	Cage suspension gear for winding in mines- Specification Part 4 Bridle chains (First Revision)	MAR 12	
9	IS 7587(Pt 5):2006	Cage suspension gear for winding in mines - Specification Part 5 Distribution plates (first revision)	MAR 12	2
10	IS 7587(Pt 6):2006	Cage suspension gear for winding in mines – Specification Part 6 Safety detaching hooks (4 plate type) 80 and 100 kN Capacity (first revision)	MAR 12	
11	*IS 7587(Pt 7):2000	Cage suspension gear for winding in mines - Specification Part 7 Safety detaching hooks (4 plate type) 120, 150 and 200 kN capacity	OCT 10	
12	IS 7587(Pt 8):1993	Winding in mines - Suspension gear Part 8 Clivey hook suspension arrangements	JUN 13	
13	IS 7974(Pt 1):1976 IISO 710-1:1974	Graphical symbols for use on detailed maps, plans and geological cross sections:Part 1 General rules of representation	JAN 10	
14	IS 7974(Pt 2):1977 IISO 710-2:1974	Graphical symbol for use on detailed maps, plans and geological cross sections Part 2 Representation of sedimentary rocks	JAN 10	
15	IS 7974(Pt 3):1976 IISO 710-3:1974	Graphical symbols for use on detailed maps, plans and geological cross sections: Part 3 Representation of magnetic rocks	JUN 13	
16	IS 8003:1976	Specification for wheel axle assemblies for mine cars (first revision)	JUN 13	1
17	IS 8066:1976	Specification for mine cars	JAN 10	1

18	IS 8166:1988 ISO 1717:1974	Specification for rotary drill bits for drilling principally in coal (First revision)	JUN 13	
19	IS 8421:1977	Specification for hydraulic props	JAN 10	
20	IS 8473:1988	Specification for link bars used in mines (first revision)	JUN 13	
21	* IS 8534(PT 1): 2005	Mine tub couplings and drawbars Part 1 General requirements (second revision)	JAN 10	
22	*IS 8534(PT 2):1995	Mine tub couplings and drawbars: part 2 C link and D-shackle type (first revision)	OCT 10	1
23	*IS 8534(PT 3):1995	Mine tub couplings and drawbars Part 3 R-Shackle and link type (first revision)	OCT 10	
24	*IS 8534(PT 4):1995	Mine tub couplings and drawbars Part 4 F-Shackle and link type (first revision)	OCT 10	
25	*IS 8534(PT 5):2005	Mine tub couplings and drawbars: Part 5 Drawbars (first revision)	JAN 10	
26	*IS 8534(PT 6):1995	Mine tub couplings and drawbars: Part 6 Hook and D-shackle type	OCT 10	1
27	IS 9011:1978	Specification for skip suspension gear for winding in mines	JAN 10	1
28	IS 9123:1979	Specification for battery locomotives for use in mines	OCT 10	
29	IS 9170(PT 1):1979	Endless haulage clips: Specification Part 1 General requirements (First Revision)	OCT 10	
30	IS 9170(PT 2):2005	Endless haulage clips Specification : Part 2 Screw clip, camclip, smallmanclip and wedgeclip	OCT 10	
31	* IS 9170(PT 3):2005	Endless haulage clips Specification : Part 3 Lashing chain	OCT 10	
32	**IS 9171:1979	Code of practice for maintenance and use of friction and hydraulic props and link bars	JAN 10	
33	IS 9192:1979	Specification for Flame proof hand-held rotary drilling machine for use in mines	JAN 10	
34	IS 9203(PT 1):1979	Specification for Friction rollers for mine haulage tracks: Part 1 Technical supply conditions	JAN 10	
35	IS 9203(PT 2):1979	Specification for Friction rollers for mine haulage tracks: Part 2 Parallel rollers	JAN 10	
36	IS 9203(PT 3):1979	Specification for Friction rollers for mine haulage tracks: Part 3 Tapered and vertical rollers and horizontal and vertical pulleys	JAN 10	
37	IS 9203(PT 4):1979	Specification for Friction rollers for mine haulage tracks: Part 4 Rollers with non-metallic rope bearings surfaces	JAN 10	
38	IS 9227:1979	Specification for Friction roller mountings for mine haulage tracks	JAN 10	
39	IS 9239:1999	Winding in mines – Sheaves - Cast – Specification (First Revision)	JAN 10	1
40	IS 9494:1980	Specification for man-riding cars used in mines	OCT 10	
41	IS 9910:1981	Method for braze strength testing of coal and rock cutting tools with laid-on tungsten-	JAN 10	

		carbide tips		
42	IS 9999:1981	Specification for Specification for diesel locomotives for use in mines	JUN 13	1
43	IS 10046:1981	Specification for dog spikes for mine haulage tracks	JUN 13	
44	IS 10202:1982	Specification for scrapers used in mines	JUN 13	
45	IS 10970:1984	Specification for keps for mine cages	OCT 10	
46	IS 11311:2011	Technical requirements for loaders for use in underground mines (First Revision)	OCT 11	
47	IS 11862:1986	Specification for hydraulic load cell	OCT 10	
48	IS 12450(PT 1):1988	Steel head frames for mines Part 1 Principles of load computation and applicable factors of safety	JUN 13	
49	**IS 12464:1988	Methods of test for roof bars used in mines	JAN 10	
50	IS 12488:1988	Specification for haulage rope cappels	JAN 10	
51	IS 12489:1988	Recommendations for fitting terminal wire rope sockets by the cone and ail method	JUN 13	
52	IS 12526:1988	Specification for bucket for shaft sinking operations in mines	JUN 13	
53	IS 12527:1988	General requirements for riders for buckets used in shaft sinking operations in mines	JUN 13	
54	*IS 13163:1991	Mine haulage tracks - Laying - Code of practice	OCT 10	
55	*IS 13201:1991	Mine haulage tracks - Rails and fish plates - General requirements	OCT 10	
56	*IS 13202:1992	Mine haulage tracks - General requirements	JUN 13	
57	*IS 13210:1991	Mine haulage tracks - Switches and crossings - General requirements	OCT 10	
58	**IS 13219:1992	Rock bolts for mines (cement grouted) - General r requirements	JUN 13	
59	IS 13230:1992	Graphical symbols for use on mine plans	JUN 13	
60	IS 13282:1991	Mine haulage tracks - Track sleepers - General requirements	OCT 10	
61	**IS13517:1992	Rock bolts - Resin type - Specification	JUN 13	
62	IS 13618:1992	Mine haulages - Direct rope (50 to 150 kW) – General requirements	JUN 13	
63	IS 14352:1996	Miners safety goggles - Specification	MAR 12	
64	IS 14480:2006	Side discharge loaders for underground coal mines – Safety requirements, operation and maintenance– Code of practice (first revision)	MAR 12	
65	IS 14567:1999	Winding in mines - Design of cages – Guideline	JUN 13	

66	IS 14778:2000	Portable methanometer (Interferometer type) – Specification	JAN 10	
67	IS 15838(Pt 1 to 10):2008	Mining – Glossary of terms	JUN 13	

*** INDICATES STANDARDS UNDER REVISION. ** INDICATES STANDARDS TO BE REVISED**
| INDICATES EQUIVALENT STANDARDS

DRAFT INDIAN STANDARDS UNDER PRINT

DOC: ME 08(0932) Mine haulage tracks – Rails and fish plates – Switches and crossings – Laying – General requirements (Amalgamating of IS 13163:1991, IS 13201:1991, IS 13202:1992 and IS13210:1991)

DOC:ME 08(1047) Mine tub couplings and drawbars for use in mines – Specification (third revision of IS 8534(Pt -1):2005]

DOC:ME 08(1048) Mine tubs' – Specifications (third revision of IS 4001:1995)

DOC:ME 08(1051) Cage suspension gear for winding in mines – Specification Part 7 Safety detaching hook (4 plate type) 120, 150 and 200 kN capacity (First Revision of IS 7587 (Pt 7)

DRAFT INDIAN STANDARD COMPLETED WIDE CIRCULATION

DOC:MED 08 (1200) Man riding haulages (Car) System for transportation of persons in mines – General Requirements

DOC: MED 08 (1249) Man riding chair lift system for transportation of persons in mines – General requirements

DOC: MED 08 (1250) Management System for Eco friendly Non cool; mining operations – Requirements

DOC: MED 08 (1251) Graphical symbols for use on detailed maps, plans and geological cross sections- Part 4:Representations of metamorphic rocks (Adoption of ISO/ISO 710-4: 1982)

DOC :MED 08 (1252) Graphical symbols for use on detailed maps, plans and geological cross sections Part 5 Representation of Minerals (Adoption of IS/ISO 710-5: 1989)

DOC: MED 08 (1253) Graphical symbols for use on detailed maps, plans and geological cross sections part 6 Representation of contact rocks and rocks which have undergone metasomatic, pneumatolytic or hydrothermal transformation or transformation by weathering (Adoption of IS/ISO 710-6 :1984

DOC:MED 08(1254) Graphical symbols for use on detailed maps, plans and geological cross sections Part 7 Tectonic symbols (IS/ISO 710-7 : 1984)

DOC: MED 08 (1256) Amendment 1 to IS 7587 (Part 2) :2006 Cage suspension gear for winding in mines- Specification Part 2 Cattles (second revision)

DOC: MED 08 (1257) Amendment 1 to IS 7587 (Part 3) :2006 Cage suspension gear for winding in mines:- Specification Part 3 Shackles and pins (first revision)

MED 10 WIRE ROPES AND WIRE PRODUCTS SECTIONAL COMMITTEE

Scope - a) Formulation of standards on wire ropes and standards for strands for different purposes; wire products, wire ropes and fittings.

b) Co-ordination of work with ISO/TC 82 Mining and ISO/TC 105 Wire ropes.

STANDARDS PUBLISHED

SLNO	IS.NO./DOC.NO.	TITLE	REAFFIRM/ PRINTED	NO.OF AMDTS
1	IS 278:2009	Galvanized steel barbed wire for fencing (fourth revision)	AUG 09	
2	IS 1855:2003	Stranded steel wire ropes for winding and man riding haulages in mines (second revision)	JUNE 13	1
3	IS 1856:2005	Steel wire ropes for haulage purposes (third revision)	FEB 10	2
4	IS 2140:1978	Stranded galvanized steel wire for fencing (first revision)	MAR 12	
5	IS 2141:2000	Hot dip galvanized stray strand - Specification (fourth revision)	FEB 11	
6	IS 2265:2009	Galvanized steel wire strand for signalling purpose (second revision)	JUL 09	
7	IS 2266:2002 ISO 2408:1973	Steel wire ropes for general engineering purposes (fourth revision)	NOV 12	
8	** IS 2315:1978	Thimbles for wire ropes (first revision)	MAR 12	
9	IS 2361:2002	Bulldog grips - Specification (third revision)	NOV 12	
10	IS 2363:1981	Glossary of terms relating to wire ropes (first revision)	MAR 12	
11	IS 2365:1977	Steel wire suspension ropes for lifts, elevators and hoists (first revision)	MAR 12	
12	IS 2485:1979	Drop forged sockets for wire ropes for general engineering purposes (first revision)	MAR 12	
13	IS 2581:2002	Round strand galvanized steel wire ropes for shipping purposes (fourth revision)	NOV 12	
14	IS 2721:2003	Galvanized steel chain link fence fabric (second revision)	JUNE 13	
16	IS 2759:1969	Higher tensile steel point hooks for use with wire rope thimbles	NOV 12	2
17	IS 2762:2009	Wire ropes slings and sling legs - Specification (second revision)	JUL 09	
18	IS 3121:1981	Rigging screws and stretching screws (first revision)	MAR 12	1
19	IS 3374:2013 ISO 2020-1 & - 2:1997	Preformed steel wire ropes for aircraft controls (first revision)	AUG 13	
20	IS 3459:2004	Small wire ropes - Specification (second revision)	FEB 10	
21	IS 3623:1978	Guide and rubbing ropes (first revision)	MAR 12	
22	IS 3626:2001	Locked coil winding ropes – Specification	FEB 11	

		(second revision)		
23	IS 3937(PT 1):1974 IISO 3189-1:1977	Recommendations for socketing of wire ropes :Part 1 Socketing with zinc (first revision)	MAR 12	
24	IS 3937(PT 2):1974	Recommendations for socketing of wire ropes: Part 2 Socketing with white metal (first revision)	MAR 12	
25	IS 3937(PT 3):1994	Recommendations for socketing of wire ropes Part 3 Socketing with resins	FEB 10	
26	** IS 3973:1984	Code of practice for the selection, installation and maintenance of wire ropes (first revision)	MAR 12	
27	IS 4521:2001	Wire ropes used in oil wells and oil well drilling (second revision)	MAR 12	
28	IS 4948:2002	Specification for welded steel wire fabric for general use (second revision)	NOV 12	
29	IS 5245(PT 1):1969	Methods for splicing of wire ropes Part 1 Hand splicing of wire ropes	MAR 12	
30	*IS 5245(PT 2):1971	Methods for splicing of wire ropes : Part 2 Wire rope sling legs with ferrule-secured eye terminal	MAR 12	2
31	IS 5836:1977	Inner wire ropes for automobile control cables (first revision)	MAR 12	
32	**IS 6594:2001 IISO 2408:1973	Technical supply conditions for steel wire ropes and strands (second revision)	MAR 12	
33	IS 9282:2002	Wire ropes and strands for suspension bridges (first revision)	NOV 12	1
34	IS 10887:2001	Steel wire rope for winches and ropeways used in forestry and agriculture (first revision)	MAR 12	
35	IS 10891(PT 1):2001	Steel wire ropes for aerial ropeways Part 1 Haulage ropes (first revision)	MAR 12	
36	**IS 10891(PT 2):1986	Steel wire ropes for aerial ropeways Part 2 Track ropes	MAR 12	
37	IS 10942:2000	Ferrules - Specification (first revision)	FEB 11	1
38	IS 12735:1994 /ISO 8792:1986	Wire rope slings - Safety criteria and inspection procedures for use (first revision)	FEB 10	
39	IS 12776:2002	Galvanized strand for earthing (first revision)	NOV 12	2
40	*IS 13870(PT 1):1993 /ISO 4308-1:1986	Cranes and lifting appliances - Selection of wire ropes Part 1 General	NOV 12	
41	IS 13870(PT 2):1993 /ISO 4308-2:1988	Cranes and lifting appliances - Selection of wire ropes: Part 2 Mobile cranes - Coefficient of utilization	NOV 12	
42	IS 13902(PT1):1993 /ISO 3189-1:1985	Sockets for wire ropes for general purposes: Part 1 General characteristics and conditions of acceptance	NOV 12	
43	IS 13902(PT 2):1993 /ISO 3189-2:1985	Socket for wire ropes for general purposes: Part 2 Special requirements for sockets produced by forging or machined from the solid	NOV 12	

44	IS 13902(Part 3):1993/ISO 3189-3:1985	Socket for wire ropes for general purposes: Part 3 Special requirements for sockets produced by casting	NOV 12	
45	IS 13917:2003 IISO 3154:1988	Stranded wire ropes for mine hoisting - Technical delivery requirements(first revision)	JUNE 13	1
46	IS 16013:2012	Welded wire rope gabions/crated - Specification(Metallic coated or Metallic coated with PVC coated)	JUN 12	
47	IS 16014:2012	Mechanical woven, double twisted, hexagonal wire mesh gabions, ravet mattresses and rock fall netting (galvanized steel wire or galvanized steel ire with PVC coated)- Specification	JUN 12	

*** INDICATES STANDARDS UNDER REVISION. ** INDICATES STANDARDS TO BE REVISED / INDICATES DUAL NUMBERED STANDARDS. | INDICATES EQUIVALENT STANDARDS**

Standard Transferred from MED 14 to MED 10 Sectional Committee

DRAFT INDIAN STANDARDS UNDER PRINT

- DOC MED10(1008) F Draft Indian Standard Method for splicing of wire ropes; Part 2 Wire rope sling legs with ferrule – Secured eye terminal [First Revision of IS 5245 (Part II)]
- DOC:MED 10(1182)C Draft Indian Standard Wire ropes for mine hoisting - Fiber components - Characteristics and tests(Adoption of ISO 3155:1976)
- DOC:MED 10(1183)C Draft Indian Standard Stranded wire ropes for mine hoisting - Impregnating compounds, lubricants and service dressings - Characteristics and tests (Adoption of ISO 3156:1976)

DRAFT AMENDMENT FINALIZED BUT NOT YET UNDER PRINT

- DOC:MED 10(1181)C Draft Indian Standard Amendment No. 3 to IS 12776:2002 Galvanized strand for earthing - Specification (first revision)

MED 14 CRANES, LIFTING CHAINS AND ITS RELATED EQUIPMENT SECTIONAL COMMITTEE

SCOPE - a) Standardization of cranes, winches, lifting chains, sheaves suspension gears, hooks, swivel and shackles.

b) Co-ordination of work with ISO/TC 111, Round steel link chains, lifting hooks and accessories

and ISO/TC 96 Cranes, lifting appliances and related equipment.

STANDARDS PUBLISHED

SLNO	IS.NO./DOC.NO.	TITLE	REAFFIRM / PRINTED	NO.OF AMDTS
1	IS 807:2006	Design, erection and testing (structural portion) of cranes and hoists code of practice (Second revision)	FEB 11	1
2	IS/ISO 1834:1999	Short link chain for lifting purposes - general conditions of acceptance (Superseding IS 5616 : 1982)	OCT 13	
3	IS/ISO 2415:2004	Forged shackles for general lifting purposes – Dee shackles and bow shackles(Superseding IS 6132:2003)	OCT 13	
4	IS 2429(PT 1):1987	Specification for round steel short link chains (electric butt welded), Grade L(3), Part 1 Non-calibrated load chains for lifting purposes (third revision)	OCT 12	
5	** IS 2760:1980	Specification for steel chain slings (first revision)	FEB 11	2
6	IS/ISO 3076:1984	Short link chain for lifting purposes – Grade T(8), Non-calibrated, for chain slings,etc(Superseding IS 6215:1982)	OCT 13	
7	IS/ISO 3077:2001	Short link chain for lifting purposes – Grade T(Types T, DAT and DT), Fine-tolerance hoist chain(Superseding IS 6216:1982)	OCT 13	
8	IS 3109(PT 1):1982	Specification for short link chain, Grade M (4), Part 1 Non-calibrated load chain for lifting purposes (second revision)	OCT 12	1
9	IS 3177:1999	Code of practice for electric overhead travelling cranes and gantry cranes other than steel work cranes (second revision)	FEB 11	2
10	IS 3822:2002	Eye hooks for use with chains - Specification (second revision)	OCT 12	
11	IS 3832:2005	Hand operated chain pulley blocks (third revision)	FEB 11	2
12	IS 3938:1983	Specification for electric wire rope hoists (second revision)	OCT 12	
13	*IS 4137:1985	Code of practice for heavy duty electric overhead travelling cranes including special service machines for use in steel work (first revision)	FEB 11	
14	IS 4164:1976	Specification for Lifting 'C' hooks with eye capacity upto 25 tonnes (first revision)	FEB 11	
15	IS 4178:1967	Specification for eye nuts with collars	FEB 11	
16	IS 4190:1984	Specification for eyebolts with collars (first revision)	FEB 11	
17	* IS 4573:1982	Specification for Power driven mobile cranes (first revision)	FEB 11	1

18	IS 4594:1968	Code of practice for design of portal and semi portal wharf cranes (electrical)	FEB 11	
19	IS 5604:1984	Specification for hand operated universal gearless pulling and lifting machines (first revision)	FEB 11	
20	IS 5749:1970	Specification for Forged ram shorn hooks	OCT 12	1
21	IS 6217:1982	Specification for Short link chain, Grade S (6) non-calibrated for lifting purposes (first revision)	OCT 12	
22	IS 6296:1983	Specification for Short link chain, Grade S (6) calibrated for pulley blocks and other lifting appliances (first revision)	OCT 12	
23	IS 6498:1971	Glossary of terms used in connection with pulley blocks	FEB 11	
24	IS 6511:1997 /ISO 2374:1983	Lifting appliances - Range of maximum capacities for basic models (first revision)	OCT 12	
25	IS 6521(Pt 1):1972	Code of practice for design of tower cranes: Part 1 Static and rail mounted	FEB 11	
26	IS 6547:1972	Specification for electric chain hoists	FEB 11	1
27	IS 6549:1972	Glossary of terms used in connection with lifting tackle	FEB 11	
28	IS 7847:1975	General characteristics of lifting hooks	FEB 11	
29	IS 7865:1975	General requirements of 8 tonnes hooks for lifting ISO series 1 freight containers of upto 30 tonnes capacity	FEB 11	
30	IS 8324:1988	Code of practice for safe use and maintenance of non-calibrated round steel link lifting chains and chain slings (first revision)	OCT 13	1
31	IS 8686(Pt 1):1995 /ISO 8686-1:1989	Cranes - Design principles for loads and load combinations - Part 1 General	FEB 11	-
32	IS 8686(Pt 5):1995 /ISO 8686-5:1992	Cranes - Design principles for loads and load combinations - Part 5 Overhead travelling and portal bridge cranes	FEB 11	-
33	IS 9373:1995 /ISO 9373:1989	Cranes and related equipment - Accuracy requirement for measuring parameters during testing	FEB 11	-
34	IS 9507:1979	Specification for general purpose electric power driven winches for lifting and hauling	FEB 11	-
35	IS 10131:1992	Link chain ends & chain bows for bucket elevators - Specification	OCT 12	1
36	IS 11340:1985	Specification for ratchet lever hoists	FEB 11	
37	IS 13058:1991 /ISO 7592:1983	Calibrated round steel link lifting chains - Guidelines to proper use and maintenance	FEB 11	
38	IS 13156:1991	Sheave pulley blocks for wire rope - Specification	FEB 11	
39	IS 13308:1992	Lifting appliances - Sheaves - Technical supply conditions	OCT 12	
40	IS 13367(Pt 1):1992	Safe use of cranes - Code of practice Part 1 General	OCT 12	

41	IS 13473(P 1):1992] /ISO 4306- 1:1990	Cranes - Vocabulary Part 1 General	OCT 12	
42	IS/ISO 4306-2:1994	Cranes-Vocabulary Part 2 Mobile cranes [Superseding IS 13473(Part 2):1992]	OCT 13	
43	IS/ISO 4306-3:2003	Cranes-Vocabulary Part 3 Tower cranes [Superseding IS 13473(Part 3):1993]	OCT 13	
44	IS 13558(P 1):1992 /ISO 7752- 1:1983	Cranes - Controls - Layout and characteristics: Part 1 General principles	FEB 11	
45	IS 13558(P 2):1995 /ISO 7752- 2:1986	Cranes - Controls - Layout and Characteristics - Part 2 Mobile Cranes	FEB 11	
46	IS 13558(P 3):1995/ISO 7752- 3:1993	Cranes - Control - Layout and characteristics - Part 3 Tower cranes	FEB 11	
47	IS 13558(P 4):1993/ISO 7752- 4:1989	Cranes - Controls - Layout and characteristics: Part 4 Jib cranes	OCT 12	
48	IS 13558(P 5):1993 /ISO 7752- 5:1985	Cranes - Controls - Layout and characteristics: Part 5 Overhead travelling cranes and postal bridge cranes	OCT 12	
49	IS 13559(P 1):1993 /ISO 9374- 1:1989	Cranes - Information to be provided, Part 1 General	OCT 12	
50	IS 13559(P 4):1992 /ISO 9374- 4:1989	Cranes - Information to be provided Part 4 Jib cranes	OCT 12	
51	IS 13572(P 1):1992 /ISO 9928- 1:1990	Cranes - Crane driving manual: Part 1 General	OCT 12	
52	IS 13583(P 1):1993 /ISO 9926- 1:1990	Cranes - Training of drivers: Part 1 General	OCT 12	
53	IS 13834(P 1):1994 /ISO 4301- 1:1986	Cranes - Classification Part 1 General	OCT 12	
54	IS 13834(P 2):1993 /ISO 4301- 2:1985	Cranes - Classification: Part 2 Mobile cranes	OCT 12	
55	IS 13834(P 3):1995 /ISO 4301- 3:1993	Cranes - Classification Part 3 Tower Cranes	FEB 11	
56	IS 13834(P 4):1993/ISO 4301- 4:1989	Cranes - Classification: Part 4 Jib cranes	OCT 12	
57	IS 13834(P 5):1993 /ISO 4301- 5:1991	Cranes - Classification: Part 5 Overhead travelling and portal bridge cranes	OCT 12	
58	IS 14467:1997/ISO 4302:1981	Cranes - Wind load assessment	OCT 12	

59	IS 14468:1997 /ISO 4304:1987	Cranes other than mobile and floating cranes - General requirements for stability	OCT 12	
60	IS 14469:1997 /ISO 4305:1991	Mobile cranes - Determination of stability	OCT 12	
61	IS 14470:1997 /ISO 4310:1981	Cranes - Test code and procedures	OCT 12	
62	IS 14471:1997 /ISO 7363:1986	Cranes and lifting appliances - Technical characteristics and acceptance documents	OCT 12	
63	IS 14472(P 5):1997 /ISO 9374- 5:1991	Cranes - Information to be provided Part 5 Overhead traveling cranes and portal bridge cranes	OCT 12	
64	IS 14473(P 1):1997/ISO 9927- 1:1994	Cranes - Inspections Part 1 General	OCT 12	
65	IS 14474(P 1):1997 /ISO 11662- 1:1995	Mobile cranes - Experimental determination of crane performance art 1 Tipping loads and radii	OCT 12	
66	IS 14475(P 1):1997 /ISO 12482- 1:1995	Cranes - Condition monitoring Part 1 General	OCT 12	
67	IS 15191:2002	Forged steel components for use with grade T(8) chain and chain slings -Specification	OCT 12	
68	IS 15419:2003	Jib cranes - Code of practice	OCT 13	
69	IS 15560:2005	Point hooks with shank upto 160 tonnes - Specification (Merging of IS 3815, 6294 and 8610)	FEB 10	1

*** INDICATES STANDARDS UNDER REVISION. ** INDICATES STANDARDS TO BE REVISED / INDICATES DUAL NUMBERED STANDARDS. | INDICATES EQUIVALENT STANDARDS**

DRAFT STANDARD FINALIZED BUT NOT YET UNDER PRINT

Doc: ME 14 (1265)C Draft Indian Standard Chain Slings assembled by method other than welding-grade (T8) (Adoption of ISO 7593 :1986)

DRAFT STANDARD UNDER PRINT

DOC:MED 14(0916) Code of practice for heavy duty electric overhead traveling cranes including special service machines for use in steel work (second revision of IS 4137)

DOC:MED 14(1042) Specification for electric chain hoists (first revision OF IS 6547)

Doc:ME 14 (1142)C Draft Indian Standard Cranes – Vocabulary Part 1 General (Superseding 13473 (Part -1):1992/ISO 4306-1:1982) (Adoption of ISO 4306-1:2007)

Doc:ME 14 (1143)C Draft Indian Standard Cranes – Classification Part 2 Mobile cranes (Superseding IS 13834 (Part -2 :1983/ISO 4301-2 :1985) (Adoption of ISO 4301-2 :2009)

Doc:ME 14 (1144)C Draft Indian Standard Cranes – Test code and procedures (Superseding IS 14470 :1997/SO 4310 :1981) (Adoption of ISO 4310:2009)

- Doc:ME 14 (1267)C Draft Indian Standard Cranes – Inspections – Part 1 General
(Superseding IS 14473(Part -1) :1997/ISO 9927-1 :1994) (Adoption of
ISO 9927 :2013)
- Doc: ME 14 (1103) Draft Amendment NO. 3 TO IS 3177:1999 Code of Practice for
electric overhead traveling cranes and gantry cranes other than
steel work cranes (Second revision)
- Doc: ME 14(1258) Amendment 1 to IS 807 Design, erection and testing (structural
portion) of cranes and hoists code of practice (Second revision)
- Doc: ME 14 (1260) Amendment 3 to IS 2760 Specification for steel chain slings (first
revision)

P-DRAFT CIRCULATED TO MEMBERS

- Doc: ME 14 (1313) Forged Ramshorn Hooks – Specifications (First Revision
of IS : 5749)
- Doc: ME 14 (1288) Draft Indian Standard SPECIFICATION FOR ELECTRIC WIRE
ROPE HOISTS (Third revision of IS : 3938)

MED 16 GAS CYLINDERS SECTIONAL COMMITTEE

Scope - a) Formulation of standards on gas cylinders for permanent, high pressure liquefiable low pressure liquefiable and dissolved gases; fittings of gas cylinder, namely valve fittings, pressure regulators; pipelines conveying gases; identification colours of gas cylinders; acetylene generators; filling ratios and developed pressures for different gases.

b) Co-ordination of work with ISO/TC 58 Gas Cylinders.

c) Co-ordination of work with ISO/TC 185 Safety for protection against excessive pressures

STANDARDS PUBLISHED

SLNO	IS.NO./DOC.NO.	TITLE	REAFFIRM/ PRINTED	NO.OF AMDTS
1	*IS 3196(PT 1):2013	Welded low carbon steel gas cylinder exceeding 5 litre water capacity or low pressure liquefiable gases Part 1 Cylinders for liquefied petroleum gas (LPG) – Specification (fifth revision)	DEC 13	5
2	IS 3196(PT 2):2006	Welded low carbon steel cylinders exceeding 5 litre water capacity for low pressure liquefiable gases Part 2 Cylinders for liquefiable non-toxic gases other than LPG – Specification (fifth revision)	FEB 11	
3	IS 3196(PT 3):2012	Welded low carbon steel gas cylinder exceeding 5 litre water capacity for low pressure liquefiable gases Part 3 Methods of test (fifth revision)	MAY 12	3
4	IS 3196(Pt 4):2001	Welded low carbon steel cylinders exceeding 5 litre water capacity for low pressure liquefiable gases - Specification Part 4 Cylinders for toxic and corrosive gases (Amalgamation of IS 7680, IS 7681 and IS 7682)	FEB 12	2
5	*IS 3224:2002	Valve fittings for compressed gas cylinders excluding liquefied petroleum gas (LPG) cylinders – Specification (third revision)	MAR 13	2
6	IS 3710:1978	Filling ratios for low pressure liquefiable gas contained in cylinders (first revision)	FEB 11	1
7	*IS 3745:12006	Yoke type valve connections for small medical gas cylinders - Specification (second revision)	FEB 12	
8	IS 3933:1966	Color identification of gas cylinders and related equipment intended for medical use	FEB 11	1
9	IS 4152:2011	Seamless carbon dioxide cylinders for fire -fighting purposes on boardship - Specification (third revision)	OCT 11	
10	IS 4379:1981	Identification of contents of industrial gas cylinders (first revision)	MAR 13	3
11	*IS 4786:1968	Specification for variable high pressure regulators for use with liquefied petroleum gas	FEB 11	2
12	*IS 5844:1970	Recommendations for hydrostatic stretch testing of compressed gas cylinders	FEB 11	
13	*IS 5845:1993	Code of practice for inspection of low pressure welded steel gas cylinders other than LPG cylinders in use (second revision)	MAR 13	
14	*IS 5903:1970	Recommendations for safety devices for gas cylinders	FEB 11	

15	IS 6044(PT 1):2013	Code of practice for liquefied petroleum gas storage installations: Part 1 Commercial and industrial cylinder installations (first revision)	OCT 13	1
16	IS 6044(PT 2):2001	Code of practice for liquefied petroleum gas storage installations: Part 2 Commercial, industrial and domestic bulk storage installations (first revision)	FEB 12	
17	IS 7142:1995	Welded low carbon steel cylinders for low pressure liquefiable gases not exceeding 5 litre water capacity - Specification (first revision)	FEB 11	1
18	IS 7202:1974	Specification for inspection gauges for checking threads of gas cylinder valves for use with breathing apparatus	MAR 13	
19	*IS 7241:1981	Glossary of terms used in gas cylinder technology (first revision)	MAR 13	
20	IS 7285(PT 1):2004	Refillable seamless steel gas cylinders - Specification: Part 1 Normalized steel cylinders (third revision)	JAN 10	2
21	IS 7285(PT 2):2004	Refillable seamless steel gas cylinders - Specification: Part 2 Quenched and tempered steel cylinder with tensile strength less than 1100 MPa (112 kgf/mm ²) (third revision)	JAN 10	4
22	IS 7302:1974	Specification for valve fittings for gas cylinder valves for use with breathing apparatus	FEB 11	
23	IS 7312:1993	Welded and seamless steel dissolved acetylene gas cylinders - Specification (second revision)	MAR 13	3
24	IS 8198:2004	Steel cylinder for compressed gases (Atmospheric gases, hydrogen, high pressure liquefiable gases and dissolved acetylene gases) -Code of practice (amalgamation of IS 8198(Pt 1 to 4)	JAN 10	
25	IS 8198(PT 5):1984	Code of practice for steel cylinders for compressed gases Part 5 Liquefied petroleum gas (LPG) (first revision)	FEB 11	
26	IS 8198(PT 6):1988	Code of practice for steel cylinders for compressed gases Part 6 Liquefied chlorine gas (first revision)	MAR 13	
27	IS 8198(PT 7):1988	Code of practice for steel cylinders for compressed gases Part 7 Ammonia gas (first revision)	MAR 13	
28	IS 8198(PT 8):1993	Code of practice for steel cylinders for compressed gases Part 8 Common organic refrigerant gases (first revision)	MAR 13	
29	IS 8198(PT 9):1988	Code of practice for steel cylinders for compressed gases Part 9 Sulphur dioxide gas (first revision)	MAR 13	
30	IS 8198(PT 10):1980	Code of practice for steel cylinders for compressed gases Part 10 Methyl bromide gas	MAR 13	
31	IS 8198(PT 11):1988	Code of practice for steel cylinders for compressed gases Part 11 Methyl chloride gas (first revision)	MAR 13	
32	IS 8198(PT 12):1982	Code of practice for steel cylinders for compressed gases Part 12 Gases for medical use	FEB 11	
33	*IS 8433:1984	Code of practice for visual inspection of dissolved acetylene gas cylinders (first revision)	FEB 11	
34	IS 8451:2009	Periodic inspection and testing of high pressure gas cylinders - Code of practice (second revision)	SEP 09	1

35	IS 8452:1977	Glossary of terms used in acetylene generators	MAR 13	
36	IS 8471:2003	Acetylene generators - Requirements (first revision) (Amalgamation of IS 8471(Part 1 to 5)	MAR 13	
37	IS 8737:1995	Valve fittings for use with liquefied petroleum gas (LPG) cylinders of more than 5 litre water capacity - Specification (first revision)	FEB 11	2
38	IS 8775:1978	Filling pressure and corresponding developed pressure for permanent gases contained in gas cylinders	MAR 13	
39	IS 8776:1988	Specification for valve fittings for use with liquefied petroleum gas (LPG) cylinder up to and including 5 litre water capacity (first revision)	MAR 13	1
40	*IS 8866:1978	Filling ratios and corresponding developed pressure for high pressure liquefiable gases contained in gas cylinder	MAR 13	
41	*IS 8867:1978	Saturated vapour pressure and test pressure for low pressure liquefiable gases contained in gas cylinders	MAR 13	
42	*IS 8868:1988	Periodical inspection interval of gas cylinders in use (first revision)	MAR 13	
43	IS 9122:2008	Inspection gauges for checking type 2 taper threads of gas cylinder valves, taper 3 in 25 - Specification (first revision)	MAR 14	
44	IS 9200:1988	Method of disposals of unserviceable compressed gas cylinders (first revision)	MAR 13	
45	IS 9639:1980	Code of practice for visual inspection of low pressure welded steel gas cylinders during manufacture	FEB 11	1
46	IS 9798:2013	Low pressure regulators for use with liquefied petroleum gas (LPG) mixtures -Specification (first revision)	JUL 13	
47	IS 11006:2011	Flash back arrestor (flame arrestor)- Specification	FEB 11	2
	IS/ISO 11114-1:2012)	Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 1 Metallic materials	APR 14	
48	IS/ISO 11114-2:2000)	Transportable gas cylinders - Compatibility of cylinder and valve material with gas contents - Part 2 Non-metallic materials	DEC 12	
49	IS/ISO 11114-4:2005)	Transportable gas cylinders - Compatibility of cylinder and valve material with gas contents - Part 4 Test methods for selecting metallic materials resistant to hydrogen embrittlement	JAN 13	
50	IS 12300:1988	Valve fittings for refrigerant cylinders - Specification	MAR 13	5
51	IS 12586:1988	Brazed low carbon steel gas cylinders not exceeding 13 litre water capacity - Specification	MAR 13	3
52	IS 12936:1990	Code for basic requirements for delivery persons engaged in the delivery of LPG cylinders	FEB 12	1
53	IS 13258:2014	welded low carbon steel cylinders exceeding 5 litre water capacity for low pressure liquefiable gas - Code of practice for inspection and reconditioning of used LPG cylinders (first revision)	JAN 14	2

54	IS 13497:1992	Fusible plug for dissolved acetylene gas cylinder - Specification	JAN 10	1
55	IS 14899:2014	Liquefied petroleum gas (LPG) containers for automotive use -Specification	FEB 14	5
56	**IS 15100:2001	Multi function valve assembly for permanently fixed LPG containers for Automotive use	FEB 12	5
57	IS 15190 (Pt 1): 2002	Acetylene pipelines - Code of practice Part 1 For pressures upto 155 kPa (g)	MAR 13	
58	IS 15190(Pt 2): 2002	Acetylene pipelines - Code of practice Part 2 For pressures from 155kPa (g) to 2550 kPa (g)	MAR 13	
59	IS 15490:2004	Cylinders for on-board storage of compressed natural gas as a fuel for automotive vehicles - Specification	JAN 10	3
60	IS 15637:2006	Welded stainless steel cylinders for liquefied petroleum gases (LPG) from 0.5 liter to 250 liter water capacity - Specification	FEB 11	1
61	IS 15660:2006	Refillable transportable seamless aluminum alloy gas cylinders - Specification	FEB 12	2
62	*IS 15737:2006 /ISO 10463:1993	Cylinder for permanent gases – Inspection at time of filling	FEB 12	
63	IS 15894:2011	Inspection gauges for checking Type 1 (sizes 1, 2 and 3) taper threads of gas cylinder valves and cylinder necks - Taper 1 in 16 on diameter - Specification (Superseding IS 9121:2005 and IS 9687:1980)	DEC 11	1
64	IS 15935:2011	Composite cylinders for on-board storage of compressed natural gas (CNG) as a fuel for automotive vehicle - Specification	DEC 11	1
65	SP 9:1973	Technical data sheet for gases conveyed in cylinders		2
66	IS/ISO 13985:2006	Liquid Hydrogen-Land vehicle fuel tank	MAY 11	
67	IS 15966:2013	Refillable Welded Steel Cylinder for Liquefied Petroleum Gas (LPG) - Procedure for Checking Before, During and After Filling	MAR 13	
68	Is 15975:2013	Gas cylinders - Conditions for filling gas cylinders (amalgamation of IS 8866, IS 8867 and IS 8868)		
69	IS 16017:2013	Transportable gas cylinders - Periodic inspection and testing of seamless aluminum alloy gas cylinders	AUG 13	
70	IS 16054:2013	Periodic inspection and testing - Welded low carbon steel cylinders exceeding 5 litre water capacity for liquefied petroleum gas (LPG) - Code of practice	DEC 13	
71	IS 16175:2014	Periodic inspection and requalification liquid petroleum gas (LPG) cylinders for automotive use - Code of practice	MAR 14	
72	IS 16185:2014	Periodic inspection and testing - Welded carbon steel gas cylinders - code of practice	MAR 14	

*** INDICATES STANDARDS UNDER REVISION. ** INDICATES STANDARDS TO BE REVISED
/ INDICATES DUAL NUMBERED STANDARDS. | INDICATES EQUIVALENT STANDARDS**

DRAFT STANDARDS/AMENDMENTS UNDER PRINT

DOC:ME 16 (1153) Draft Indian Standard Variable high pressure regulators (VHPR) for use with liquefied petroleum gases - Specification (first revision of IS 4786)

DOC:ME 16 (1168) Draft Indian Standard Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 3 Autogenous ignition test in oxygen atmosphere (Adoption of IS/ISO 11114-3:2010)

DOC:ME 16 (1154) Draft Indian Standard Unreduced pressure adaptors for use with liquefied petroleum gas (LPG) – Specification

DOC:ME 16(1159) Periodic inspection and requalification of high pressure cylinders for the on-board storage of compressed natural gas as a fuel for automotive vehicles, cylinders for HCNG blends and CNG cascade cylinder

DOC:ME 16 (1125) Draft Indian Standard Recommendation for safety devices for gas cylinders (first revision) of IS 5903:1970)

DOC:ME 16 (1127) Draft Indian Standard Code of practice for inspection at time of filling for dissolved acetylene gas cylinder (first revision)

DOC:ME 16 (1226) Draft Amendment No. 4 to IS 15490:2004 Cylinders for on-board storage of compressed natural gas as a fuel for automotive vehicles - Specification

DOC:ME 16 (1222) Draft Amendment No. 1 to IS 11006:2011 Specification for flash back arrestor (flame arrestor)

DOC:ME 16 (1227) Draft Amendment No. 1 to IS 3196(Part 3):2011 Welded low carbon steel cylinders exceeding 5 litre water capacity for low pressure liquefiable gases: Part 3 Method of test

DOC:ME 16 (1155) Draft Indian Standard Recommendations for Hydrostatic stretch Testing of compressed gas cylinders (first revision of IS 5844)

DRAFT STANDARD FINALIZED BUT NOT YET UNDER PRINT

DOC:ME 16 (1126) Draft Indian Standard Code of practice for periodic inspection and maintenance of dissolved acetylene gas cylinder (first revision) (superseding of IS 8433)

DRAFTS SENT INTO WIDE CIRCULATION

DOC:ME 16 (1342) Draft Amendment No. 3 to IS 15660:2006 Refillable transportable seamless aluminum alloy gas cylinders - Specification

DOC:ME 16 (1343) Draft Amendment No. 3 to IS 8737:1995 Valve fitting for use with liquefied petroleum gas (LPG) cylinders f more than 5 litre water capacity (first revision)

TO BE REDRAFTED FOR WIDE CIRCULATION

DOC: ME 16 (1212) Draft Indian Standard Valve fittings for compressed gas cylinders excluding liquefied petroleum gas (LPG) cylinders – Specification (Fourth revision) of IS 3224

DOC:ME 16 (1201) Transportable gas cylinders – Cylinder Cascade – Design, manufacture, identification and testing

**MED 17 CHEMICAL ENGINEERING PLANTS AND RELATED EQUIPMENT
SECTIONAL COMMITTEE**

Scope - a) Formulation of standards for equipment including industrial valves used in chemical industry.

b) co-ordination of work with ISO/TC 112 Vacuum technology, ISO/TC 116 Space heating appliances and ISO/TC 153 Valves,

STANDARDS PUBLISHED

S.No.	IS.NO./DOC:NO.	TITLE	REAFFIRM/ PRINTED	NO.OF AMDTS
1.	IS 2379:1990	Pipe lines – Identification - Colour code (first revision)	NOV 10	1
2.	IS 3133:1989	Manhole and inspection openings for chemical equipment – General requirements (first revision)	AUG 09	
3.	IS 3232:1999	Recommendations on graphical symbols for process flow diagrams (second revision)	AUG 09	
4.	IS 3233:1965	Glossary of terms for safety and relief valves and their parts	JAN 13	
5.	IS 4049(P1):1988	Formed ends for tanks and pressure vessels Part 1 Based on outside diameter basis (second revision)	DEC 13	1
6.	IS 4049(P2):1996	Formed ends for tanks and pressure vessels - Specification Part 2 Based on inside diameter basis (first revision)	FEB 12	2
7.	IS 4092(P1):1992	Centrifuges of the basket and bowl and vibrating type for use in industrial and commercial application Part 1 General requirements (second revision)	JAN 13	
8.	IS 4110:1967	Glossary of terms used in high vacuum technology	DEC 13	
9.	IS 4179:1967	Sizes of process vessels and leading dimensions	DEC 13	
10.	IS 4503:1967	Shell and tube type heat exchangers	JAN 13	3
11.	IS 4642:1968	Ball pebble and tube mills	NOV 10	
12.	IS 4682(P1):1994	Code of practice for lining of vessels and equipment for chemical processes Part 1 Rubber lining (first revision)	DEC 13	1
13.	IS 4682(P2):1969	Code of practice for lining of vessels and equipment for chemical processes Part 2 Glass enamel lining	NOV 10	1
14.	IS 4682(P3):1969	Code of practice for lining of vessels and equipment for chemical processes Part 3 Lead lining	NOV 10	
15.	IS 4682(P4):1998	Code of practice for lining of vessels and equipment for chemical processes Part 4 Plasticised PVC lining	DEC 13	
16.	IS 4682(P5):1970	Code of practice for lining of vessels and equipment for chemical processes Part 5 Epoxide resin lining	NOV 10	

17.	IS 4682(PT 6):1970	Code of practice for lining of vessels and equipment for chemical processes Part 6 Phenolic resin lining	NOV 10	
18.	IS 4682(PT 7):1974	Code of practice for lining of vessels and equipment for chemical processes Part 7 Corrosion and heat resistant metals	NOV 10	
19.	IS 4682(PT 8):1974	Code of practice for lining of vessels and equipment for chemical processes Part 8 Precious metal	NOV 10	
20.	IS 4682(PT 9):1974	Code of practice for lining of vessels and equipment for chemical processes Part 9 Titanium	NOV 10	
21.	IS 4682(PT 10):1974	Code of practice for lining of vessels and equipment for chemical processes Part 10 Brick and tile	NOV 10	
22.	IS 4854(PT 1):1969	Glossary of terms for valves and their parts: Part 1 Screw down stop check and gate valve and their parts	AUG 09	
23.	IS 4854(PT 2):1969	Glossary of terms for valves and their parts: Part 2 Plug valves and cocks and their parts	AUG 09	
24.	IS 4854(PT 3):1974	Glossary of terms for valves and their parts: Part 3 Butterfly valves	AUG 09	
25.	IS 4870:1968	Flat gaskets for shell flanges	NOV 10	
26.	IS 5036:1969	Specification for filter presses recessed plate type and plate and frame type	NOV 10	
27.	IS 5428(PT 1):1985	Specification for Gauge glasses:Part 1 Tubular glasses for level gauges (first revision)	NOV 10	
28.	IS 5428(PT 2):1985	Specification for Specification for Gauge glasses: Part 2 Protector glasses for tubular gauge glasses (first revision)	NOV 10	
29.	IS 5428(PT 3):1985	Specification for Gauge glasses:Part 3 Through vision and reflex glasses (first revision)	NOV 10	
30.	IS 5428(PT 4):1985	Specification for Gauge glasses:Part 4 Circular sight and light glasses (first revision)	NOV 10	
31.	IS 5428(PT 5):1985	Specification for Part 5 Port gauge glasses as used in fittings for steam boilers (first revision)	NOV 10	
32.	IS 5675:1987	Specification for rotary-disk vacuum filters (first revision)	JAN 13	
33.	IS 6034:1989	Insulating oil conditioning plants - Specification (first revision)	AUG 09	
34.	IS 6076:1990 /ISO 1609:1986	Vacuum technology - Flange dimensions (first revision)	NOV 10	
35.	IS 6088:1988	Specification for Oil-to-water heat exchangers for transformers (first revision)	DEC 13	
36.	IS 6157:1981	Valve inspection and test (first revision)	JAN 13	
37.	IS 6202:1971	Specification for Flat glass oil level gauges for oil storage tanks	AUG 09	
38.	IS 6838:1973	Dimensions for `O' rings and grooves for vacuum flanges	AUG 09	

39.	IS 6849(PT 1):1999 /ISO 1607-1:1993	Positive-displacement vacuum pumps - Measurement of the performance characteristics Part 1 Measurement of the volume rate of flow (pumping speed) (second revision)	AUG 09	
40.	IS 6849(PT 2):1993 /ISO 1607-2:1989	Positive displacement vacuum pumps - Measurement of performance characteristics Part 2 Measurement of ultimate pressure (first revision)	JAN 13	
41.	IS 6849(PT3):1976	Methods of measurement of the performance characteristics of positive-displacement vacuum pumps Part 3 Water vapour pumping capacity	JAN 13	
42.	IS 7366:1974	Specification for Edge type filters required for filtration of oils of straight mineral type	NOV 10	
43.	IS 8243(PT 1):1999 /ISO 1608-1:1993	Vapour vacuum pumps - Measurement of performance characteristics:Part 1 Measurement of volume rate of flow (pumping speed) (second revision)	AUG 09	
44.	IS 8243(PT 2):1993 /ISO 1608-2:1989	Vapour vacuum pumps - Methods of measurement of performance characteristics Part 2 Measurement of critical backing pressure (first revision)	DEC 13	
45.	IS 8244:1976	Methods of calibration of vacuum gauges by direct comparison with reference gauge	JAN 13	
46.	IS 8245:1976	Graphical symbols for vacuum technology	JAN 13	
47.	IS 8262(PT1):1976 /ISO 2861-2:1980	Specification for Quick release couplings for vacuum pipe lines Part 1 Screwed type	JAN 13	
48.	IS 8262(PT2):1976 /ISO 2861-1:1974	Specification for Quick release couplings for vacuum pipe lines Part 2 Clamped type	JAN 13	
49.	IS 8276(PT1):1976	Methods for calibration of vacuum gauges: Part 1 Pressure reduction by continuous flow in the pressure range of 10-1 to 1-5 Pa	JAN 13	
50.	IS 8280:1976	Methods of calibration of ionization vacuum gauges	JAN 13	
51.	IS 8288:1976 /ISO 3669:1986	Specification for Bakeable flanges	JAN 13	
52.	IS 8576:1977	Purchaser's data sheet for general purpose dryers	DEC 13	
53.	IS 8577:1977	Purchaser's data sheet for rotary vacuum filters	DEC 13	
54.	IS 8578:1977	Purchaser's data sheet for pulverizers	DEC 13	
55.	IS 8579:1977	Purchaser's data sheet for crystallizers	DEC 13	
56.	IS 8580:1977	Supplier's data sheet for vibrating screens	DEC 13	
57.	IS 8581:1977	Supplier's data sheet for cooling towers for process industry	DEC 13	
58.	IS 8582:1977	Supplier's data sheet for basket type centrifuges	DEC 13	

59.	IS 8667:1977	Purchaser's data sheet for cooling towers for process industry	DEC 13	
60.	IS 9446:1980	Graphical symbols for pipelines and instrumentation diagrams	MAR 12	
61.	IS 9520:2008	Nominal sizes for valves (first revision)	DEC 13	
62.	IS 9522:1980	Code of practice for agitator equipment	NOV 10	
63.	IS 9618:1980	Specification for Road tankers for liquefied petroleum gas	NOV 10	
64.	IS 9625:1980	Locations of by-pass and drain connections for valves	NOV 10	1
65.	IS 9705(PT 1):1980	Specification for Quick release couplings for vacuum pipe lines Part 1: Screwed couplings type `B'	NOV 10	
66.	IS 9866:1981	Marking system for valves	JAN 13	
67.	IS 9884:1981	Dimensions for ferrous valves - face to face and end to end	JAN 13	
68.	IS 9890:1981	Specification for General purpose ball valves	JAN 13	
69.	IS 10092:1982	Glossary of terms (and materials of construction) for rotary equipment	DEC 13	
70.	IS 10120:1982	Supplier's data sheet for rotary dryers	DEC 13	
71.	IS 10123:1982	Data sheet for shell and tube type heat exchangers	DEC 13	
72.	IS 10217:1982	Method of determination of crushability index	NOV 10	
73.	IS 10218:1982	Method of determination of grindability index	NOV 10	
74.	IS 10219:1982	Purchaser's data sheet for tube nest evaporation plants	DEC 13	
75.	IS 10247:1982	Method of determination of impact index	NOV 10	
76.	IS 10409:1983	Purchaser's data sheet for rotary type dryer	DEC 13	
77.	IS 10459:1983	Specification for General purpose plug valves	DEC 13	
78.	IS 10470:1983	Specification for Air cooled heat exchangers	NOV 10	1
79.	IS 10605:1989	Steel globe valves (flanged and butt welded ends) for petroleum, petrochemical and allied industries - Specification (first revision)	AUG 09	
80.	IS 10611:1983	Steel gate valves (flanged and butt welded ends) for petroleum, petrochemicals and allied industries	NOV 10	1
81.	IS 10661:1983	Specification for Glass fibre reinforced polyester chemical resistant tanks	DEC 13	
82.	IS 10688:1983	Method for proving gas tightness of vacuum plant	DEC 13	
83.	IS 10732:1983	Purchaser's data sheet for gauge glasses for pressure vessels	DEC 13	
84.	IS 10873:1983	Data sheet for air-cooled heat exchangers	JUN 08	

85.	IS 10874:1983	Specification for Felsite grinding media and liner stones	NOV 10	
86.	IS 10875:1983	Glossary of terms and material of construction for rotary dryers and coolers	DEC 13	
87.	IS 10919:1984	Glossary of terms for electrostatic precipitators	DEC 13	
88.	IS 10989:1984	Specification for Cast or forged steel check valves (flanged or butt-welding ends) for petroleum, petrochemicals, chemical and allied industries	AUG 09	1
89.	IS 11132:1985	Specification for Ammonia valves	NOV 10	
90.	IS 11332:1985	Code of practice for industrial ovens	JAN 13	
91.	IS 11552:2008	Liquid nitrogen vessels of capacity up to 75 litres Specification (first revision)	DEC 13	2
92.	IS 11555(P1):1986	Designer's data sheet:Part 1 Mechanical design of columns	JAN 13	
93.	IS 11555(P2):1986	Designer's data sheet:Part 2 Column internal	JAN 13	
94.	IS 11556:1986	Purchaser's data sheet for distillation columns	JAN 13	
95.	IS 11564:1986	Supplier's data sheet for fluid bed dryers	JAN 13	
96.	IS 11565:1986	Data sheet for industrial ovens	JAN 13	
97.	IS 11572:1986	Purchaser's data sheet for fluid bed dryers	JAN 13	
98.	IS 11611:1992	Fire test for valves (including soft seated quarter turn valves) - Method of test (first revision)	JAN 13	1
99.	IS 11620:1986	Code of practice for fluid bed-dryer	JAN 13	
100.	IS 11699:1986	Specification for Steel plug valves for petroleum, petrochemical and allied industries	JAN 13	
101.	IS/ISO 15761:2002	Steel gate, globe and check valves for sizes DN 100 and smaller for petroleum and natural gas industries (Superseding IS11733:1986)	JAN 13	
102.	IS 11790:1986	Code of practice for preparation of butt-welding ends for pipes valves flanges and fittings	JAN 13	
103.	IS 11791:1986	Specification for Diaphragm type valves for general purposes	JAN 13	
104.	IS/ISO 17292:2004	Metal ball valve for the petroleum, petrochemical and allied industries (Superseding IS 11792:1986)	JAN 13	1
105.	IS 12213:1987	Code for mechanical vibrating screens	JAN 13	
106.	IS 12273:1987	Specification for Industrial oil fired burners	JAN 13	
107.	IS 12355:1988	Supplier's data sheet for vibrators for use with bin and hopper	DEC 13	
108.	IS 12356:1988	Purchaser's data sheet for clean air equipments (laminar flow)	DEC 13	
109.	IS 12357:1988	Supplier's data sheet for clean air equipments (laminar flow)	DEC 13	

110.	IS 12370:1993 /ISO 6718:1991	Bursting discs and bursting disc devices (first revision)	FEB 12	
111.	IS 12754(P1):1989/ISO 3511-1:1977	Process measurement control functions and instrumentation - Symbolic representation Part 1 Basic requirements	AUG 09	
112.	IS 12754(P2):1989/ISO 3511-2:1984	Process measurement control functions and instrumentation –Symbolic representation Part 2 Extension of basic requirements	AUG 09	
113.	IS 12754(P3):1989/ISO 3511-3:1984	Process measurement control functions and instrumentation - Symbolic representation Part 3 Detailed symbols for instrument interconnection diagrams	AUG 09	
114.	IS 12754(P4):1989 /ISO 3511-4:1985	Industrial process measurement control functions and instrumentation - Symbolic representation Part 4 Basic symbols for process computer, interface and shared display /control functions	AUG 09	
115.	IS 12962:1990	Data sheet for basic engineering plant design	NOV 10	
116.	IS 12992(P1):1993	Safety relief valves - Spring loaded - Specification Part 1 Design	DEC 13	
117.	IS 12992(P2):1990	Spring loaded safety relief valves - Specification Part 2 Testing	NOV 10	
118.	IS 13095:1991	Butterfly valves for general purposes	JAN 13	1
119.	IS 13159(P1):1993	Pipe flanges and flanged fittings - Specification: Part 1 Dimensions	DEC 13	
120.	IS 13187:1991	Road tankers for light petroleum products - Specification	JAN 13	
121.	IS 13306:1992	Oil and gas fired thermic fluid heaters - Method of calculation of film temperatures	JAN 13	
122.	IS 14404:1996	Process equipment - Recommendations on design pressure and temperature	FEB 12	
123.	IS 15729:2007	Natural gas pressure regulating and metering terminal - Code of practice	MAR 12	

/ INDICATES DUAL NUMBERED STANDARDS. | INDICATES EQUIVALENT STANDARDS

DRAFTS SENT INTO WIDE CIRCULATION

- Doc: MED 17 (1339) Draft Indian Standard Draft Indian Standard Steel ball valves for general-purpose industrial applications ICS 23.060.20 (*Adoption of ISO 7121*) (**Superseding IS 9890:1981**)
- Doc: MED 17 (1340) Draft Indian Standard Bolted bonnet steel gate valves for the petroleum, petrochemical and allied industries ICS 75.180.20 (*Adoption of ISO 10434*) (**Superseding IS 11611:1983**)
- Doc: MED 17 (1341) Draft Indian Standard Testing of valves — Fire type-testing requirements ICS 23.060.01 (*Adoption of ISO 10497*) (**Superseding IS 11611:1992**)

MED 18 CONSTRUCTION PLANT AND MACHINERY SECTIONAL COMMITTEE

- Scope -
- a) Formulation of standards for construction plant and machinery used in the field of civil engineering.
 - b) Co-ordination of work with ISO/TC 195 'Building construction machinery and equipment'.

STANDARDS PUBLISHED

SI NO.	IS.No./Doc.No.	TITLE	REAFFIRM/PRINTED	NO.OF AMDTS
1.	*IS 1791:1985	General requirements for batch type concrete mixers (second revision)	AUG 09	
2.	*IS 2094(Part 1):1996	Heater for bitumen (tar) and emulsion – Specification Part 1 Bitumen heaters (second revision)	MAR 12	1
3.	IS 2094(Part 2):1999	Heater for bitumen (tar) and emulsion: Part 2 Bitumen sprayer	AUG 09	
4.	IS 2094(Part 3):1999	Heater for bitumen (tar) and emulsion – Specification Part 3 Emulsion (third revision)	JAN 09	1
5.	*IS 2438:1963	Specification for roller pan mixer	AUG 09	
6.	IS 2505:1992	Concrete vibrators – Immersion type – General Requirements (third revision)	JAN 14	
7.	IS 2506:1985	General requirements for screed board concrete vibrators (First Revision)	MAR 11	
8.	IS 2514:1963	Specification for concrete vibrating tables	MAR 12	
9.	IS 2722:1964	Specification for portable swing weigh batchers for concrete (single and double bucket type)	MAR 11	
10.	*IS 3066:1965	Specification for hot asphalt mixing plants	MAR 12	1
11.	* IS 3251:1965	Specification for asphalt paver finishers	MAR 12	
12.	*IS 3251(Part 2):1992	Asphalt paver finisher - General requirements Part 2 Hydraulic (first revision)	MAR 13	
13.	IS 3365:1965	Specification for floor polishing machines	AUG 09	1
14.	IS 3559:1966	Specification for pneumatic concrete breakers	AUG 09	1
15.	IS 3612:1994	Crushing and Grinding equipments – classifications and methods for measuring capacity (<i>first revision</i>)	AUG 09	
16.	IS 4183:1967	Specification for metal hand rammers	MAR 12	
17.	IS 4254:1994	Jaw Crushers – General Requirements – (<i>first revision</i>)	JAN 14	
18.	IS 4255:1967	Gyratory and Cone Crushers	NOV 10	
19.	IS 4616:196	Specification for sheepsfoot roller	AUG 12	

20.	IS 4925:2004	Concrete batching and mixing plant – Specification (first revision)	AUG 09	
21.	IS 5435:1987	General requirements for cold bituminous macadam mixing plants (first revision)	AUG 12	
22.	IS 5436:1969	Method of testing oil-fired rotary dryers for hot mix asphalt and bituminous macadam plants	AUG 09	
23.	IS 5500(Pt 1):2004	Vibration roller - General requirements: Part 1 Self propelled tandem drum (second revision)	AUG 09	1
24.	IS 5500(PT 2):2004	Vibratory roller - General requirements Part 2 Self propelled single drum (third revision)	AUG 09	
25.	*IS 5501:1969	Specification for pneumatic tyred roller	AUG 12	
26.	IS 5502:1988	General requirements for smooth-wheeled diesel road roller (second revision)	AUG 12	
27.	IS 5889:1994	Vibratory plate compactor - Specification (first revision)	JAN 14	
28.	IS 5890:2004	Mobile hot mix asphalt plants, light duty - Requirements (first revision)	AUG 09	
29.	IS 5891:1970	Specification for hand-operated concrete mixer	AUG 12	1
30.	IS 5892:2004	Concrete transit mixers - Specification (first revision)	AUG 09	
31.	IS 6426:1972	Specification for pile driving hammer	AUG 09	
32.	IS 6427:1972	Glossary of terms relating to pile driving equipment	AUG 09	
33.	IS 6428:1972	Specification for pile frame	AUG 09	
34.	IS 6433:1972	Specification for guniting equipment	AUG 09	
35.	IS 6923:1973	Methods of test for performance of screed board concrete vibrators	JAN 14	
36.	*IS 7242:1974	Specification for concrete spreaders	MAR 12	
37.	*IS 7245:1974	Specification for concrete pavers	MAR 12	
38.	* IS 7251:1974	Specification for concrete finishers	MAR 12	
39.	IS 9309:1979	Specification for Roller crushers	NOV 10	
40.	IS 11386:1985	Glossary of terms relating to concrete mixers	AUG 09	
41.	IS 11389:1985	Methods of test for performance of concrete vibrators; immersion	JAN 14	
42.	IS 12466:2012	General requirements for builder's hoist	AUG 12	
43.	IS 12468:1988	General requirements for vibrators for mass concreting; Immersion type	MAR 12	
44.	IS 13291:2012	Concrete block making machine - General requirements	NOV 12	
45.	IS 13404:2012	Power trowel - General requirements	AUG 12	
46.	IS 14362:1996	Pile boring equipment - General	MAR 12	

		requirements		
47.	IS/ISO 21573-1:2006)	Building Construction Machinery And Equipment – Concrete Pumps – Part 1: Terminology And Commercial Specifications (Adoption of ISO 21573-1:2006)	JAN 14	
48.	IS/ISO 18652 : 2005	Building Construction Machinery and Equipment – External Vibrators for Concrete[Superseding IS 4656:1968]	JAN 14	
49.	IS/ ISO 15642:2003	Road Construction And Maintenance Equipment – Asphalt Mixing Plants – Terminology And Commercial Specifications	JAN 14	
50.	IS 15947 (Part 1):2012	Concrete Delivery Pipeline : Part 1 Specification	NOV 12	
51.	IS 15947-2:2012	Concrete delivery pipeline - General requirements for pipeline accessories	SEP 2012	

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED

DRAFT STANDARDS COMPLETED WIDE CIRCULATION

Doc: Me 18(1131) C Rack And Pinion Type Passenger Cum Material Lifts – Used For Construction – General Requirements

Doc: ME 18 (1314) Draft Amendment No. 1 to IS 5435 General Requirements For Cold Bituminous Macadam Mixing Plants

Doc: ME 18 (1315) Road construction and maintenance equipment-Asphalt pavers-Terminology and commercial specifications (Adoption of ISO 15878: 2008)

Doc: ME 18 (1316) Road construction and maintenance equipment-Slipform pavers-Definitions and commercial specifications (Adoption of ISO 16039: 2004)

DRAFT STANDARD IN WIDE CIRCULATION

Doc ME 18 (1194) c Draft India Standard Specification for Pneumatic Concrete Breakers (First Revision of IS 3559)

Doc: ME 18 (1349) C Draft Indian Standard Plant, Tools and equipment required for construction of concrete roads and other concrete structures.

MED 20 PUMPS SECTIONAL COMMITTEE

- Scope a) Formulation of standards on components, equipment, methods of tests and code of practices for different type of pumps, excluding handpumps.
b) Co-ordination of work with ISO/TC 115 Pumps.

STANDARDS PUBLISHED

SLNO	IS.NO./DOC.NO.	TITLE	REAFFIRM/ PRINTED	NO.OF AMDTS
1	**IS 1710:1989	Specification for pumps - Vertical turbine mixed and axial flow, for clear cold water (second revision)	FEB 09	2
2	**IS 5120:1977	Technical requirements for rotodynamic special purpose pumps (first revision)	OCT 11	5
3	IS 5600:2002	Pumps - Sewage and drainage - Specification (First Revision)	DEC 12	
4	IS 5639:1970	Specification for pumps handling chemicals and corrosive liquids	OCT 11	
5	IS 5659:1970	Specification for pumps for process water	OCT 11	1
6	IS 6536:1972	Pumps for handling volatile liquids	OCT 11	
7	**IS 6595(P1):2002	Horizontal centrifugal pumps for clear, cold water - Specification Part 1 Agricultural and rural water supply purposes (third revision)	DEC 12	2
8	IS 6595(P2):1993	Horizontal centrifugal pumps for clear, cold water: Part 2 General purpose (other than agricultural and rural water supply) - Specification (second revision)	DEC 12	
9	IS 6596:1972	Specification for pumps for handling paper stock	OCT 11	
10	**IS 8034:2002	Submersible pumpsets - Specification (second revision)	DEC 12	2
11	IS 8418:1999	Pumps - Centrifugal self priming - Specification (first revision)	FEB 09	1
12	IS 8472:1998	Centrifugal regenerative pump for clear, cold water - Specification (first revision)	FEB 09	2
13	**IS 9079:2002	Electric monoset pumps for clear, cold water for agricultural and water supply purposes - Specification (second revision)	DEC 12	1
14	IS 9137:1978	Code for acceptance tests for centrifugal, mixed flow and axial pumps - Class C	DEC 12	4
15	IS 9201:1987	Pumps for handling slurry (first revision)	DEC 12	
16	IS 9542:1980	Specification for horizontal centrifugal monoset pumps for clear, cold, fresh water	DEC 12	2
17	IS 9694(P1):1987	Code of practice for the selection, installation, operation and maintenance of horizontal centrifugal pumps for agricultural applications Part 1 Selection (first revision)	DEC 12	
18	IS 9694(P2):1980	Code of practice for the selection, installation, operation and maintenance of horizontal centrifugal pumps for agricultural application Part 2 Installation	OCT 11	1

19	IS 9694(PT 3):1980	Code of practice for the selection, installation, operation and maintenance of horizontal centrifugal pumps for agricultural applications Part 3 Operation	OCT 11	
20	IS 9694(PT 4):1980	Code of practice for the selection, installation, operation and maintenance of horizontal centrifugal pumps for agricultural applications Part 4 Maintenance	OCT 11	1
21	IS 10572:1983	Methods of sampling for pumps	JAN 10	1
22	**IS 10596(PT 1):1983	Code of practice for selection, installation, operation and maintenance of pumps for industrial applications: Part 1 Selection	DEC 12	
23	IS 10596(PT 2):1983	Code of practice for selection, installation, operation and maintenance of pumps for industrial applications: Part 2 Installation	DEC 12	
24	IS 10596(PT 3):1983	Code of practice for selection, installation, operation and maintenance of pumps for industrial applications: Part 3 Operation	DEC 12	
25	IS 10596(PT 4): 1983	Code of practice for selection, installation, operation and maintenance of pumps for industrial applications: Part 4 Maintenance	DEC 12	
26	** IS 10804:1994	Recommended pumping system for agricultural purposes (second revision)	FEB 09	
27	IS 10805:1986	Specification for Foot valves, reflux valves or non- return valves and bore valves to be used in suction lines of agricultural pumping systems (first revision)	OCT 11	3
28	IS 10981:1983	Code of acceptance test for centrifugal, mixed flow and axial pumps - Class B	DEC 12	
29	IS 11346:2002	Tests for agricultural and water supply pumps – Code of acceptance	DEC 12	1
30	IS 11382:1986	Dimensions for stuffing box cavities of end-suction process pumps	OCT 11	1
31	IS 11501:1986	Engine monoset pumps for clear, cold, water for Agricultural purposes	OCT 11	3
32	IS 11745:1986	Technical supply conditions for positive displacement pumps -reciprocating	OCT 11	1
33	IS 12225:1997	Centrifugal jet pump - Specification (first revision)	DEC 12	2
34	IS 12469:1988	Specification for pumps for fire fighting system	DEC 12	1
35	IS 12699:1989	Selection, installation, operation and maintenance of centrifugal jet pump - Code of practice	FEB 09	2
36	IS 13139:1992 /ISO 3661:1977	End suction centrifugal pumps - Base plate and installation -Dimensions	DEC 12	
37	IS 13518:1992 /ISO 2858:1975	End suction centrifugal pumps (rating 16 bar) - Designation, nominal duty point and dimensions	DEC 12	
38	IS /ISO 5199:2002	Technical specification for centrifugal pumps - Class 2 (Superseding IS13537:1993)	DEC 09	

39	IS 13538:1993 /ISO 5198:1987	Centrifugal , mixed flow and axial pumps - Code for Hydraulic performance tests - Precision class	DEC 12	
40	**IS 14220:1994	Openwell submersible pumpsets - Specification	FEB 09	5
41	IS 14263:1995	Tapers for agricultural pumping systems – Specification	JAN 10	1
42	IS 14536:1998	Selection, installation, operation and maintenance of submersible pump set - Code of practice	FEB 09	
43	IS15657:2006/ ISO13709:2003	Centrifugal Pumps for petroleum, petrochemical and Natural gas industries	OCT 11	

*** INDICATES UNDER REVISION. // INDICATES DUAL NUMBERED STANDARDS.**

DRAFT AMENDMENTS UNDER PRINT

Doc: MED20(1115) Draft Amendment No. 3 IS 6595(Part 1): 2002 Horizontal centrifugal pumps for clear, cold water – Specification Part 1 Agricultural and rural water supply purposes (third revision)

Doc: MED20(1116) Draft Amendment No. 3 to IS 8034:2002 Submersible pumpsets Specification (second revision)

Doc: MED20(1119) Draft Amendment No.2 to IS 9079:2002 Electric monoset pumps for clear cold water for agricultural and water supply purposes – Specification(Third Revision)

Doc:MED 20(1121) Draft Amendment No. 6 to IS 14220:1994 Openwell submersible pumpset – Specification (Third Revision)

DRAFT AMENDMENTS/STANDARD TO BE REDRAFTED

Doc: MED20(1117) Draft Amendment No.2 to IS 8418:1999 Pumps - Centrifugal self priming - Specification (first revision)

Doc: MED20(1118) Draft Amendment No. 2 to IS 8472:1998 Centrifugal regenerative pump for clear, water - Specification (first revision)

Doc:MED 20(1120) Draft Amendment No. 2 to IS 11346:2002 Tests for agricultural and water supply pumps – Code of practice(Third Revision)

Doc: MED 20(1046) Draft Indian Standards Submersible pump for desert cooler

DRAFT STANDARDS COMPLETED WIDE CIRCULATION

MED 20(1220) Draft Indian Standard Pumps -- Testing -- Submersible mixers for wastewater and similar applications(Adoption of ISO 21630:2007)

MED 20(1221)C Draft Indian Standard Pumps — Shaft sealing systems for centrifugal and rotary pumps (Adoption of ISO 21049:2004)

DRAFT STANDARD COMPLETED P-DRAFT CIRCULATION

ME 20 (1171) Recommended pumping systems for agricultural purposes Part1 – Surface pumps (Third Revision of IS: 10804:1994)

ME 20(1198)P Recommended pumping systems for agricultural purpose- (Part 2- Submersible pumpsets (third revision of IS 10804:1994)

ME 20(1206)P Selection, installation, Operation, and Maintenance of Submersible pumpset- Code of Practice (First revision of IS 14536)

MED 21 DIAMOND CORE AND WATERWELL DRILLING SECTIONAL COMMITTEE

Scope - a) Formulation of standards for diamond core drilling equipment and water well drilling rigs including

their accessories. It also includes codes of practice for drilling and boring operations.

b) Co-ordination of work with ISO/TC 82 Mining Through, ISO/TC 82/SC 5 - Rock drilling and SC 6

Diamond core drilling equipment.

STANDARDS PUBLISHED

SLNO	IS.NO./DOC.NO.	TITLE	REAFFIRM/ PRINTED	NO.OF AMDTS
1	*IS 2800(PT 1):1991	Code of practice for tube well Part 1 Construction (second revision)	MAR 12	
2	**IS 2800(PT 2):1979	Code of practice for tube well Part 2 Testing (first revision)	MAR 14	1
3	IS 4097:1967	Gravel for use as pack in tube wells	MAR 14	1
4	IS 7156:1974	General requirements for reverse circulation drilling rigs	MAR 12	1
5	**IS 7206(PT 1):1986	General requirements for direct circulation rotary drilling rigs: Part 1 With rotary table (first revision)	MAR 12	1
6	IS 7209:1974 IISO 722: 1991	General requirements for blast hole drilling rigs	MAR 12	
7	*IS 8110:2000	Well screens and slotted pipes – Specification (second revision)	MAR 11	1
8	IS 8986:1994 IISO 722:1991	Percussive drilling - Drilling steels in bar form - Dimensions (first revision)	MAR 14	
9	IS 9026:2004 IISO 1720:1974	Rope threaded percussive long hole drilling equipment (first revision)	JAN 10	
10	** IS 9439:2002	Glossary of terms used in water well drilling technology (first revision)	JAN 13	
11	IS 10208:1982 IISO 3551-1:1992	Specification for diamond core drilling equipment	MAR 12	1
12	IS 11180:1985	Specification for square and hexagonal Kellys for direct rotary drilling	MAR 12	1
13	** IS 11189:1985	Methods for tube-well development	MAR 14	
14	IS 11312(PT 1):1985	Specification for external upset drill pipe assemblies for use in water well drilling: Part 1 Screwed on joints drill pipe	MAR 12	1
15	**IS 11632:1986	Code of practice of rehabilitation of tube well	MAR 12	
16	IS 11672:1986	Tungsten carbide buttons and inserts for use in Down-the-hole (DTH) bits	MAR 12	
17	IS 11710(PT 1):2005	Selection and design of diamond core drills - Code of practice Part 1 Mechanical drive (First Revision)	MAR 11	

18	IS 11710(PT 2):2005	Selection and design of diamond core drills - Code of practice Part 2 Top drive hydraulic (First Revision)	MAR 11	
19	IS 11830(PT 1):1991	Water well-drilling down-the-hole hammer rigs Part 1 General requirements for hydraulic rigs with or without rotary mode (first revision)	MAR 12	
20	IS 11830(PT 2):1989	Water-well drilling - Down-the-hole hammer rigs: Part 2 General requirements for pneumatic rigs	MAR 14	
21	**IS 12090:1987	Dimensions of rotary tables for direct rotary drilling equipment	MAR 12	
22	IS 12097:1994	Classification and selection of drilling rigs for water well drilling (first revision)	MAR 14	
23	IS 12214:1987	General requirements for rotary hose for water-well drilling equipment	MAR 12	
24	IS 12629:1989	Water well drilling - Rotary hose for rotary drilling – Recommended practice for care and use	MAR 14	
25	IS 12635:2000	Water well drilling and blast hole drilling – Rock roller bit with non-sealed ball and roller bearing arrangement - Technical supply conditions (first revision)	MAR 11	
26	IS 12682:1989	Water well drilling - Percussion drilling rigs - General requirements	MAR 14	
27	IS 15028:2001	Hoist swivel for use with diamond core drilling - Specification	MAR 12	
28	IS 15029:2001	Recovery taps for use with diamond core drilling - Requirements	MAR 12	
29	IS 15083:2001	Water swivel for use with diamond core drilling - Requirements	MAR 12	
30	IS 15145:2002	Round kellys for direct rotary water well drilling rigs - Requirements	JAN 13	
31	IS 15481:2004 /ISO 10097-1:1999	Wireline diamond core drilling equipment – System A – Part 1 Metric Units	JAN 10	

*** INDICATES STANDARDS UNDER REVISION. ** INDICATES STANDARDS TO BE REVISED / INDICATES DUAL NUMBERED STANDARDS. | INDICATES EQUIVALENT STANDARDS**

DRAFT INDIAN STANDARDS FINALISED FOR PRINTING BUT YET NOT IN PRINTING

Doc:ME 21 (1006) General Requirements For Direct Circulation Rotary Drilling Rigs With Rotary Table(second Revision of IS 7206(Pl-1)) with amalgamation of IS 12090:1987 'Dimensions of rotary tables for direct rotary drilling equipment

DRAFT INDIAN STANDARD TO BE REDRAFTED FOR WC

Doc:ME 21 (1005) Well Screens And Slotted Pipes - Specification(Third Revision of IS 8110)

MED 22 COMPRESSORS, BLOWERS AND EXHAUSTERS SECTIONAL COMMITTEE

- Scope - a) Formulation of standards for compressors, blowers, exhausters and their related accessories. It also covers methods of measuring various quantities connected with the testing and code of practices.
- b) Preparation of technical supply conditions and acceptance tests for centrifugal, reciprocating, rotary and dynamic compressors, blowers and exhausters.
- c) Co-ordination of work with ISO/TC 118 Compressors, Pneumatic Tools and Pneumatic machines.

STANDARDS PUBLISHED

SL NO.	IS.NO./DOC.NO.	TITLE	REAFFIRM/ PRINTED	NO.OF AMDTS
1	IS 5456:2006	Code of practice for testing of positive displacement type air compressors and exhausters (second revision)	MAR 12	
2	IS/ISO 2151:2004	Acoustics – Noise Test Code For Compressors And Vacuum Pumps – Engineering method (grade 2) (superseding 11446:1985)	APR 13	
3	IS /ISO 3857-1:1977	Compressors, pneumatic tools and machines – vocabulary Part 1 General	APR 09	
4	IS/ISO 3857-2:977	Compressors, pneumatic tools and machines – vocabulary Part 2 Compressors(Superseding IS 5727:1981)		
5	IS/ ISO 5389:2005	Turbocompressors - Performance test code	APR 14	
6	IS 6206:1985	Guide for selection, installation and maintenance of air compressors up to 10 bars (first revision)	MAR 12	2
7	IS 6430:1985	Mobile air compressor for construction purposes (first revision)	MAR 12	2
8	IS/ ISO 7183:2007	Compressed air dryers - Specification and testing	APR 14	
9	IS 7938:1976	Specification for air receivers for compressed air installation	MAR 12	
10	IS 9242:1986 ISO 5941:1979	Rated pressure of air compressors (first revision)	MAR 12	
11	IS 10431:1994	Measurement of air flow of compressors and exhausters by nozzles (first revision)	APR 13	
12	IS 10962:1984	Technical supply conditions for reciprocating air compressor above 60 kW	MAR 12	2
13	IS 11012:1984	Technical supply conditions for reciprocating air compressors above 25 kW up to and including 60 kW	MAR 12	1
14	IS 11119:1984	Technical supply conditions for sliding vane rotary air compressors	MAR 12	1
15	IS 11421:1985	Techniques of pulsation for suppression for reciprocating compressors	MAR 12	
16	IS 11461:1985 ISO 5388:1981	Code of practice for compressor safety	MAR 12	

17	IS 11465:1985	Technical supply conditions for reciprocating air compressors for power upto 25 kW for general purpose and industrial applications	MAR 12	
18	IS 11563:1986	Technical supply conditions for dynamic compressors	MAR 12	
19	IS 11780:1986	Code for selection and testing of rotary screw air compressors (oil flooded)	MAR 12	
20	IS 11891:1986	Specification for lubrication and oil seal system for dynamic compressors	MAR 12	
21	IS 11989:1986 ISO 7183:1986	Specification for compressed air dryers	MAR 12	
22	IS 12258:1987	Technical supply conditions for air screw compressors (oil flooded) for general purpose and industrial applications	APR 13	
23	IS 13124:1993	Reciprocating gas compressors - Technical supply conditions	APR 13	
24	IS 14641:1999 /ISO 5389:1992	Turbo compressor - Performance test code	APR 13	
25	IS 14642(Pt 2): 1999/ ISO 8573-2: 1996	Compressed air for general use - Part 2 Test methods for aerosol oil	JUNE 08	
26	IS 15661:2006 /ISO 10439:2002	Petroleum, chemical and gas service industries – Centrifugal compressors	MAR 12	
27	IS 15879:2009	Breathing air compressor package - Specification	JUNE 2009	

/ INDICATES DUAL NUMBERED STANDARDS. | INDICATES EQUIVALENT STANDARDS

**MED 23 DOMESTIC AND COMMERCIAL GAS BURNING APPLIANCES (Pressure Type)
SECTIONAL COMMITTEE**

Scope:- Domestic and commercial gas burning appliances (pressure type) such as gas stoves, oven, cooking ranges and water heaters, including gobar gas stoves

STANDARDS PUBLISHED

SLNO	IS.NO./DOC.NO.	TITLE	REAFFIRM/ PRINTED	NO.OF AMDTS
1	IS 4246:2002 [EN 30:1979]	Domestic gas stoves for use with liquefied petroleum gases -Specification (fifth revision)	JAN 13	2
2	IS 4473:2002 [EN 30:1979]	Domestic gas ovens for use with liquefied petroleum gases (first revision)	JAN 13	2
3	IS 4760:2002 [EN 30:1979]	Domestic cooking ranges including grillers for use with liquefied petroleum gases - Specification (third revision)	JAN 13	1
4	IS 5115:1969	Specification for domestic storage type water heaters for use with LPG	JAN 13	
5	IS 5116: 1996	Domestic and commercial equipment for use with LPG - General 1 requirements (third revision)	AUG 11	4
6	IS 5117:1993	Commercial boiling burners for use with LPG – Specification (first revision)	NOV 13	1
7	IS 5543:1970	Specification for bains marie for use with LPG	JAN 13	
8	IS 5544:1970	Specification for hot food cabinets for use with LPG	JAN 13	
9	IS 5776:1988	Bulk water heaters for use with LPG (first revision)	NOV 13	
10	IS 5777:1970	Specification for fryers for use with LPG	JAN 13	
11	IS 6480:1988	Glossary of terms relating to domestic and commercial gas-burning appliances (first revision)	NOV 13	
12	IS 7342:1974	Specification for commercial gas baking and roasting oven	NOV 13	
13	IS 8251:1976	Specification for commercial cooking ranges including grillers for use with LPG	FEB 10	
14	IS 8749:2002	Bio gas stove (second revision)	JAN 13	1
15	IS 11241:1985	Specification for portable liquefied petroleum gas appliances operating at vapour pressure	FEB 10	2

16	IS 11480:1998	Domestic grillers for use with liquefied petroleum gases - Specification (first revision)	NOV 13	1
17	IS 12011:1987	Code of safety practice for domestic LPG installation	JAN 13	
18	IS 12012:1992	Gas taps with or without flame failure devise for domestic and commercial as burning appliances - Specification (first revision)	JAN 13	
19	IS 13432(P1):1992	Gas leak detector for use with low pressure liquefied petroleum gas burning appliances - Specification Part 1 Mechanical type	JAN 13	1
20	IS 13432(P2):1998	Gas leak detector for use with low pressure liquefied petroleum gas burning appliances - Specification Part 2 Electronic type	NOV 13	
21	IS 14612:1999	Commercial burners using LPG at inlet pressure upto 147.1 kN/m^2 (1500 gf/cm^2) – Specification	NOV 13	
22	IS 15558:2005	Mini domestic water heaters for use with LPG - Specification	FEB 10	3

DRAFT STANDARD UNDER PRINT

Doc: ME 23 (1146) Code of practice for installation of gas based instantaneous water heater

MED 24 SECURITY EQUIPMENT SECTIONAL COMMITTEE

Scope - Formulation of standards for safes; cash boxes; strong room doors and safe deposit locker cabinets, ventilation equipment for banks etc.

STANDARDS PUBLISHED

SLNO	IS.NO./DOC.NO.	TITLE	REAFFIRM / PRINTED	NO.OF AMDTS
1	**IS 550(PT 1):2003	Safes: Part 1 Specification (fourth revision)	MAY 13	
2	**IS 550(PT 2):2005	Safes, Part 2 Tests for burglary resistance (fourth revision)	MAY 13	
3	IS 550(PT 3):2005	Safes, Part 3 Tests for fire resistance (fourth revision)	FEB 10	
4	*IS 1046:1992	Cash boxes - Specifications (third revision)	FEB 13	2
5	*IS 5244:1991	Safe deposit locker cabinets - Specification (second revision)	DEC 10	4
6	IS 7152:1992	Book room doors - Specifications (first revision)	FEB 13	2
7	IS 11188(PT 1):1991	Vault (strong room) doors: Part 1 - Specification (first revision)	DEC 10	6
8	IS 11188(PT 2):1991	Vault (Strong room) doors: Part 2 Test for burglary resistance (first revision)	DEC 10	1
9	IS 11188(PT 3):1991	Vault (Strong room) doors: Part 3 Tests for fire resistance (first revision)	DEC 10	
10	IS 12187:1987	Specification for coffers	MAY 13	
11	IS 14203:1999	Fire resisting record protection cabinet - Specification (first revision)	FEB 10	
12	IS 14387:2005	Vaults - Air ventilators – Specifications (first revision)	DEC 10	2
13	IS 14505:1998	Fire resisting magnetic media protection cabinets - Specification	FEB 13	
14	IS 14512:1998	Safe cum safe deposit lockers - Specification	MAY 13	1
15	*IS 14561:2007	Fire resisting (insulating) filing cabinets – Specification (first revision)	FEB 13	
16	*IS 14562:1998	Fire resisting computer media protection cabinets - Specification	MAY 13	

17	IS 15369:2003	Code of practice for construction of vault (strong room)	MAY 13	1
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*** INDICATES STANDARDS UNDER REVISION. ** INDICATES STANDARDS TO BE REVISED**

DRAFT STANDARDS UNDER PRINT

DOC: ME 24 (1247) – Draft Indian Standard Safes Part 1 Specification (Fifth Revision)

DOC: ME 24 (1279) Draft Indian Standard fire resisting (insulating) filing cabinets-specification (Second Revision)

DOC: ME 24 (1280) Draft Indian Standard Cash Boxes Specification (Forth Revision)

DOC: ME 24 (1281) Draft Indian Standard safe deposit locker cabinets-specification (Third Revision)

DOC: ME 24 (1283) Draft Indian Standard Fire Resisting Computer Media Protection Cabinets-Specifications (First Revision)

DOC: ME 24 (1284) Draft Indian Standard Vault (Strong Room) Doors Part 1-Specification (Second Revision)

DRAFT STANDARD COMPLETED WIDE CIRCULATION

DOC: ME 24 (1248) - Draft Indian Standard Safes Part 2 Tests for Burglary Resistance (Fifth Revision)

Doc: ME 24 (1306) Draft *Indian Standard* Specification for Combination Lock

MED 25 PRINTING MACHINERY SECTIONAL COMMITTEE

Scope- Formulation of standards on printing machinery and components covering terminology, dimensions, performance, maintenance and safety requirements.

STANDARDS PUBLISHED

SLNO	IS.NO./DOC.NO.	TITLE	REAFFIRM/ PRINTED	NO.OF AMDTS
1.	IS 10039:1981	Specification for number printing machines, hand operated	AUG 12	
2.	IS 11610:1986	Rubber rollers for offset printing	FEB 10	
3.	IS 12095:1987	Guidelines for metal plates for off-set machines	AUG 12	
4.	IS 12136:1987	Classification of printing machines	AUG 12	
5.	IS 12619:1989	Printing industry - Safety code	AUG 12	
6.	IS 14637:1999	Printing machinery - Recommendations to be given on indication plates	MAR 14	
7.	IS 14640(PT 1):1998 /ISO 11084-1:1993	Graphic technology – Register system for photographic materials, foils and paper – Part 1 Three pin systems	MAR 14	
8.	IS 15141:2002 /ISO 12636:1998	Graphic technology - Blankets for offset printing	AUG 12	
9.	IS 15552:2004 /ISO 12625:1996	Graphic technology - Plates for offset printing - Dimensions	FEB10	
10.	IS 15553:2004 / ISO 12218:1997	Graphic technology – Process control – offset plate making	FEB 10	

/ INDICATES DUAL NUMBERED STANDARDS.

DRAFT STANDARDS/AMENDMENTS UNDER PRINT

- Doc: MED 25(1193) DRAFT AMENDMENT NO.1 TO IS 12136:1987 CLASSIFICATION OF PRINTING MACHINES
- Doc:ME 25 (1184) Draft Indian Standard Graphic technology – Safety requirement for graphic technology equipment and systems – Part 1: General requirements (adoption of ISO 12643-1:2009) (ICS 37.100.10)
- Doc:ME 25 (1185) Draft Indian Standard Graphic technology – Safety requirement for graphic technology equipment and systems – Part 2: Prepress and press equipment and systems (adoption of ISO 12643-2:2010) (ICS 37.100.10)
- Doc:ME 25 (1186) Draft Indian Standard Graphic technology – Safety requirement for graphic technology equipment and systems – Part 3: Binding and finishing equipment and systems (adoption of ISO 12643-3:2010) (ICS 37.100.10)
- Doc:ME 25 (1187) Draft Indian Standard Graphic technology – Safety requirement for graphic technology equipment and systems – Part 4: Converting equipment and systems (adoption of ISO 12643-4:2010) (ICS 37.100.10)

- Doc:ME 25 (1188) Draft Indian Standard Graphic technology – Safety requirement for graphic technology equipment and systems – Part 5: Stand-alone platen presses (adoption of ISO 12643-5 :2010) (ICS 37.100.10)
- Doc:ME 25 (1189) Draft Indian Standard Graphic technology – Process control for the production of half-tone colour separations, proof and production prints – Part 1: Parameters and measurement methods (adoption of ISO 12647-1:2004) (ICS 37.100.01)
- Doc:ME 25 (1190) Draft Indian Standard Graphic technology – Process control for the production of half-tone colour separations, proof and production prints – Part 1 Coldset offset lithography on newsprint (adoption of ISO 12647-3:2005 (ICS 37.100.01)

MED 26 OIL BURNING APPLIANCES SECTIONAL COMMITTEE

- Scope - a) All types of oil burning, heating and lighting appliances.
 b) Co-ordination of work with ISO/TC 109 Oil burners and associated equipment.

STANDARDS PUBLISHED

SLNO	IS.NO./DOC.NO.	TITLE	REAFFIRM/ PRINTED	NO.OF AMDTS
1	IS 1238:2005	Hurricane lanterns - Specification (fifth revision)	FEB 10	
2	IS 1342:2002	Oil pressure stoves - Specification (sixth revision)	FEB 13	3
3	IS 1384:1999	Oil pressure lanterns - Specification (third revision)	FEB 10	1
4	IS 1899:1977	Specification for blow lamps (second revision)	FEB 13	1
5	IS 2787:2006	Oil pressure heaters - Specification (third revision)	MAR 11	2
6	IS 2788:1981	Gas mantles - Specification (first revision)	FEB 13	
7	IS 2980:1999	Non-pressure stoves - Specification (third revision)	FEB 10	3
8	IS 3164:1980	Specification for oil pressure lamps, hanging type (first revision)	FEB 13	1
9	IS 4957:1968	Specification for mantle holders, nozzle type	FEB 13	1
10	IS 8808:1999	Burner for oil pressure stoves and oil pressure heaters - Specification (second revision)	FEB 10	4
11	IS 9557:1980	Specification for wick lamps, non-pressure type	FEB 13	
12	IS 10109:2002	Oil pressure stoves, offset burner type - Specification (first revision)	FEB 13	3
13	IS 11359:1985	Specification for wax candles	MAR 12	1
14	IS 11760:1986	Gravity-fed kerosene wick stove	MAR 12	
15	IS 12202:1987	Glossary of terms relating to oil burning appliances (pressure type and non pressure type)	FEB 13	
16	IS 15333:2004	Kero gas stove - Specification	FEB 10	

*** INDICATES STANDARDS UNDER REVISION. ** INDICATES STANDARDS TO BE REVISED / INDICATES DUAL NUMBERED STANDARDS. | INDICATES EQUIVALENT STANDARDS**

MED 27 HANDPUMPS SECTIONAL COMMITTEE

Scope - Formulation of standards on components, equipment and code of practice for different types of handpumps and manually operated pumps

STANDARDS PUBLISHED

SLNO	IS.NO./DOC.NO	TITLE	REAFFIRM/ PRINTED	NO.OF AMDTS
1	IS 8035:1999	Hand pump - Shallow well – Specification (<i>First Revision</i>)	JAN 10	
2	IS 12732:1989	Deepwell handpumps - Nomenclature identification and packaging of components	JAN 10	1
3	*IS 14106:1996	Direct action handpump – Specification	MAR 12	4
4	* IS 15500 (Parts 1 to 8):2004	Deepwell handpumps components and special tools - Specification (amalgamation of IS 9301, 13056, 13287, 14101, 14102, 14103, 14104, 14105 and 14107)	JAN 10	3

** Standard under revision

DRAFT AMENDMENT FINALIZED BUT NOT UNDER PRINT

DOC: MED 27 (1228) Amendment No.6 to IS 14106 : 1996 Direct action handpump – Specification

DRAFT AMENDMENT UNDER PRINT

DOC : MED 27 (0909) Amendment No.5 to IS 14106 : 1996 Direct action handpump – Specification

MED 28 MECHANICAL VIBRATION AND SHOCK

Scope - a) Formulation of standards on mechanical vibration and shock including:

- i) Terminology
- ii) Excitation by sources, such as machines, and vibration and shock testing devices;
- iii) Elimination, reduction and control, especially by balancing, isolation and damping
- iv) Measurement and human evaluation of shock and vibration exposure
- v) Methods and means of measurement and calibration
- vi) Methods of testing

b) Co-ordination of work with ISO/TC 108, Mechanical vibration and shock

STANDARDS PUBLISHED

S.No.	IS.NO./DOC.NO.	TITLE	REAFFIRM / PRINTED	NO.OF AMDTS
1.	IS/ISO 1925:2001	Mechanical vibration - Balancing - Vocabulary (Superseding IS 13274:1992/ISO 1925:1990)	MAR 13	
2.	IS/ISO 1940-1:2003	Mechanical vibration - Balance quality requirements for rotors in a constant (rigid) state Part 1 Specifications and verification of balance tolerances	JUL 13	
3.	IS/ISO 1940 -2 : 1997	Mechanical vibration - Balance quality requirements for rotors Part 2 Balance Errors.	FEB 10	
4.	IS/ISO 2017-2:2007	Mechanical vibration and shock – Resilient mounting systems – Part 2; Technical information to be exchange for the application of vibration isolation associated with railway systems (Publication of ISO 2017:1982 in parts)	FEB 10	
5.	IS/ISO 2041:2009	Mechanical Vibration, Shock and Condition Monitoring	MAY 13	
6.	IS/ISO 2631-2:2003	Mechanical vibration and shock – Evaluation of human exposure to whole body vibration: Part 2 Vibration in buildings (1Hz to 80Hz) [Superseding IS 13276(P-2):1992/ISO 2631-2:1989]	MAR 13	
7.	IS /ISO 2953:1999	Mechanical vibration – Balancing machines – Description and evaluation (Superseding IS 13277:1992/ISO 2953:1985)	MAR 13	
8.	IS/ISO 4866 :2010	Mechanical vibration and shock vibration of fixed structures- Guidelines for the measurement of vibrations and evaluation their effects on structures	MAY 13	
9.	IS/ISO 5344:2004	Electrodynamics vibration generating systems– Performance characteristics (First revision)	MAR 13	
10.	IS/ISO 5349-1:2001	Mechanical vibration - Measurement and evaluation of human exposure to hand-Transmitted vibration Part 1 General requirements (First revision)	MAR 13	
11.	IS/ISO 5349-2:2001	Mechanical vibration - Measurement and evaluation of human exposure to hand-	MAR 13	

		Transmitted vibration Part 2 Practical guidance for measurement at the workplace (First revision)		
12.	IS/ISO 5982:2001	Mechanical vibration and shock – Range of Idealized values to characterize seated body biodynamic response under vertical vibration (Superseding IS 14730:1999/ISO 5982:1982)	MAR 13	
13.	IS/ISO 6954:2000	Mechanical Vibration – Guidelines for the measurement, reporting and evaluation of vibration with regard to habitability on passenger and merchant ship (Superseding IS 14733:1999/ISO 6954:2000)	MAR 13	
14.	IS/ISO 8042:1988	Shock and vibration measurements - Characteristics to be specified for seismic pick-ups	MAR 11	
15.	IS/ISO 8626:1989	Servo-hydraulic test equipment for generating vibration – Method of describing characteristics	MAR 12	
16.	IS/ISO 7475:2002	Mechanical vibration - Balancing machines - Enclosures and other protective measures for the measuring station. Superseding (IS14734:1999/ ISO 7475:1984)	MAR 13	
17.	IS/ISO 7919-2:2001	Mechanical vibration – Evaluation of machine by measurements on rotating shafts: Part 2 Land based steam turbines and generators in excess of 50 MW with normal operating speeds of 1500 r/min, 3000 r/min and 3600 r/min (Superseding IS 14773(P-2):2000/ISO 7919-2:1996)	MAR 13	
18.	IS/ISO 7919-3:2009	Mechanical vibration- Evaluation of machine vibration by measurements on rotation shafts part 3- Coupled industrial machines	MAY 13	
19.	IS/ISO 7919-4:2009	Mechanical vibration- Evaluation of machine vibration by measurements on rotation shafts part -4 Gas turbine sets with fluid film bearing	MAY 13	
20.	IS/ISO 7919-5:2005	Mechanical vibration – Evaluation of machine by measurements on rotating shafts: Part 5 Machine sets in hydraulic power generating and pumping plants (Superseding IS 14773(P-5):2001/ISO 7919-5:1997)	MAR 13	
21.	IS/ISO 8041:2005	Human response to vibration - Measuring instrumentation. (Superseding IS 14737:1999/ISO 8041:1990)	MAR 13	
22.	IS/ISO 10055:1996	Mechanical vibration- Vibration testing requirements for shipboard equipment and machinery equipment.	MAR 13	
23.	IS/ISO10816-2:2001	Mechanical vibration of machine vibration by measurements on non-rotating parts: Part 2 Land based steam turbines and generators in excess of 50 MW with normal operating speeds of 1500 r/min, 1800 r/min, 3000 r/min and 3600 r/min.(Superseding IS 14817(P-2):2004/ISO	MAR 13	

		10816-2:1996)		
24.	IS/ISO 11342:1998	Mechanical vibration – Method and criteria for the mechanical balancing of flexible rotors (Superseding IS 14918:2001)	MAR 12	
25.	IS 11726:1985 /ISO 2954:1975	Requirements for instruments for measuring vibration severity of rotating and reciprocating machines	MAR 12	
26.	IS/ 13276(Pt 1):2000 /ISO 2631-1:1997	Evaluation of human exposure to whole-body vibration - Part 1 General requirements	JAN 10	
27.	IS 13281:1999 /ISO 5805:1997	Mechanical vibration and shock affecting man – Vocabulary (first revision)	JAN 10	
28.	IS/ISO 13373-1:2002]	Condition monitoring and diagnostics of machines – Vibration condition monitoring Part 1; General Procedures	JAN 11	
29.	IS/ISO 13373-2:2005]	Condition monitoring and diagnostics of machines – Vibration condition monitoring Part 2; Processing analysis and presentation of vibration data	JAN 11	
30.	IS 14280:1995 /ISO 8821:1989	Mechanical vibration - Balancing - Shaft and fitment key convention	MAR 11	
31.	IS/ISO 14963:2003	Mechanical vibration and shock – Guidelines for dynamic tests and investigations on bridges and viaducts	FEB 10	
32.	IS 14731:1999 /ISO 6070:1981	Auxiliary tables of vibration generators - Methods of describing equipment characteristics	JAN 10	
33.	IS 14732:1999 /ISO 6897:1984	Guidelines for the evaluation of the response of occupants of fixed structures, especially buildings and off-shore structures, to low-frequency horizontal meotion(0.063 to 1 Hz)	JAN 10	
34.	IS 14736(Pt 1):1999 /ISO 7626-1:1986	Vibration and shock - Experimental determination of mechanical mobility - Part 1: Basic definitions and transducers	JAN 10	
35.	IS 14736(Pt 2):1999 /ISO 7626-2:1990	Vibration and shock - Experimental determination of mechanical mobility - Part 2: Measurements using single-point translation excitation with an attached vibration exciter.	JAN 10	
36.	IS 14773(Pt 1):2000 /ISO 7919-1:1996	Mechanical vibration of non-reciprocating machines -Measurements on rotating shafts and evaluation Part 1 General guidelines (superseding IS/ISO 7919-1:1986)	MAR 11	
37.	IS 14817(Pt 1):2000 /ISO 10816-1:1995	Mechanical vibration - Evaluation of machine vibration by measurements on non rotating parts: Part 1 General guidelines (Superseding IS 11724:1985/ISO 2372:1974)	MAR 11	

38.	IS 14817(Part 3): 2004/ISO 10816-3: 1998	Mechanical vibration – Evaluation of machine vibration by measurements on non-rotating Parts – Part 3 - Industrial machines with nominal power above 15 kW and Nominal speed between 120 r/min and 15000 r/min when measured in situ	JUL 13	
39.	IS 14817(Part 4):2004 /ISO 10816-4:1998	Mechanical vibration – Evaluation of machine vibration by measurements on Non-rotating Parts – Part 4 - Gas turbines driven sets excluding aircraft derivatives	JUL 13	
40.	IS 14817(Part 5):2004 /ISO 10816-5:2000	Mechanical vibration – Evaluation of machine vibration by measurements on non-rotating Parts – Part 5 - Machine sets in hydraulic power generating and pumping and Pumping plants	JUL 13	
41.	IS 14817(Part 6):2004/ISO 10816- 6:1995	Mechanical vibration – Evaluation of machine vibration by measurements on non-rotating Parts – Part 6 - Reciprocating machines with power rating above 100 kW	JUL 13	
42.	IS 14882:2000 /ISO 10112:1991	Damping materials - Graphical presentation of the complex modulus	MAR 11	
43.	IS 14883:2000 /ISO 5348:1998	Mechanical vibration and shock – Mechanical mounting of accelerometers	MAR 11	
44.	IS 14907:2001 /ISO 10227:1996	Human/human surrogate impact (single shock) testing and evaluation – Guidance on technical aspects	MAR 11	
45.	IS 14910:2001 /ISO 8727:1997	Mechanical vibration and shock – Human exposure – Bio-dynamic Coordinate system	MAR 11	
46.	IS 14916:2001 /ISO 10068:1998	Mechanical vibration and shock – Free mechanical impedance of the human hand-arm system of driving point	MAR 11	
47.	**IS 14917 (Pt 1):2001 /ISO 10326-1:1992	Mechanical vibration – Laboratory method for evaluating vehicle seat vibrations – Part 1: Basic requirements	MAR 11	
48.	IS 14979:2001 /ISO 9996:1996	Mechanical vibration and shock – Distribution to human activity and performance classification	MAR 11	
49.	IS 15592:2005 /ISO 8608:1995	Mechanical vibration - Road surface profiles - Reporting of measured data	MAR 11	
50.	IS 15593:2005 /ISO/TS 10811- 1:2000	Mechanical vibration and shock - Vibration and shock in buildings with sensitive equipment - Part 1: Measurement and evaluation	MAR 11	
51.	IS 15593(Pt 2):2005/ISO/TS 10811-2:2000	Mechanical vibration and shock - Vibration and shock in buildings with sensitive equipment - Part 2: Classification	MAR 11	
52.	IS 15594:2005 /ISO 10815:2005	Mechanical vibration - Measurement of vibration generated internally in railway tunnels by passage of trains	MAR 11	
53.	IS/ISO 20283-2:2008	Mechanical vibration – Measurement of Vibration on ships Part-2 Measurement of Structural vibration	MAR 13	

DRAFT STANDARDS COMPLETED WIDE CIRCULATION

- Doc: ME 28(1295)** Mechanical vibration-Evaluation of machine vibration by measurements on rotating shafts- Part 2: Land-based steam turbines and generators in excess of 50 MW with normal operating speeds of 1500 r/min, 188 r/min, 3000 r/min and 3600 r/min. (Adoption of ISO 7919-2:2009)
- Doc: ME 28(1296)** Mechanical vibration-Evaluation of machine vibration by measurements on non-rotating Part 2: Land-based steam turbines and generators in excess of 50 MW with normal operating speeds of 1500 r/min, 1800 r/min, 3000 r/min and 3600 r/min. (Adoption of ISO 10816-2:2009)
- Doc: ME 28(1297)** Mechanical vibration-Evaluation of machine vibration by measurements on non-rotating parts-Part 3: Industrial machines with nominal power above 15 kW and nominal speeds between 120 r/min and 15000 r/min when measures in situ (Adoption of ISO 10816-3:2009)
- Doc: ME 28(1298)** Mechanical vibration-Evaluation of machine vibration by measurements on non-rotating parts-Part 4: Gas turbine sets with fluid-film bearings. (Adoption of ISO 10816-4:2009)
- Doc: ME 28(1299)** Mechanical vibration-Rotor balancing Part 14: Procedures for assessing balance errors. (Adoption of ISO 21940-14:2012)
- Doc: ME 28(1300)** Mechanical vibration-Rotor balancing Part 21: Description and evaluation of balancing machines (Adoption of ISO 21940-21:2012)
- Doc: ME 28(1301)** Mechanical vibration-Rotor balancing Part 23: Enclosures and other protective measures for the measuring station of balancing machines. (Adoption of ISO 21940-23:2012)
- Doc: ME 28(1302) Mechanical vibration-Rotor balancing Part 32: Shaft and fitment key convention (Adoption of ISO 21940-32:2012)
- Doc: ME 28(1303) *Draft Indian Standard* Mechanical vibration and shock-resilient mounting systems-technical information to be exchanged for the application of isolated systems
- Doc: ME 28(1307) Mechanical vibration of rotating and reciprocating machinery-Requirements for instruments for measuring vibration severity (Adoption of ISO 2954: 2012)
- Doc: ME 28(1308) Mechanical vibration and shock-Experimental determination of mechanical mobility-Part 1: Basic terms and definitions, and transducer specifications .(Adoption of ISO 7626-1: 2011)
- Doc: ME 28(1309) Mechanical vibration and shock-Mechanical impedance of the human hand-arm system at the driving point. (Adoption of ISO 10068: 2012)
- Doc: ME 28(1310) Mechanical vibration –Rotor balancing-Part 31: Susceptibility and sensitivity of machines to unbalance (Adoption of ISO 21940-31: 2013)
- Doc: ME Mechanical vibration and shock-Signal processing Part 1: General introduction

28(1311) (Adoption of ISO 18431-1: 2005)

Doc: ME 28(1312) Mechanical vibration and shock -- Parameters to be specified for the acquisition of Vibration data. (Adoption of ISO 21289: 2008)

DRAFT STANDARDS IN WIDE CIRCULATION

Doc: ME 28 (1344) Vibration and shock -- Experimental determination of mechanical mobility -- Part 5: Measurements using impact excitation with an exciter which is not attached to the structure (Adoption of ISO 7626-5:1994)

MED 29 SEWING MACHINES

- Scope - a) Formulation of standards on sewing machines, sewing machine parts and accessories for household and industrial purposes.
 b) Co-ordination of work with ISO/TC 148 Sewing machines.

STANDARDS PUBLISHED

SLNO	IS.NO./DOC.NO.	TITLE	REAFFIRM / PRINTED	NO.OF AMDTS
1	IS 1294:1989	Bobbins for sewing machines for household purposes (third revision)	MAR 14	
2	IS 1295:1990	Household sewing machines - Needle bar – Specification (second revision)	JAN 11	
3	IS 1296:1989	Household sewing machines - Presser foot – Specification (second revision)	MAR 14	
4	IS 1297:1991	Household sewing machines - Presser bar – Specification (third revision)	SEP 12	
5	IS 1610:2000	Household sewing machines - General requirements (third revision)	FEB 10	
6	IS 2181:1973	Household sewing machine needles (first revision)	JAN 11	1
7	IS 3290:1994	Household sewing machines - Thread take-up lever sub-assembly for cam type sewing machines - Specification (third revision)	SEP 12	
8	IS 3291:1968	Thread take up cams for sewing machines for household purposes (first revision)	SEP 12	1
9	IS 3299:1969	Oscillating-rock shafts for sewing machines for household purposes (first revision)	JAN 11	1
10	IS 3375:1991	Household sewing machines - Bobbin case – Specification (second revision)	SEP 12	
11	IS 3816:1966	Connecting rods for sewing machines for household purposes	JAN 11	1
12	IS 3817:1991	Household sewing machines - Arm shaft - Specification (first revision)	SEP 12	
13	IS 3868:1966	Feed lifting rock shaft for sewing machines for household purposes	JAN 11	
14	IS 4181:1967	Feed fork for sewing machines for household purposes	JAN 11	1
15	IS 4188:1996	Household sewing machines - Oscillating shafts – Specification (first revision)	JAN 11	
16	IS 4338:1991	Household sewing machines - Vertical oscillating shuttle - Specification(second revision)	SEP 12	
17	IS 4339:1997	Needle bar link studs for sewing machines for household purposes(first revision)	SEP 12	
18	IS 4340:1967	Specification for needle bar links for sewing machines for household purposes	JAN 11	2

19	IS 4341:1997	Specification for Household sewing machines – Feed bar rollers and studs – Specification (first revision)	SEP 12	
20	IS 4342:1967	Specification for Specification for Square slider for oscillating rock shaft for sewing machines for household purposes	JAN 11	
21	IS 4632:1968	Specification for Square slider for stitch regulator shaft for sewing machines for household purposes	JAN 11	1
22	IS 4735:1968	Specification for Arm shaft cams for sewing machines for household purposes	JAN 11	1
23	IS 5740:1996	Household Sewing Machines - Memorandum on screw threads for sewing machine components (first revision)	JAN 11	
24	IS 6903:1973	Glossary of terms relating to sewing machines for household purposes	JAN 11	
25	IS 7491:1989	Sewing machines, household - Accuracy requirements (first revision)	NOV 08	
26	IS 7492:1989	Sewing machines, household - Sewing requirements (first revision)	NOV 08	
27	IS 7493:1989	Sewing machines, household - Durability requirements (first revision)	NOV 08	
28	IS 8892:1978	Specification for Bobbins for sewing machines with rotating hooks for industrial use	JAN 11	
29	IS 9152:1979	Glossary of terms and identification symbols relating to classification of industrial sewing machines	JAN 11	
30	IS 9697:1980	Specification for Bobbin cases for sewing machines with rotating hooks for industrial use	JAN 11	
31	IS 9874:1981	Specification for Arm and bed assembly for sewing machines for household purposes	SEP 12	
32	IS 10040:1981	Specification for Rotating hooks for sewing machines for industrial use	SEP 12	
33	IS 10304:1982	Specification for Feed rock shaft for sewing machines for household purposes	SEP 12	
34	IS 10305:1982	Specification for Specification for Feed rock shaft crank for sewing machine for household purposes	SEP 12	
35	IS 10306:1982	Specification for Feed lifting rock shaft crank for sewing machines for household purposes	SEP 12	
36	IS 11280:1996	House hold sewing machines - Feed bar - Specification (first revision)	SEP 12	
37	IS 11345:1985	Specification for Oscillating shaft crank for sewing machines for household purposes	JAN 11	
38	IS 11347:1995	Household sewing machines - Shutter driver - Specification (first revision)	SEP 12	
39	IS 11737:1996	Industrial Bag stitching machines - Specification (first revision)	JAN 11	
40	IS 12058:1987	Specification for Slide plates for sewing machines for household purposes	SEP 12	
41	IS 12109:1987	General requirements for light duty sewing machine heads for industrial use	SEP 12	
42	IS 12740:1989	Household sewing machines - Stand - Specification	MAR 14	
43	IS 12789:1989	Household sewing machines - Tables and base	MAR 14	

44	IS 12798:1989	Household sewing machines - Fly wheels - Specification	MAR 14	1
45	IS 13120:1991	Household sewing machines - Flywheel bush - Specification	SEP 12	
46	IS 13192:1991	Household sewing machines - Hand attachment assembly	SEP 12	
47	IS 13806:1993	Household sewing machine - Closed type shuttle race assembly - Specification	MAR 14	
48	IS 13825:1993	Household sewing machines - Arm shaft front bush - Specification	MAY 13	
49	IS 13872:1993	Household sewing machines - Stitch regulator - Specification	MAR 14	2
50	IS 13972:1994	Household sewing machines - Bobbin winder assembly - Specification	MAR 14	1
51	IS 14207:1994	Household sewing machines - Open type shuttle race sub-assembly - Specification	JAN 11	
52	IS 14477:1997	Industrial sewing machines (Light duty) - Stand - Specification	SEP 12	
53	IS 14761:2000	Link type thread take up lever sub-assembly for industrial sewing machine – specification	JAN 11	
54	IS 14769:2000	Household sewing machine head – General requirements	JAN 11	
55	IS 15169:2002	Needles for sewing machines for industrial purpose - Specification	SEP 12	1
56	IS 15312:2003	Method of tests for seam puckering on material sewn by industrial sewing machines	NOV 09	
57	IS 15313:2003	Method of tests for vibration measurement for industrial sewing machines	MAR 14	
58	IS 15314:2003	Method of tests for tightness and balance of stitches on seam, sewn by industrial sewing machines	MAR 14	
59	IS 15449(Part 1):2004	Household zig zag sewing machine head: Part 1 General requirements	FEB 10	
60	IS 15449(Part 2):2004	Household zig zag sewing machine head : Part 2 Accuracy requirements	FEB10	
61	IS 15449(Part 3):2004	Household zig zag sewing machine head: Part 3 Sewing requirements	FEB 10	
62	IS 15449(Part 4):2004	Household zig zag sewing machine head: Part 4 Durability requirements	FEB 10	

MED 30 GASKETS AND PACKING

Scope - Formulation of standards for radial shaft seals, gaskets and packings made from asbestos, cork, rubber, paper, rope, metal and combinations there of.

STANDARDS PUBLISHED

SLNO	IS.NO./DOC.NO.	TITLE	REAFFIRM / PRINTED	NO.OF AMDTS
1	IS 2712:1998	Compressed asbestos fibre jointings (third revision)	JAN 14	3
2	IS 4253(Part 1):2008	Cork composition sheets – Specification : Part 1 Plain cork sheets (second revision)	JAN 14	
3	IS 4253(Part 2):2008	Cork composition sheets – Specification: Part 2 Cork and rubber (second revision)	JAN 14	1
4	IS 4687:1995	Gaskets and packing- Gland packing asbestos – Specification (second revision)	MAR 12	
5	IS 4688:1968	Specification for proofed cotton duck, gland packing	JAN 14	
6	IS/ISO 6194-1:2007	Rotary shaft lip-type seals incorporating elastomeric sealing elements Part 1 Nominal dimensions and tolerances (Superseding IS 5129(Pt-1):2000)	JAN 14	
7	IS 5129(Pt 2):12003 /ISO 6194-2:1991	Rotary shaft lip type oil seal Part 2: Vocabulary (Third revision)	JAN 14	
8	IS 5129(Pt 3):2000/ ISO 6194/3: 1988	Rotary shaft lip type seals Part 3: Storage -handling and installation	DEC 10	
9	IS 5129(Pt 4):2006/ ISO 6194/4:1999	Rotary shaft lip type seals Part 4: Performance test procedures	MAR 12	
10	IS 5129(Pt 5):2000 /ISO 6194/5:1990	Rotary shaft lip type seals Part 5: Identification of visual imperfections	DEC 10	
11	IS 5414:1995	Gland packing, jute and hemp (first revision)	MAR 12	
12	IS 5566:1970	Specification for vegetable fibre base jointing material	JAN 14	
13	IS 5569:1970	Specification for cork and cellulose base jointing material	JAN 14	
14	IS 6210:1979	Method of test for stress relaxation of gasket materials (first revision)	JAN 14	
15	IS 7714:1975	Method of sealability test for gasket material (first revision)	JAN 14	
16	IS 7719:1975	Specification of metallic spiral wound gaskets (first revision)	SEP 13	
17	IS 9066:1979	Specification for lubricated cotton gland packings	JAN 14	
18	** IS 9975(Pt 1): 1981	Specification for `O' Rings Part 1: Dimensions	JAN 14	2
19	** IS 9975(Pt 2): 1984	Specification for `O' Rings Part 2: Material selection and quality acceptance criteria	JAN 14	
20	** IS 9975(Pt 3): 1984	Specification for `O' Rings Part 3: Seal housing dimensions, tolerances and design criteria for standard applications	JAN 14	1
21	** IS 9975(Pt 4): 1984	Specification for `O' Rings Part 4 : Terminology and definition of terms	JAN 14	
22	IS 10008:1992	Beater addition jointings - Specification (first revision)	SEP 12	1
23	IS 10330:1982	Specification for formed asbestos packing rings for high pressure and high temperature valves	JAN 14	
24	IS 10864:2013	Recommendation for heat exchanger gasket	AUG 13	

25	* IS 11149:1984	Specification for rubber gaskets	JAN 14	1
26	IS 13257:1992	Ring type joint gasket and grooves for pipe flanges - Specification	MAR 12	
27	IS 14538(PT 1):1998	Gaskets and packings – Part 1: Composition cork - Specification	JAN 14	
28	IS 14538(PT 2):1998	Gaskets and packings – Part 2: Compositions cork - Test methods	JAN 14	
29	IS 14539:1998	Insulation mill board - Specification	JAN 14	
30	IS 15430:2003 /ISO 6447:1983	Rubber seals - Joint rings used for gas supply pipes and fittings - Specification for Material	JAN 14	
31	IS 15545 (Pt1):2004 /ISO 16589-1:2001	Rotary shaft lip-type seals incorporating thermoplastic sealing elements Part 1 Nominal dimensions and tolerances	OCT 09	
32	IS 15545 (Pt2):2004 /ISO 16589-2:2001	Rotary shaft lip-type seals incorporating thermoplastic sealing elements Part 2 Vocabulary	OCT 09	
33	IS 15545 (Pt3):2004 /ISO 16589-3:2001	Rotary shaft lip-type seals incorporating thermoplastic sealing elements – Part 3: Storage, handling and installation	OCT 09	
34	IS 15545 (Pt4):2004 /ISO 16589-4:2001	Rotary shaft lip-type seals incorporating thermoplastic sealing elements Part 4 Performance test procedures	OCT 09	
35	IS 15545 (Pt5):2004 /ISO 16589-5:2001	Rotary shaft lip-type seals incorporating thermoplastic sealing elements Part 5 Identification of visual imperfections	OCT 09	

*** INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED**
/ INDICATES DUAL NUMBERED STANDARDS

DRAFT INDIAN STANDARDS COMPLETED WIDE CIRCULATION

DOC:MED 30(1054) Specification for rubber gaskets (First Revision of IS 11149:1984)

Doc ME 30 (1268) Rotary shaft lip-type seals incorporating elastomeric sealing elements- Part 2: Vocabulary (Adoption of ISO 6194-2:2009)

Doc ME 30 (1269) Rotary shaft lip-type seals incorporating elastomeric sealing elements- Part 3:Storage, handling and installation. (Adoption of ISO 6194-3:2009)

Doc ME 30 (1270) Rotary shaft lip-type seals incorporating elastomeric sealing elements- Part 4: Performance test procedures. (Adoption of ISO 6194-4:2009)

Doc ME 30 (1271) Rotary shaft lip-type seals incorporating elastomeric sealing elements-Part 5: Identification of visual imperfections (Adoption of ISO 6194-5:2008)

Doc ME 30 (1272) Rotary shaft lip-type seals incorporating thermoplastic sealing elements- Part 1:Nominal dimensions and tolerances (Adoption of ISO 16589-1:2011)

Doc ME 30 (1273) Rotary shaft lip-type seals incorporating thermoplastic sealing elements- Part 2: Vocabulary (Adoption of ISO 16589-2:2011)

Doc ME 30 (1274) Rotary shaft lip-type seals incorporating thermoplastic sealing elements- Part 3: Storage, handling and installation (Adoption of ISO 16589-3:2011)

Doc ME 30 (1275) Rotary shaft lip-type seals incorporating thermoplastic sealing elements-
Part 4: Performance test procedures (Adoption of ISO 16589-4:2011)

Doc ME 30 (1276) Rotary shaft lip-type seals incorporating thermoplastic sealing elements-
Part 5: Identification of visual imperfections (Adoption of ISO 16589-5:2011)

Doc: ME 30 (1291) Draft Amendment no 1 to IS 2712:1998 Gasket and Packing-
Compressed Asbestos Fiber Jointing-Specification.

MED 32 PHOTOGRAPHIC AND CINEMATOGRAPHIC EQUIPMENT

Scope - Formulation of standards on:

a) Terminology, material requirements, measurements, tests, calculations and performance for photographic equipment and accessories including cameras but excluding chemicals, paper and film.

b) All types of equipment and accessories used in silent and sound motion picture projectors (including still projectors), sound recording and reproduction including dimension cinematographic

films.

Note 1 - The scope does not include components of cinematographic equipment which are already explicitly covered by the scope of other committees, such as acoustics, Recording, electric lamps, glassware.

Note 2 - Video recording equipment is excluded.

Note 3 - Formulation of standards on photographic materials is covered in inorganic Chemical and photographic materials sectional committee, CHD 1.

Co-ordination of work with ISO/TC 172 Optics and optical instruments and ISO/TC 42 Photography and ISO/TC 36 Cinematography..

STANDARDS PUBLISHED

SLNO	IS.NO./DOC.No.	TITLE	REAFFIRM/ PRINTED	NO.OF AMDTS
1	** IS 4495: 1992	Cinematography - light output of narrow gauge film projectors - Method of measurement (first revision)	NOV 12	
2	IS 4496:1968	Screen luminance for the projection of 16 mm film by incandescent lamps	FEB 11	
3	IS 5260:1969 to 5266:1969	Specifications for test films for 16 mm sound and picture cinematograph projectors (in one volume)	FEB 11	
4	IS 5260:1969	Buzz-track test film	FEB 11	
5	IS 5261:1969	Sound focusing test film	FEB 11	
6	IS 5262:1969	Registration test film	FEB 11	
7	IS 5263:1969	Multi-frequency test film	FEB 11	
8	IS 5264:1986	3150 Hz flutter test film for 16 mm cinematograph projectors (first revision)	FEB 11	
9	IS 5265:1969	Sound-and picture test film	FEB 11	
10	IS 5266:1969	400 Hz signal level test film	FEB 11	
11	IS 5353:1969	Screen luminance for the projection of 35 mm film on matt and directional screens	FEB 11	
12	IS 5636:1970	Specification for cans for 16 mm projector spools	FEB 11	2
13	IS 5673:1970	Methods of tests for still projectors	JAN 10	
14	IS 5674:1970	16 mm projector spools	JAN 14	
15	IS 5700:1977	Cinematograph screens (first revision)	JAN 14	
16	IS 5778:1970	Still projectors	JAN 14	
17	IS 6084:1971	Dimensions for 16 mm motion picture film	FEB 11	1

18	IS 6085:1979	Dimensions for 35 mm motion picture film (first revision)	FEB 11	
19	IS 6095:1971	Cans for 35 mm motion picture film	FEB 11	
20	IS 6096:1971	Dimensions for sprockets for 35 mm motion picture projectors	FEB 11	
21	IS 6097:1971	Dimensions for cores for motion picture magnetic film	FEB 11	
22	IS 6119:1971	Carbon arc lamps for motion picture projection	FEB 11	
23	IS 6561to IS 6564:1972	Specifications for test films for 35mm motion-picture sound reproducers, photographic type (In one volume)	FEB 11	
24	IS 6561:1972	Buzz-track test film	FEB 11	
25	IS 6562:1972	1 000 Hz balancing and signal level test film	FEB 11	
26	IS 6563:1972	Sound focusing test film	FEB 11	
27	IS 6564:1972	Scanning beam uniformity test film	FEB 11	
28	IS 6933:1973	35 mm portable motion picture projectors	FEB 11	2
29	IS 6937:1986	Overhead projectors (first revision)	FEB 11	
30	IS 7390:1986	3150 Hz flutter test film for 35 mm motion picture sound reproducers, photographic type (first revision)	FEB 11	
31	IS 7397:1986	B-chain electro-acoustic response of motion picture sound reproduction system (first revision)	FEB 11	
32	IS 7791:1975	Projector alignment test film for 35 mm motion-picture sound reproducers	FEB 11	
33	IS 7848:1975	Studio spot lights for use in motion picture studios	FEB 11	
34	**IS 9125: 1992	Arc lamp carbons for use in cinemas (first revision)	NOV 12	
35	IS 9534:1980	Projectors usage of 8 mm type S motion picture film for direct front projection	FEB 11	
36	IS 9535:1980	Dimensions for 8 mm type S motion picture raw stock film	FEB 11	
37	IS 9552:1980	Camera usage of 8 mm motion picture film perforated type S	FEB 11	
38	IS 9577:1980	Positions and dimensions of image area produced by 8 mm type S motion picture camera aperture and maximum projectable image area	FEB 11	
39	**IS 9915: 1981	Lens aperture markings, still cameras	JAN 10	
40	**IS 9916: 1981	Distance scale markings of photographic lenses	JAN 10	
41	IS 9948:1981	Shutter exposure-time markings still cameras	MAR 12	
42	IS 10547:1983	Specification for Camera accessory shoes for photoflash lamps and electronic photoflash units	MAR 12	
43	IS 10567:1983	Dimensions and designations of optical filter mounts for photographic equipment	MAR 12	
44	IS 10739:1983	Dimensions for model I - Cartridge camera interface and take up core drive of 8 mm type S motion picture camera cartridge	FEB 11	
45	IS 10750(PT 1):1983	Specification for Shutter cable release, photographic: Part 1 Fitting dimensions of tip and socket	MAR 12	
46	IS 10784:1983	Dimensions of small flash connections for hand-held	MAR 12	

		cameras		
47	IS 10822:1984	Dimensions for projection reels for 8 mm type S motion picture film	FEB 11	
48	IS 10835:1984	Specification for Tripod connections, photographic	MAR 12	1
49	IS 10861:1983	Dimensions for sprockets for 8 mm type S motion picture film	FEB 11	
50	**IS 10906:1992 /ISO 1754:1998	Photography - Cameras using films 35 mm and 16 mm film – Picture sizes (first revision)	NOV 12	
51	IS 10912:1992 /ISO 1203:1998	Photography - Roll film cameras - Back window location an picture sizes (first revision)	NOV 12	
52	IS 10917:1984 /ISO 2720-1974	Exposure meters (photoelectric type) for general purposes	FEB 11	
53	IS 11085:1984	Dimensions for tape splices for 8 mm motion picture film for projector use	MAR 12	
54	IS 11164:1992 /ISO 1948:1987	Photography - Front lens barrels up to 127 mm Dimensions important to the connection of auxiliaries (first revision)	NOV 12	
55	IS 11528:1985	Dimensions for reels for 16 mm motion picture projectors (up to and including 120 m capacity: 18 mm size)	FEB 11	
56	IS 11541:1985	Position and dimensions of image area produced by 16 mm motion picture camera aperture and maximum projectable image area	FEB 11	
57	IS 11591:1985	Camera usage of 16 mm motion picture film	FEB 11	
58	IS 11932:1986	Recorded characteristics for magnetic sound on full coat 16 mm motion picture film	FEB 11	
59	IS 12018:1986	A-chain reproduction characteristics of magnetic sound records on 35 mm and 70 mm striped prints	FEB 11	
60	IS 12293:1988	Recorded characteristics of magnetic audio records for motion picture film (8 mm type S)	FEB 11	
61	IS 12310:1988	Flutter test film for 8 mm type S Audio reproducers, magnetic type	FEB 11	
62	IS 12568:1988	Methods for testing black and white photographic enlargers	JAN 10	
63	IS 12748:1989	Motion picture safety film	FEB 11	
64	IS 12749:1989	Cinematography - 65 and 70 mm unexposed motion-picture film - cutting and perforating dimensions	FEB 11	
65	IS 12773:1989	Cinematography - Recorded characteristics of magnetic sound record on 35 mm motion picture magnetic film	FEB 11	
66	IS 12774:1989	Positions and width dimensions recording and producing head gaps and sound records for three-four or six-track magnetic sound records on 35 mm and single-track on 17.5 mm motion-picture film containing no picture	FEB 11	
67	IS 12775:1989	Cinematography - Reproduction characteristics of a chain frequency response for reproduction of 35 mm photography sound	FEB 11	
68	IS 13421:1992	Cinematography - Six-track magnetic sound records on striped release prints - locations and dimensions	NOV 12	

69	IS 14620:1998/ISO 1230:1992	Photography - Determination of flash guide numbers	JAN 14	
70	IS 14621:1998 /ISO 2827:1988	Photography - Electronic flash equipment - Determination of light output and performance	JAN 14	
71	IS 14622:1998 /ISO 5763:1989	Photography - Electronic flash equipment - Automatic control of exposure	JAN 14	
72	IS 15046:2001 /ISO 2721:1982	Photography - Cameras - Automatic contrast of exposure	MAR 12	
73	IS 15047:2002 /ISO 8581:1994	Photography - Electronics flash equipment - Connectors to synchro - cord	MAR 12	
74	IS 15048:2001 /ISO 9336-1:1994	Optics and optical instruments - Optical transfer function application - Part 1 Interchangeable lenses for 35mm still cameras	MAR 12	
75	IS 15049:2002 /ISO 519:1992	Photography - Handheld cameras - Flash connectors dimensions	MAR 12	
76	IS 15050:2001 /ISO 1755:1987	Photography - Projector slides - Dimensions	MAR 12	
77	IS 15357(Pt 1):2003/ISO 11315-1:1997	Photography - Projection in indoor rooms Part 1 Screen illumination test for still projectors	JAN 14	
78	IS 15357(Pt2):2003 /ISO 11315-2:1997	Photography - Projection in indoor rooms Part 2 Screen luminance test for still and video projection	JAN 14	
79	IS 15485:2004/ ISO 10157:1991	Photography - Flash exposure meter - Requirements	JAN 10	
80	IS 15486:2004 /ISO 8478:1996	Photography - Camera lenses - Measurement of ISO spectral transmittance	JAN 10	

**** INDICATES STANDARDS TO BE REVISED**

DRAFT INDIAN STANDARD COMPLETED WIDE CIRCULATION

DOC ME 32 (1214)C – Cinematography – 35mm motion pictures film and magnetic film – cutting and performing dimensions (Adoption of ISO 491:2002)

DOC ME 32 (1215)C – Photography – camera shutters – timing (Adoption of ISO 516:1999)

DOC ME 32 (1216)C – Photography –Apertures and related properties pertaining to photographic lenses – Designations and measurements (Adoption of ISO 517:2006)

DOC ME 32 (1217)C – Photography – Camera accessory shoes, with and without electrical contacts, for photo flash lamps and electric photo flash units – Specification (Adoption of ISO 518:2006)

DOC ME 32 (1218)C –Photography –Hand held cameras- Flash connectors dimensions (Adoption of ISO 519:1992)

DOC ME 32 (1219)C – Photography – Tripod connections (Adoption of ISO 1222: 2010)

- Doc ME 32 (1239) Cinematography – Camera usage of 16 mm motion-picture film- Specifications
- Doc ME 32 (1240) Cinematography – Audio record on 70 mm motion-picture release prints with magnetic strips- Recorded characteristic.
- Doc ME 32 (1241) Cinematography – Magnetic sound records on 70 mm motion- picture release prints with magnetic stripes –A-chain reproduction characteristics.
- Doc ME 32 (1242) Imaging materials-Photographic films-Specifications for safety film.
- Doc ME 32 (1243) Cinematography-65 mm and 70 mm unexposed motion-picture film-Cutting and perforating dimensions.
- Doc ME 32 (1244) Photography- Determination of flash guide numbers for electronic flash equipment.
- Doc ME 32 (1245) Optics and photonics-Optical transfer function-Application Part 1: Interchangeable lenses for 35 mm still cameras.
- Doc ME 32 (1246) Cinematography-Reels for 16 mm motion-picture projectors (up to and including 610 m capacity: 38 cm size) - Dimensions.

MED 33 UTENSILS, CUTLERY DOMESTIC HARDWARE SECTIONAL COMMITTEE

SCOPE - a) Formulation of standards in the field of utensils, cutlery and domestic hardware items.

b) Coordination of work with ISO/TC 186

STANDARDS PUBLISHED

SLNO	IS.NO./DOC.NO.	TITLE	REAFFIRM / PRINTED	NO.OF AMDTS
1	IS 726:1982	Galvanized steel buckets for general use Specification (second revision)	NOV 10	
2	IS 729:1979	Specification for drawer, cupboard locks and box locks(third revision)	MAR 12	
3	IS 921:1965	Specification for Butcher's knives(first revision)	JUL 08	
4	IS 922:1965	Specification for Cook's knives (first revision)	JUL 08	
5	IS 923:1965	Specification for Carving knives (first revision)	JUL 08	
6	IS 924:1965	Specification for Bread knives (first revision)	JUL 08	
7	IS 925:1966	Specification for Pocket knives (first revision)	NOV 10	
8	S 990:1982	Specification for Spoons, stainless steel (second revision)	JUL 08	1
9	IS 991:1964	Specification for Spoons, brass and nickel silver (first revision)	JUL 08	
10	IS 992:1964	Specification for Forks, (table, fish, pastry and serving), stainless steel (first revision)	JUL 08	
11	IS 993:1964	Specification for Forks (table, fish, pastry and serving), brass and nickel silver (first revision)	JUL 08	
12	IS994:1964	Butter knives and fish knives	MAR 12	
13	IS 995:1982	Specification for Table knives, dessert knives and fruit knives (second revision)	NOV 10	
14	IS 1495:1970	Specification for Mild steel dust bins – Specification (first revision)	MAR 12	
15	IS 1660:2009	Wrought aluminium utensils - Specification (first revision) (Amalgamating IS 1660(Part 1):1982 Cooking table, serving storing and baking utensils (second revision), (Part 5):1966 Thick bottom utensils, (Part 6):1980 Compartmental trays and (Part 7):1970 Box, lunch		
16	*IS 2347:2006	Domestic pressure cooker Specification (fifth revision)	NOV 10	1
17	IS 3545:1982	Specification for Meat choppers (first revision)	JUL 08	
18	IS 3546:1966	Specification for Vegetable knives	JUL 08	
19	IS 3721:1966	Specification for Cheese cutting knives for table use	NOV 10	
20	*IS 3847:1972	Mortice night latches – Specification (first revision)	MAR 12	
21	IS 4109:1967	Specification for Kadahies	JUL 08	

22	IS 4119:2008	Press-charcoal burning - Specification (Third Revision)	APR 08	
23	IS 4120:1967	Specification for Tubs and baths	NOV 10	1
24	IS 4768:1981	Specification for Stainless steel buckets (first revision)	MAR 12	
25	IS 4822:1981	Specification for Brass cooking utensils (first revision)	MAR 12	
26	*IS 5930:1970	Specification for Mortice latch (vertical type)	NOV 10	1
27	IS 6291:1971	Specification for Knife, clasp	JUL 08	3
28	*IS 6607:1972	Specification for rebated mortlice locks (vertical type)	NOV 10	1
29	*IS 6799:1987	Specification for Padlocks, bicycle (first revision)	MAR 12	
30	IS 6808:1972	Specification for Grinder, hand domestic	JUL 08	
31	IS 6880:1972	Specification for Machine, Sewian (Vermicall)	MAR 12	
32	IS 7185:1981	Specification for Boiler, milk, aluminium (first revision)	JUL 08	
33	IS 7211:1973	Specification for Mincer, hand operated, clamp type	NOV 10	
34	IS 7257:1973	Specification for Trunks, steel, domestic	NOV 10	
35	IS 7376:1980	Specification for Culinary measures for household purposes (first revision)	MAR 12	
36	IS 7763:1975	Specification for Extractor, juice, domestic	MAR 12	
37	IS 7813:1975	Specification for Box, aluminium, rectangular	JUL 08	1
38	*IS 7881(Pt 1):1975	Glossary of terms relating to building hardware: Part 1 Locks	NOV 10	
39	*IS 7881(PT 2):1976	Glossary of terms relating to building hardware: Part 2 Latches	NOV 10	
40	IS 9040:1978	Methods for sampling of utensils	JUL 08	
41	*IS 9131:1979	Specification for rim locks	MAR 12	
42	IS 9246:1979	Specification for Chapati machine	MAR 12	
43	IS 9730:2008	Non stick unreinforced plastics coatings on domestic cooking utensils - Specification (first revision)	APR 08	
44	*IS 13395:1995	Performance of handles and handle assemblies attached to cookware	JAN 10	
45	IS 14756:2000	Stainless steel cooking utensils - Specification	JAN 10	
46	IS 15104(Part 1):2002 /ISO 8442-1:1997	Materials and articles in contact with foodstuffs – Cutlery and table holloware – Part 1: Requirements for cutlery for the preparation of food	JAN 13	1
47	IS 15104(Part 2):2002 /ISO 8442-2:1998	Materials and articles in contact with foodstuffs – Cutlery and table Holloware – Part 2 Requirements for stainless steel and silver-plated cutlery	JAN 13	2
48	IS 15104(Part 3):2002 /ISO 8442-3:1997	Materials and articles in contact with foodstuffs – Cutlery and table Holloware – Part 3 Requirements for silver-plated table and decorative holloware	JAN 13	3

49	IS 15104(Part 4):2002 /ISO 8442-4:1998	Materials and articles in contact with foodstuffs – Cutlery and table Holloware – Part 4 Requirements for gold-plated cutlery	JAN 13	4
50	IS 15104(Part 5):2005/ISO 8442-5:2004	Materials and articles in contact with foodstuffs – Cutlery and table Holloware – Part 5 Specification for sharpness and edge retention test of cutlery	NOV 10	
51	IS 15104(Part 6):2004 /ISO 8442-6:2000	Materials and articles in contactg with foodstuffs - Cutlery and table Holloware - Part 6: Lightly silver-plated hollowares protected by lacquer	JUL 08	
52	IS 15104(Part 7):2004 /ISO 8442-7:2000	Materials and articles in contactg with foodstuffs - Cutlery and table Holloware - Part 7 Requirements of cutlery mode of silver, other precious metals and their alloys	JUL 08	
53	IS 15104(Part 8):2004 /ISO 8442-8:2000	Materials and articles in contactg with foodstuffs - Cutlery and table Holloware - Part 8: Requirements for silver-plated table and decorative holloware	JUL 08	
54	*IS 15275:2003	Padlocks – Specification	JUL 08	
55	IS 15960: 2013	Specification for Composite bottom stainless. Steel Cooking utensils /pressure cookers [Amalgamation of IS 4536(Pt 1To Pt 3)]	APR 13	
56	*IS 16015:2013	Specification for Mortice locks with lever mechanism (vertical type, sliding door lock & dead lock) (Superseding IS 2209:1976, IS 7540:1974 and IS 8760:1978)	AUG 13	
57	*IS 16016:2013	Cylindrical locks with pin tumbler mechanism - Specification	JUL 13	

* INDICATES STANDARDS UNDER REVISION ** INDICATES STANDARDS TO BE REVISED
/ INDICATES DUAL NUMBERED STANDARDS

DRAFT STANDARDS UNDER PRINT

- DOC: MED 33 (1134) c Amed No 1 to IS 9730:2008 Non- stick unreinforced plastic coating an domestic cooking utensil – specification (First Revision)
- DOC : ME 33 (1133) Draft Amendment No. 2 to IS 2347:2006 Domestic pressure cookers – Specification (fifth revision)
- DOC : ME 33 (1106) Specification of knives (Amalgamating IS : 921, IS 922:1965, IS 923:1965, IS 924:1965, IS 925:1965, IS 3545:1982, IS 3546:1966, IS 3721:1966)
- DOC : ME 33 (1107) Specification for forks (Amalgamating IS 992 and IS 993)
- DOC : ME 33 (1108) Specification for spoons (Amalgamating IS 990 and IS 991)

TO BE REDRAFTED FOR WIDE CIRCULATION

- DOC: ME 33 (1238) Stainless steel cooking utensils – Specification (First Revision of IS 14756)

P-DRAFT CIRCULATED TO MEMBERS

- IS 2347** Domestic pressure cooker (sixth revision of IS 2347)

MED 37 METHODS AND EQUIPMENTS FOR UNDERGROUND COAL GASIFICATION AND COAL BED METHANE

Scope: a) Formulation of standards in the field of underground coal gasification and coal bed methane
b) Coordination of work with ISO/TC 263 Coalbed methane (CBM)

New committee constituted in the field, new subjects for formulation of standard yet to be taken up.

MED 38 MECHANICAL EQUIPMENT USED IN REFUELING STATIONS FOR PETROLEUM AND GASEOUS FUEL SECTIONAL COMMITTEE

- SCOPE: a) Formulation of standards in the field of Mechanical Equipment Used in Refueling Stations For Petroleum and Gaseous Fuel like dispensers/pumps , storage tanks/cascades , compressors , tubing & pipes , valves etc
- b) Coordination of work with ISO/TC 67 Materials, Equipments and Offshore Structures for Petroleum, Petrochemical and Natural Gas Industries.
- c) Co-ordination of work with ISO/TC 252 Natural Gas Fueling station for vehicles.

STANDARDS PUBLISHED

SLNO	IS.NO./DOC.NO.	TITLE	REAFFIRM / PRINTED	NO.OF AMDTS
1	IS 15678:2006	Intelligent pigging of pressurized natural gas pipelines – Code of practice	MAR 12	
2	IS15679:2006	Hot tapping, stopple plugging/line plugging of pressurized natural gas pipelines – code of practice	MAR 12	

DRAFT STANDARDS UNDER PRINT

Doc: MED 38(1130)C Draft Indian standard Petroleum, Petrochemical and Natural Gas Industries, Sector-specific quality management systems - Requirements for product and service supply organizations (Adoption of ISO TS/29001:2010)

MED 39 ENERGY MANAGEMENT SECTIONAL COMMITTEE

SCOPE: Standardization in the field of energy management, including for example: energy efficiency, energy performance, energy supply, procurement practices for energy using equipment and systems, and energy use as well as measurement of current energy usage, implementation of a measurement system to document, report, and validate continual improvement in the area of energy management.

Co-ordination of work with ISO/ TC 242 Energy Management

Co-ordination of work with ISO/ TC 257 General Technical Rules for Determination of Energy Savings in Renovation Projects, Industrial Enterprises and Regions

STANDARDS PUBLISHED

SLNO	IS.NO./DOC.NO.	TITLE	REAFFIRM / PRINTED	NO.OF AMDTS
1	IS/ISO 50001:2011	Energy management systems - Requirement with guidance for use	JULY 11	

ANNEX B

STANDARDS WITHDRAWN / SUPERSEDED

STANDARDS WITHDRAWN

COMM . NO.	IS.NO.	TITLE
33	IS 275- 1982	Specification for padlocks, lever type hand made [Superseded by IS 15275]
7	IS/ISO 509:1996	Dimensions for hand pallet trucks
33	IS 1018:1982	Specification for padlocks, brass lever type machine made [Superseded by IS 15275]
31	IS:1482-1985	Metric scales for use with drafting machines (first revision) [Superseded by IS/ISO 9960-1]
20	IS:1520-1980	Horizontal centrifugal pumps for clear, cold, fresh water (second revision) (withdrawn)
18	IS:2093-1974	Specification for distributors for hot tar and bitumen (first revision) [Superseded by IS 2094(Pt 2)]
16	IS 2209:1976	Specification for mortice locks (vertical type) (third revision) [Superseded by IS16015:2013]
31	IS:2352-1963	Procedure for basic climatic and durability tests for optical instruments (withdrawn)
14	IS:2429(Pt 2)-1970	Round steel short link chain (electric butt welded), Grade 30, Part 2 Calibrated load chain for pulley block and other lifting appliances (second revision) (withdrawn)
18	IS:2434-1973	Specification for hand-operated drums asphalt mixer (first revision) (withdrawn)
18	IS 2439:1963	Specification for metal hand rollers (fixed weight type) (withdrawn)
10	IS 2758:1969	Specification for mild steel point hooks for use with wire rope thimbles
26	IS:2795-1964	Oil pressure stoves (large) [Superseded by IS 1342]
17	IS 2843:1964	Recommendation on nominal capacities for process equipment?
17	IS 2844:1964	Recommendation on nominal diameter for process equipment?
17	IS:2845-1964	Recommendation on nominal pressure for process equipment [withdrawn]
17	IS:2846-1964	Recommendation on nominal temperature for process equipment [withdrawn]
16	IS:2872-1967	Low carbon steel, cylinders for the storage and

transportation of liquefiable gases (superseded by IS 7285)

17	IS 3030:1965	Recommendation for letter symbols, signs and abbreviations used in chemical engineering
10	IS 3109(Pt 2):1982	Short link chain, Grade M(4) Part 2 Calibrated load chain for pulley Block [withdrawn]
17	IS 3132:1965	Recommendations for shaft diameter for chemical equipment
26	IS:3157-1965	Oil pressure stoves (very large), commercial designation No. 3 (superseded by IS:1342)
26	IS:3159-1965	Camp stoves (superseded by IS:1342)
17	IS:3223-1967	Graphical symbols for process measurement and control functions [withdrawn]
33	IS:3257-1980	Stainless steel compartmental trays (first revision) [Superseded by IS 14756]
33	IS:3258-1980	Stainless steel serving utensils (first revision) [Superseded by IS 14756]
18	IS:3366-1965	Specification for pan vibrators [withdrawn]
33	IS:3411-1985	Stainless steel cooking utensils (second revision) [Superseded by IS 14756]
33	IS:3424-1985	Stainless steel table utensils (second revision) [Superseded by IS 14756]
03	IS:3621-1983	Specification for domestic refrigerators (Absorption type) [withdrawn]
14	IS 3813:1967	'C' hooks for use with swivels(withdrawn)
14	IS:3814-1967	Metal arc welded short link, uncalibrated steel chain, Grade 30, for lifting purposes [withdrawn]
14	IS 3815:1969	Point hooks with shank for general engineering purposes [Superseded by 15560]
08	IS:3819-1967	Solid forged coal cutting picks [withdrawn]
08	IS:3820-1982	Tungsten carbide tipped coal cutting picks (first revision) [withdrawn]
08	IS:3869(Pt 1)-1966	Shortwall coal cutting machine: Part 1 General requirement for skid mounted shortwall coal cutting machines [withdrawn]
08	IS:3869(Pt 2)-1966	Shortwall coal cutting machine: Part 2 Recommendations on selection of the basic parameters of the cutting system and the calculation of power consumption [withdrawn]
16	IS:3870-1966	Code of practice for handling gas cylinders and related equipment intended for medical use [withdrawn]
08	IS:3970-1967	Safety detaching hooks used in mines [superseded by

		IS 7587(Part 6)]
16	IS 4093:1981	Non-refillable liquefied petroleum gas containers (second revision) [withdrawn]
18	IS:4198-1967	Specification for emulsion spraying machine for roads [Superseded by IS 2094(Pt 3)]
33	IS 4230:1967	Specification for locks, lever tumbler type (Superseded by IS 15275)
33	IS 4231:1967	Specification for locks, miller type (Superseded by IS 15275)
32	IS 4497: 1977	16mm portable sound and picture cinematograph projects (first revision) [withdrawn]
10	IS 4507:1978	Yacht ropes (first revision) [withdrawn]
14	IS 4531(Pt 1):1988	Swivels: Part 1 General requirements (first revision) [withdrawn]
14	IS 4531(Pt 2):1988	Specification for Swivels: Part 2 Dimensions of bow piece (first revision) [withdrawn]
14	IS 4531(Pt 3):1988	Specification for Swivels: Part 3 Dimensions of eye (first revision) [withdrawn]
33	IS 4536(Pt 1):1987	Specification for Composite bottom stainless steel cooking utensils Part 1 Copper electrodeposited (first revision) (superseded by IS 15960:2013)
33	IS 4536(Pt 2):1969	Specification for Composite bottom stainless steel cooking utensils Part 2 3-Ply construction (superseded by IS 15960:2013)
33	IS 4536(Pt 3):1987	Specification for Composite bottom stainless steel cooking utensils Part 3 Copper Clad (superseded by IS 15960:2013)
18	IS 4656:1968	Specification for form vibrators for concrete [Superseded by IS/ISO 18652:2005]
10	IS:4734-1968	Short needle bars for sewing machines for household purposes [withdrawn]
16	IS 4784:1968	Low pressure regulators for use with butane gases [withdrawn]
16	IS 4785:1968	Low pressure regulators for use with propane gas [withdrawn]
08	IS 4791:1968	Glossary of mining terms (drainage) [Superseded by IS 15838(Pt 1 to 10):2008]
08	IS 4792:1968	Glossary of mining terms (ventilation) [Superseded by IS 15838(Pt 1 to 10):2008]
08	IS 4863:1968	Glossary of mining terms (drilling and blasting) [Superseded by IS 15838(Pt 1 to 10):2008]
17	IS 4864:1968	Shell flanges for vessels and equipment: General requirements
17	IS 4865:1968	Welded shell flanges for non-pressure service

17	IS 4866:1968	Welded shell flanges for carbon steel pressure vessels and Equipment
17	IS 4867:1968	Welded neck shell flanges for carbon steel pressure vessels and equipment
17	IS 4868:1968	Welded shell flanges for stainless steel pressure vessels and equipment
17	IS 4869:1968	Welded shell flanges with hub for stainless steel pressure vessels and equipment
07	IS 4988(Pt.1):1969	Glossary of terms and classification of earth moving machinery: Part 1 General terms
07	IS 4988(Part 2):1968]	Glossary of terms and classification of earth moving machinery: Part 2 Dozers [Superseded by IS/ISO 6747:1998]
07	IS 4988 Part 3):1968]	Glossary of terms and classification of earth moving machinery: Part 3 Motor and towed scrapers [Superseded by IS/ISO 7133:1994]
07	IS 4988 (Part 5):1968	Glossary of terms and classification of earth moving machinery: Part 5 Motor graders [Superseded by IS/ISO 7134:1993]
07	IS 5007:1988/ ISO 509:1966	Dimensions for hand pallet trucks (first revision) [Superseded by IS/ISO 509:1996]
08	IS 5028:1969	Glossary of mining terms (planning and surveying) [Superseded by IS 15838(Pt 1 to 10):2008]
30	IS 5129(Pt-1):2000/	Rotary shaft lip-type seals incorporating elastomeric sealing ISO 6194-1:1982 elements Part 1 Nominal dimensions and tolerances (Superseded by IS/ISO 6194-1:2007)
10	IS 5202:1969	Flat hoisting wire ropes used in mines [withdrawn]
10	IS 5203:1969	Flat balancing wire ropes use in mines [withdrawn]
08	IS 5307:1969	Glossary of mining terms (boring and exploration) [Superseded by IS 15838(Pt 1 to 10):2008]
14	IS 5532(PT 1)-1984	Glossary of terms for cranes, Part 1 Type of cranes (first revision) [withdrawn]
14	IS 5532(PT 2)-1984	Glossary of terms for cranes Part 2 Parameters (first revision) [withdrawn]
14	IS 5532(PT 3)-1984	Glossary of terms for cranes, Part 3 General concepts (first revision) [withdrawn]
14	IS 5532(PT 4)-1984	Glossary of terms for cranes, Part 4 Components parts (first revision) [withdrawn]
14	IS 5537-1991	Lashing chain_ - Specification (first revision) [withdrawn]
22	IS 5538(PT 1)-1969	Measurement of airflow of compressors and exhausters: Part 1 Nozzles [withdrawn]
22	IS 5538(PT 2)-1969	Measurement of airflow of compressors and exhausters: Part 2 Orifice plates_ [withdrawn]

14	IS5616:1982	Short link chain for lifting purposes general conditions of acceptance(first revision) [Superseded by ISO 1834:1999]
14	IS 5629-1970	Specification for mild steel forged triangular lifting eyes [withdrawn]
22	IS 5727-1981 /ISO 3857-2:1972	Glossary of terms relating to compressors and exhausters (first revision)[Superseded by IS/ISO 3857-2:1977]
14	IS 5729-1970	Specification for treble-swivel assembly for ships' union purchase [withdrawn]
08	IS 5767:1970	Glossary of mining terms (strata control) [Superseded by IS 15838(Pt 1 to 10):2008]
08	IS 5768:1970	Glossary of mining terms (winning and working) [Superseded by IS 15838(Pt 1 to 10):2008]
08	IS 5769-1981	Coal cutting tools, mushroom, V-faced tungsten carbide tipped (first revision) [withdrawn]
08	IS 5770-1982	Coal cutting tools, mushroom flat-faced tungsten carbide tipped (first revision) [withdrawn]
08	IS 5771-1981	Coal cutting tools, point attack tungsten carbide tipped (first revision) [withdrawn]
08	IS 5772-1982	Coal cutting tools, parrot-beak, flat faced tungsten carbide tipped (first revision) [withdrawn]
08	IS 5773-1970	Coal cutting tools, straight bar V and FV-faced tungsten carbide tipped [withdrawn]
08	IS 5774-1970	Coal cutting tools, straight bar, core breaker [withdrawn]
08	IS 5775-1970	Coal cutting tools, radial flate faced tungsten carbide tipped [withdrawn]
08	IS 5814:1970	Glossary of mining terms (shaft and associated equipment) [Superseded by IS 15838(Pt 1 to 10):2008]
08	IS 5854-1970	Coal cutting tools, radial V and FV-faced tungsten carbide tipped (first revision) [withdrawn]
08	IS 5855-1982	Coal cutting tools, parrot-beak V and FV-faced tungsten carbide tipped (first revision) [withdrawn]
08	IS 5940:1970	Glossary of mining terms (geology) [[Superseded by IS 15838(Pt 1 to 10):2008]
14	IS 6132:2003 /ISO 2415:1987	Forged shackles for general lifting purposes- Dee shackles and bow shackles (merging IS 6132 Pt 1 Pt 2 and Pt 3) [Superseded by IS/ISO 2415:2004]
14	IS 6168-1971	Specification for C hooks with eyes for marine purposes [withdrawn]
14	IS 6215:1982	Specification for short link chain, Grade T(8) calibrated for lifting putposes (first revision) [Superseded by IS/ISO 3076:1984]
14	IS 6216:1982	Specification for short link chain, Grade T(8) calibrated for pulley

		block and other lifting appliances (first revision) [Superseded by IS/ISO 3077:2001]
14	IS 6294:1971	Point hooks with shank (for capacities 63 tonnes to 100 tonnes) [Superseded by IS 15560]
07	IS 6839(Part 1):1994	Glossary of terms relating to non-powered materials handling equipment, Part 1 Castors and wheels Superseded by IS/ISO 22877:2004]
07	IS 7261:1985 /ISO 2184:1972	Dimensions of top-plates for castor (first revision) (Superseded IS/ISO 22883:2004 & IS/ISO 22884:2004)[withdrawn]
16	IS 7311:1974	Seamless high carbon steel cylinders for permanent and high pressure liquefiable gases (superseded by IS 7285)
16	IS 7540:1974	Specification for mortice dead locks [Superseded by IS16015:2013]
08	IS 7578:1975	Specification for wedge and slot type roof bolt [withdrawn]
08	IS 7580:1975	Glossary of mining terms (transport) [Superseded by IS 15838(Pt 1 to 10):2008]
08	IS 7586:1975	Specification for friction props for mines [withdrawn]
16	IS 7680:1985	Specification for welded low carbon steel gas cylinders for ammonia (Anhydrous) gas (first revision) [Superseded by IS 3196(Part 4):2001]
16	IS 7681:1985	Specification for welded low carbon steel gas cylinders for chlorine gas (first revision) [Superseded by IS 3196(Part 4):2001]
16	IS 7682:1985	Specification for welded low carbon steel gas cylinders for methyl bromide gas (first revision) [Superseded by IS 3196(Pt 4):2001]
28	IS/ISO 7919-1:1986	Mechanical vibration of non-reciprocating machines – Measurement on rotating shaft and evaluation: Part 1 General guidelines [Superseded by IS 14773(Pt 1):2000/ ISO 7919-1:1996]
16	IS 8198(Pt 1):1984	Code of practice for steel cylinders for compressed gases: Part 1 Atmospheric gases (first revision) (Superseded by IS 8198:2004)
16	IS 8198(Pt 2):1984	Code of practice for steel cylinders for compressed gases: Part 2 Hydrogen gas (first revision) (Superseded By IS 8198:2004)
16	IS 8198(Pt 3):1984	Code of practice for steel cylinders for compressed gases: Part 3 High pressure liquefiable gases (first revision) (Superseded By IS 8198:2004)
16	IS 8198(Pt 4):1984	Code of practice for steel cylinders for compressed gases: Part 4 Dissolved acetylene gas (first revision) (Superseded By IS 8198:2004)

08	IS 8266:1976	Specification for expansion shell type roof bolts [withdrawn]
16	IS 8471(P1):1977	Requirements for acetylene generators: Part 1 Low pressure, stationary, of water-to-carbide and carbide to water type (Superseded by IS 8471:2003)
16	IS 8471(P2):1977	Requirements for acetylene generators: Part 2 Low pressure, portable, of water-to-carbide type(Superseded by IS 8471:2003)
16	IS 8471(P3):1977	Requirements for acetylene generators: Part 3 Low pressure, portable, of carbide-to-water type (Superseded by IS 8471:2003)
16	IS 8471(P4):1977	Requirements for acetylene generators: Part 4 Medium pressure stationary, of water-to-carbide and carbide-to-water type (Superseded by IS 8471:2003)
16	IS 8471(P5):1977	Requirements for acetylene generators: Part 5 Medium pressure, portable, of water-to-carbide and carbide-to-water type (Superseded by IS 8471:2003)
14	IS 8610:1977	Specification for point hooks with shank capacity up to 25 tonnes – Trapezoidal section [Superseded by IS 15560]
17	IS 8658:1978	Purchaser's data sheet for vibrating screens
17	IS 8659:1978	Purchaser's data sheet for basket type centrifuges
17	IS 8660:1978	Purchaser's data sheet for vibrating vibrators for use with bin and hopper
16	IS 8737(P1):1979	Valve fittings for use with liquefied petroleum gas (LPG) cylinders of more than 5 litre water capacity Part 1 Valve fittings for replacement purposes [withdrawn]
16	IS 8760:1978	Specification for mortice sliding door locks, with lever Mechanism Superseded by IS16015:2013]
17	IS 9082:1979	Purchaser's data sheet for bursting discs and assemblies
17	IS 9083:1979	Purchaser's data sheet for rubber lined tanks
17	IS 9084:1979	Recommendation for nominal capacities for fluid storage spherical tanks
16	IS 9121:2005	Inspection gauges for checking Type 1 (Size 2) Taper threads of gas cylinder valves, Taper 1 in 16 - Specification (first revision) [withdrawn]
17	IS 9151:1979	Glossary of terms for process equipment
16	IS 9199:1979	Inspection gauges for checking taper threads of gas Cylinder valves, type 3, taper 6 degree include angle [withdrawn]
17	IS 9240:1979	Purchaser's data sheet for gas scrubber cooler or absorber
17	IS 9241:1979	Purchaser's data sheet for electrostatic precipitators
17	IS 9254:1979	Supplier's data sheet for electrostatic precipitators

17	IS 9260:1979	Supplier's data sheet for crystallizer
17	IS 9289:1979	Purchaser's data sheet for agitators
27	IS 9301:1990	Deepwell hand pumps – Specification (third revision) [Superseded by IS 15500(Pt 1 to 8)]
17	IS 9539:1980	Purchaser's data sheet for solid bowl scroll discharge centrifuges?
17	IS 9540:1980	Purchaser's data sheet for plate and frame filters
17	IS 9578:1980	Purchaser's data sheet for liquid/solid separation centrifuges
17	IS 9579:1980	Supplier's data sheet for hammer mills
17	IS 9580:1980	Purchaser's data sheet for hammer mills
17	IS 9602:1980	Supplier's data sheet for agitators
16	IS 9687:1980	Specification for inspection gauges for checking Type 1 (Size 1) Taper threads of gas cylinder valves, Taper 1 in 16 [withdrawn]
17	IS 9693:1980	Purchaser's data sheet for spray dryers
07	IS 10280:1993 ISO 6750:1984	Earth-moving machinery - Operation and maintenance - Format and content of manuals (Superseded by IS/ISO 6750:2005)
17	IS 10444:1983	Specification for Hammer mills
24	IS 10486:1983	Performance requirements for class A safes [Superseded by IS 550(Pt 2) and IS 550(Pt 3)]
14	*IS 10617(Pt 2):1983	Specification for Hermetic compressors: Part 2 Medium temperature application group
14	*IS 10617(Pt 3):1983	Specification for Hermetic compressors: Part 3 Low Temperature application group
7	IS 10704:1999 /ISO 2867:1994	Earth moving machinery - Access system (second revision) [Superseded by IS/ISO 2867:2006]
17	IS 10843:1984	Glossary of terms for crushers
27	IS 11004(Pt 1):1992	Code of practice for installation and maintenance of deep well hand pumps Part 1 Installation (first revision) [withdrawn]
27	IS 11004(Pt 2):1992	Code of practice for installation and maintenance of deep well hand pumps Part 2 Maintenance (first revision) [Withdrawn]
20	IS 11053:1983	Process pumps [withdrawn]

25	IS 11097(Pt 1):1984	Glossary of terms for printing machinery Part 1 Fundamental terms [withdrawn]
7	IS 11114(Pt 1):1985	Definitions of dimensions and symbols for earth-moving Machinery : Part 1 Reference system [withdrawn]
07	IS 11114(Pt 4):1993 ISO 7131:1984	Earth-moving machinery - Definitions of dimensions and symbols: Part 4 Loaders - Terminology and commercial Specifications (superseded by IS/ISO 7131:1997)
07	IS 11115:1999	Earth-Moving Machinery - Human Physical Dimensions of Operators and Minimum Operator Space Envelope [Superseded by IS/ISO 3411:2007]
32	IS 11577:1985	Dimensions for projectable reels for 8mm type S motion picture film for use with projection cassettes.
28	IS 11717:2000	Vocabulary on vibration and shock (<i>first revision.</i>) [Superseded by IS/ISO 2041:1990]
25	IS 11122(Pt-1):1985 Part 1	Specification for letter press printing plates and equipment Original printing plates
25	IS 11122(Pt-2):1984 Part 2	Specification for letter press printing plates and equipment flat metal duplicate plates
25	IS 11122(Pt-3):1984	Specification for letter press printing plates and equipment Part 3 Gallies
25	IS 11122(Pt-4):1984	Specification for letter press printing plates and equipment Part 4 Jobbing chases
25	IS 11175:1985	Dimensions of metal lithographic plates
18	IS 11391:1985	General requirements for single vibrating roller, towed type [withdrawn]
22	IS 11446:1985 /ISO 2151:1972	Method of measurement of airborne noise emitted by compressors units intended for outdoor use(withdrawn) [Superseded by IS/ISO 2151:2004]
26	IS 11463:1985	Specification for blow lamp, petrol [withdrawn]
28	IS 11717:2000 /ISO 2041:1990	Vocabulary on vibration and shock (<i>first revision.</i>)
28	IS 11723 : Part 1 : 1992 1940-1 : 1986	Mechanical Vibration - Balance Quality Requirements of /ISO Rigid Rotors - Part 1 : Determination of Permissible Residual Unbalance (Superseded by IS / ISO 1940-1:2003)
28	IS 11724:1985/ ISO 2372-1974	Basis for specifying the rules in evaluating the mechanical vibration of machines in the operation range 10 to 200 rev/s [Superseded by IS 14817(Pt 1):2000/ ISO 10816-1:1995]

28	IS 11725:1985/ ISO 2373-1987	Measurement and evaluation of the vibration severity of certain rotating electrical machinery with shaft height Between 80 and 400 mm (Superseded by IS 14817/ ISO 19816-2:1996)
28	IS 11727:1985 /ISO 3945:1985	Measurement and evaluation of vibration severity of rotating and reciprocating machines [withdrawn]
8	IS 11922:1986	Portable mine hoist [withdrawn]
6	IS 12059:1987, ISO 3922:1978	Dimensions for rotary vane feeders
07	IS 12138:1993	Earth-moving machinery - Basic types - Vocabulary [Superseded by IS/ISO 6165:2006]
07	IS 12192:1993	Earth-moving machinery - Volumetric ratings for hoe-type and grab-type buckets of hydraulic excavators and backhoe loaders
21	IS 12194:1987	Dimensions for rock roller bits and blade drag bits for rock drilling equipment [withdrawn]
33	IS 12197:1987	Specification for padlocks, pin tumbler type (Superseded by IS 15275)
10	IS 12694:1993 /ISO 8369:1986	Large diameter steel wire ropes (first revision) [withdrawn]
6	IS 12919:1990	Conveyor chains for cane sugar industry_ - Specification [withdrawn]
4	IS 12933(Pt 4)-1990	Solar flat plate collector: Part 4 Performance requirements and accepted criteria [withdrawn]
4	IS 12934:1990(1035)	Solar energy - Thermal applications - Vocabulary (Adoption of ISO 9488:1999) (Superseded by IS/ISO 9488:1999)
17	IS 12995:1990	Process/basic engineering/know how packages - data sheet
27	IS 13056:1991	Deep well hand pumps (VL0M) – Specification [Superseded by IS 15500(Pt 1 to 8):2004]
08	IS 13220:1991	Friction props – Hydraulic setting device – General requirements [withdrawn]
28	IS 13274:1992 ISO 1925:1990	Mechanical vibration - Balancing - Vocabulary (Superseded by IS/ISO 1925:2001)
28	IS 13275:1992 /ISO 2371:1974	Description and evaluation of field balancing equipment [withdrawn]
28	IS 13276(Pt 2):1992 ISO 2631-2:1989	Evaluation of human exposure to whole body vibration: Part-2 Continuous and shock induced vibration in buildings (1Hz to 80 Hz) (Superseded by IS/ISO 2631-2:2003)
28	IS 13277:1992	Balancing machines – Description and

	ISO 2953:1985	evaluation (Superseded by IS/ISO 2953:1999)
28	IS 13278:1999 /ISO 3719:1994	Mechanical vibration - Symbols for balancing machines and associated instrumentation (first revision)
28	IS:13279-1992 /ISO 5343-1983	Criteria for evaluating flexible rotor balance [Superseded by IS 14918:2001/ISO 11342:1992]
28	IS:13280-1992 /ISO 5406-1980	Mechanical balancing of flexible rotors [Superseded by IS 14918:2001/ISO 11342:1992]
27	IS 13287:1992	Extra deep well hand pumps – Specification [Superseded by IS 15500(Pt 1 to 8):2004]
14	IS 13473(Pt 2);1992 ISO 4306-2:1985	Cranes - Vocabulary: Part 2 Mobile cranes (superseded by IS/ISO 4306-2:1994)
14	IS 13473(Pt 3);1992 ISO 4306-3:1985	Cranes - Vocabulary: Part 3 Tower cranes (Superseded by IS/ISO 4306-3:2003)
20	IS 13537-1993/ ISO5199:1986	Technical specification for centrifugal pumps – Class 2 [Superseded by IS/ISO 5199]
07 by	IS 13769:1993 ISO 3449:1992	Earth-moving machinery – Falling object protective structures – Laboratory tests and performance requirements (superseded IS/ISO 3449:2005)
10	IS 13869:1993 /ISO 10092:1990	High breaking load steel wire rope – Specification [withdrawn]
25	IS:13906-1994	Graphic technology - Sheet fed printing machines - Range of sizes [withdrawn]
27	IS 14101:994	Deep well hand pumps – Components – Cast iron – Specification [Superseded by IS 15500(Pt 1 to 8):2004]
27	IS 14102:1994	Deep well hand pumps – Components – Leaded tin bronze Specification [Superseded by IS 15500(Pt 1 to 8):2004]
27	IS 14103:1994	Deep well hand pumps – Components – Mild steel - Specification [Superseded by IS 15500(Pt 1 to 8):2004]
27	IS 14104:1994	Deep well hand pumps – Components – Nitrile rubber- Specification [Superseded by IS 15500(Pt 1 to 8):2004]
27	IS 14105:1994	Deep well hand pumps – Components – Stainless steel - Specification [Superseded by IS 15500(Pt 1 to 8):2004]
27	IS 14107:1994	Special tools for deep well hand pump [Superseded by IS 15500(Pt 1 to 8):2004]
28	IS 14259:1995 /ISO 2017:1982	Vibration and shock - Isolators - Procedures for specifying characteristics [withdrawn] [ISO 2017-1 & ISO 2017-2 to be adopted in place of existing standard]
24	IS 14204:1994	Safe - Non fire resting - Specification [withdrawn]

22	IS 14642(PART 1):1999	Compressed air for general use: Part 1 Contaminants and quality /ISO 8573-1:1991 classes (Superseded by IS / ISO 8573-1:2001)
28	IS 14728:1999 /ISO 4867:1990	Code for the measurement and reporting of shipboard vibration data [withdrawn]
28	IS 14729:1999 /ISO 4868:1984	Code for the measurement and reporting of local vibration data of ship structures and equipments [withdrawn]
28	IS14730:2000	Vibration and shock - Mechanical driving point impedance of the ISO 5982:1981 human body (Superseded by IS/ISO 5982:2001)
28	IS 14733:1999 ISO 6954:1984	Mechanical vibration and shock - Guidelines for the overall evaluation of vibration in merchant ships (Superseded by IS/ISO 6954:2000)
28	IS 14734:1999 ISO 7475:1984	Balancing machines - Enclosures and other safety measures {Superseded by IS/ISO 7475:2002}
28	IS 14737:2000 ISO 8041:1990	Human response to vibration - Measuring instrumentation {Superseded by IS/ISO 8041:2005}
28	IS 14773(Pt 2):2000 ISO 7919-2:1996	Mechanical vibration of non-reciprocating machines - Measurements on rotating shafts and evaluation criteria: Part 2 Large land based steam turbines generator sets (Superseded by IS/ISO 7919-2:2001)
28	IS 14773(Pt 3):2000	Machines - Measurements on Rotating Shafts and Evaluation Criteria - Part 3 : Coupled Industrial Machine [Superseded by IS/ISO 7919-3:1986]
28	IS 14773(Pt 4): 2000	Mechanical Vibration of Non-reciprocating Machines- Measurements on Rotating Shafts and Evaluation Criteria - Part 4 : Gas Turbine Sets[(Superseded by IS/ISO 7919-4:1986]
28	IS 14773(Pt 5):2001 ISO 7919-5:1997	Mechanical vibration of non-reciprocating machines - Measurements on rotating shafts and evaluation criteria: Part 5 Machine set in hydraulic power generating and pumping plants (Superseded by IS/ISO 7919-5:2005)
28	IS 14817(Pt 2):2004 ISO 10816-2:1996	Mechanical vibration - Evaluation of machine vibration by measurements on non-rotating parts: Part 2 Large land based steam turbine generator sets in excess of 50 MW (Superseded by IS/ISO 10816-2:2001)
28	IS 14884:2000	Mechanical Vibration and Shock - Vibration of Buildings – Guidelines for the Measurement of Vibrations and Evaluation of Their Effects on Buildings (Superseded by IS/ISO 4866:1990)
28	IS 14908:2001 /ISO 7962:1987	Mechanical vibration and shock – Mechanical transmissibility of the human body in z-direction [withdrawn]
28	IS 14918 : 2001	Mechanical Vibration - Methods and Criteria for the Mechanical Balancing of Flexible Rotors (Superseded by IS/ISO 11342:1998)
32	IS 15357(Pt.3):2003	Photography – Projection in indoor rooms: Part 3 Classification of transmitting projection screens and measurement of their

		transmitted luminance levels [withdrawn]
32	IS 15484:2004	Photography – Overhead projectors – Methods for measuring and reporting performance characteristics[withdrawn]
28	IS 15591:2005 /ISO 8569:1996	Mechanical vibration and shock - Measurement and evaluation of shock and vibration effects in sensitive equipment in buildings
28	IS/ISO 20806:2004	Mechanical vibration – Criteria safeguards for the in-situ balancing of medium and large rotors
27	SP 56-1994	Location, operation and maintenance of tube/bore wells - Guidelines [withdrawn]
20	SP 58-1995	Handbook on pumps for drinking water supply [withdrawn]

ANNEX C
LIST OF IS WITH DUAL NUMBER/EQUIVALENT STANDARDS/ HARMONIZED
WITH OTHER STANDARDS ORGNIZATIONS

MED 03 REFRIGERATION AND AIR CONDITIONING SECTIONAL COMMITTEE

DUAL NUMBERED STANDARDS

IS 5111:1993 /ISO 917:1989	Testing of refrigerant compressors (first revision)
IS/ISO 817:2005	Refrigerants - Number designation system (Superseding IS 10609:1983)

MED 04 RENEWABLE ENERGY SOURCES SECTIONAL COMMITTEE

IS/ISO 9488: 1999	Solar energy - Vocabulary (Superseding IS 12934:1990)
IS/ ISO 9847:1992	Solar Energy – Calibration of field pyranometers by comparison to reference Pyranometer

MED 06 CONTINUOUS BULK CONVEYING, ELEVATING, HOISTING, AERIAL
ROPEWAYS AND RELATED EQUIPMENT SECTIONAL COMMITTEE

DUAL NUMBERED STANDARDS

IS 12960:1990 /ISO 7119:1981	Determination of power requirements of screw feeders – General requirements
IS 15530:2004 /ISO 1977:2004	Conveyor chains, attachments and sprockets – Specification
IS 15534:2004 /ISO 5031:1977	Continuous mechanical handling equipment for loose bulk materials - Coupling and hose components used in pneumatic handling - Safety code
IS 15535:2004 /ISO 2327:1972	Pneumatic handling appliances for loose bulk materials – Piping
IS 15536:2004 /ISO 3284:1974	Continuous mechanical handling equipment for loose bulk materials - Dimensions of bends for use in pneumatic handling

EQUIVALENT STANDARDS

IS 3948:1986 IISO 610:1990	Specification for calibrated high tensile steel (round link) chain (electric butt welded) for chain conveyors and coal ploughs used in mines (first revision)
IS 4240:1984 IISO 2148:1974	Glossary of conveyors terms and definitions (first revision)

IS 5563:1985 IISO 1050:1975	Specification for screw conveyors for industrial use (first revision)
IS 5626:1990 IISO 1082:1990	Chain conveyors - Connector units, shackle type – Specification
** IS 7155(P 1):1986 IISO 1819:1977	Code of recommended practice for conveyor safety: Part 1 General Information (first revision)
** IS 7155(P 2):1986 IISO 1819:1977	Code of recommended practice for conveyor safety: Part 2 General safety requirements (first revision)
IS 7423:1974 IISO 2140:1975	Dimensions for apron conveyors
IS 7439:1974 ISO2326:1972	Dimensions for Aero slides
IS 8531:1986 IISO 1536:1975	Specification for pulleys for belt conveyors (first revision)
**IS 8598:1987 IISO 1537:1975	Specification for idlers and idler sets for belt conveyors (first revision)
IS 8723:1978 IISO 1049:1975	Dimensions for vibrating conveyors and feeders with rectangular or trapezoidal trough
IS 11619:1986 IISO 5612:1990	Specification for scrapers bar for armored face conveyors
IS 12059:1987 IISO 3922:1978	Dimensions for rotary vane feeders

MED 07 MATERIAL HANDLING SYSTEMS AND EQUIPMENT SECTIONAL COMMITTEE

DUAL NUMBERED STANDARDS

IS 10303:1993 /ISO 6749:1984	Earth moving machinery - Preservation and storage (first revision)
IS 10689:1993 / ISO 2860:1992	Earth moving machinery - Minimum access dimensions (first revision)
IS 10856:1993 /ISO 6484:1986	Earth-moving machinery - Elevating scrapers - Volumetric ratings (first revision)
IS 10859:1993 /ISO 6483;1980	Earth-moving machinery - Dumper bodies - Volumetric ratings (first revision)
IS 11113:1999 / ISO 5353:1995	Earth moving machinery and tractors and machinery for agriculture and forestry - Seat index point (second revision)
IS 11114(P 2):2006 /ISO 6746-1:2003	Earth-moving machinery - Definitions of dimensions and codes: Part 2 Base machines (second revision)
IS 11114(P 3):2006 /ISO 6746-2:2003	Earth-moving machinery - Definitions of dimensions and codes: Part 3 Equipment and attachments (second revision)
IS 11252:1993 /ISO 6682:1986	Earth-moving machinery - Zones of comfort and reach for controls (first revision)
IS 12206:1993 /ISO 7546:1983	Earth-moving machinery - Loader and front loading excavator buckets - Volumetric ratings (first revision)

IS 12209:1993 /ISO 7130:1981	Earth-moving machinery - Guide to procedure for operator training (first revision)
IS 12645:1993 /ISO 9246:1988	Earth-moving machinery - Crawler and wheel tractor dozer blades - Volumetric ratings (first revision)
* I S 13116:2006 /ISO 9249:1997	Earth moving machinery - Engine test code - Net power (second revision)
IS 13148(Pt 1):1999 /ISO 5049-1:1994	Mobile equipment for continuous handling of bulk materials – Part 1 Rules for the design of steel structure (first revision)
IS 13253:1992 /ISO 8925:1989	Earth-moving machinery - Diagnostic ports
IS 13768:1999 /ISO 3164:1995	Earth moving machinery - Laboratory evaluations of protective structure- Specification for deflection limiting volume (first revision)
IS/ISO 509:1996	Dimensions for hand pallet trucks (Superseding IS5007:1988)
IS/ISO 2867:2006 (superseding IS 10704:1999)	Earth moving machinery – Access system(second revision)
IS/ ISO 3411:2007 (Superseding IS 11115:1999)	Earth moving machinery - Physical dimensions of operators and minimum operator space envelope
IS/ISO 3449:2005 (Superseding IS 13769:1993)	Earth moving machinery - Falling-object protective structures - Laboratory tests and performance requirements
IS/ISO 3457:2003	Earth-moving machinery - Guards - Definitions and requirements
IS/ISO 3471:2008	Earth-Moving Machinery- Roll-Over Protective Structures -Laboratory Tests and Performance requirements
IS/ISO 5006:2006	Earth-moving machinery-Operator field of view- Test Method and Performance criteria
IS /ISO 6165:2006 (Superseding IS 12138:1993)	Earth-moving machinery - Basic types – Identification and terms and definitions
IS/ISO 6747:1998 [Superseding IS 4988(Part 2):1968]	Earth-moving machinery - Tractor-dozers - Terminology and commercial specifications
IS/ISO 6750:2005 (Superseding IS 10280:1993)	Earth-moving machinery - Operation and maintenance – Format and content of manuals
IS/ISO 7131:1997 [Superseding IS 11114 (PT 4):1993]	Earth-moving machinery – Definitions of dimensions and symbols: Part 4 Loaders-- - Terminology and commercial specifications
IS/ISO 7133:1994 [Superseding IS 4988 (Part 3):1968]	Earth-moving machinery - Tractor-scrapers - Terminology and commercial specifications
IS/ISO 7134:1993 (Superseding IS 4988 (Part 5):1968	Earth-moving machinery - Graders - Terminology and commercial specifications
IS/ISO 7135	Earth Moving Machinery – Hydraulic excavators – Terminology Commercial specifications

IS/ISO 7451:2007 (Superseding IS 12192:1993)	Earth-moving machinery - Volumetric ratings for hoe-type and grab-type buckets of hydraulic excavators and backhoe loaders
IS/ISO 8643:1997	Earth-moving machinery - Hydraulic excavator and backhoe loader boom-lowering control device - Requirements and tests
IS/ISO 9244 :2008	Earth-moving machinery- Machine safety labels-General Principles
IS/ISO 9248:1992	Earth moving machinery – Units for dimensions, performance and capacities and their measurement accuracies
IS/ISO 10265:2008	Earth-moving machinery-Crawler machines-Performance requirements and test procedures for Braking systems
IS/ISO 10968:2004	Earth-moving machinery - Operator's controls
IS/ISO 11112:1995	Earth-moving machinery - Operator's seat - Dimensions and requirements
IS/ISO 22877:2004 [Superseding IS 6839(Part 1):1994]	Castors and wheels - Vocabulary, symbols and multilingual terminology
IS/ISO 20474-1:2008	Earth moving machinery – Safety - Part 1: General requirements
IS/ISO 20474-2:2008	Earth moving machinery – Safety - Part 2: Requirements for tractor-dozers
IS/ISO 20474-3:2008	Earth moving machinery – Safety - Part 3: Requirements for loaders
IS/ISO 20474-4:2008	Earth moving machinery – Safety - Part 4: Requirements for backhoe loaders
IS/ISO 20474-5:2008	Earth moving machinery – Safety - Part 5:requirements for hydraulic excavators
IS/ISO 20474-6:2008	Earth moving machinery – Safety - Part 6:Requirements for dumpers
IS/ISO 22883:2004 (Superseding IS 7261:1985)	Castors and wheels – Requirements for applications up to 1.1.m/s (4km/h)
IS/ISO 22884:2004 (Superseding IS 7261:1985)	Castors and wheels – Requirements for applications over 1.1.m/s (4km/h) and up to 4.4 m/s (16km/h)

EQUIVALENT STANDARDS

IS 5387:1969 IISO 1756:1975	Dimensions for stillages
IS 7439:1974 IISO 2326:1972	Dimensions for aero slides
IS 12567:1989 IISO 3284:1974	Pneumatic handling equipment - Bends – Dimensions

MED 08 MINING TECHNIQUES AND EQUIPMENT SECTIONAL COMMITTEE

EQUIVALENT STANDARDS

IS 7974(PT 1):1976 IISO 710-1:1974	Graphical symbols for use on detailed maps, plans and geological cross sections:Part 1 General rules of representation
IS 7974(PT 3):1976 IISO 710-3:1974	Graphical symbols for use on detailed maps, plans and geological cross sections: Part 3 Representation of magnetic rocks
IS 8166:1988 IISO 1717:1974	Specification for rotary drill bits for drilling principally in coal (First revision)

MED 10 WIRE ROPES AND WIRE PRODUCTS SECTIONAL COMMITTEE

DUAL NUMBERED STANDARDS

IS 12735:1994 /ISO 8792:1986	Wire rope slings - Safety criteria and inspection procedures for use (first revision)
*IS 13870(PT 1):1993 /ISO 4308- 1:1986	Cranes and lifting appliances - Selection of wire ropes Part 1 General
IS 13870(PT 2):1993 /ISO 4308- 2:1988	Cranes and lifting appliances - Selection of wire ropes: Part 2 Mobile cranes - Coefficient of utilization
IS 13902(PT1):1993 /ISO 3189-1:1985	Sockets for wire ropes for general purposes: Part 1 General characteristics and conditions of acceptance
IS 13902(PT 2):1993 /ISO 3189- 2:1985	Socket for wire ropes for general purposes: Part 2 Special requirements for sockets produced by forging or machined from the solid
IS 13902(PT 3):1993/ISO 3189- 3:1985	Socket for wire ropes for general purposes: Part 3 Special requirements for sockets produced by casting

EQUIVALENT STANDARDS

IS 2266:2002 IISO 2408:1973	Steel wire ropes for general engineering purposes (fourth revision)
*IS 3374:1983 IISO 2020:1973	Preformed steel wire ropes for aircraft controls (first revision)
IS 3937(PT 1):1974 IISO 3189-1:1977	Recommendations for socketing of wire ropes :Part 1 Socketing with zinc (first revision)
**IS 6594:2001 IISO 2408:1973	Technical supply conditions for steel wire ropes and strands (second revision)

**MED 14 CRANES, LIFTING CHAINS AND ITS RELATED EQUIPMENT SECTIONAL
COMMITTEE**

DUAL NUMBERED STANDARDS

IS/ISO 1834:1999	Short link chain for liftin purposes - general conditions of acceptance (Superseding IS 5616 : 1982)
IS/ISO 2415:2004	Forged shackles for general lifting purposes – Dee shackles and bow shackles(Superseding IS 6132:2003)
IS/ISO 3076:1984	Short link chain for lifting purposes – Grade T(8), Non-calibrated, for chain slings,etc(Superseding IS 6215:1982)
IS/ISO 3077:2001	Short link chain for lifting purposes – Grade T(Types T, DAT and DT), Fine-tolerance hoist chain(Superseding IS 6216:1982)
IS 6511:1997 /ISO 2374:1983	Lifting appliances - Range of maximum capacities for basoc models (first revision)
IS 8686(PT 1):1995 /ISO 8686-1:1989	Cranes - Design principles for loads and load combinations - Part 1 General
IS 8686(PT 5):1995 /ISO 8686-5:1992	Cranes - Design principles for loads and load combinations - Part 5 Overhead travelling and portal bridge cranes
IS 9373:1995 /ISO 9373:1989	Cranes and related equipment - Accurcy requirement for measuring parameters during testing
IS 13058:1991 /ISO 7592:1983	Calibrated round steel link lifting chains - Guidelines to proper use and maintenance
IS 13473(PT 1):1992] /ISO 4306-1:1990	Cranes - Vocabulary Part 1 General
IS/ISO 4306-2:1994	Cranes-Vocabulary Part 2 Mobile cranes [Superseding IS 13473(Part 2):1992]
IS/ISO 4306-3:2003	Cranes-Vocabulary Part 3 Tower cranes [Superseding IS 13473(Part 3):1993]
IS 13558(PT 1):1992 /ISO 7752-1:1983	Cranes - Controls - Layout and characteristics: Part 1 General principles
IS 13558(PT 2):1995 /ISO 7752-2:1986	Cranes - Controls - Layout and Characteristics - Part 2 Mobile Cranes
IS 13558(PT 3):1995/ISO 7752-3:1993	Cranes - Control - Layout and characteristics - Part 3 Tower cranes
IS 13558(PT 4):1993/ISO 7752-4:1989	Cranes - Controls - Layout and characteristics: Part 4 Jib cranes
IS 13558(PT 5):1993 /ISO 7752-5:1985	Cranes - Controls - Layout and characteristics: Part 5 Overhead travelling cranes and postal bridge cranes

IS 13559(PT 1):1993 /ISO 9374-1:1989	Cranes - Information to be provided, Part 1 General
IS 13559(PT 4):1992 /ISO 9374-4:1989	Cranes - Information to be provided Part 4 Jib cranes
IS 13572(PT 1):1992 /ISO 9928-1:1990	Cranes - Crane driving manual: Part 1 General
IS 13583(PT 1):1993 /ISO 9926-1:1990	Cranes - Training of drivers: Part 1 General
IS 13834(PT 1):1994 /ISO 4301-1:1986	Cranes - Classification Part 1 General
IS 13834(PT 2):1993 /ISO 4301-2:1985	Cranes - Classification: Part 2 Mobile cranes
IS 13834(PT 3):1995 /ISO 4301-3:1993	Cranes - Classification Part 3 Tower Cranes
IS 13834(PT 4):1993/ISO 4301-4:1989	Cranes - Classification: Part 4 Jib cranes
IS 13834(PT 5):1993 /ISO 4301-5:1991	Cranes - Classification: Part 5 Overhead travelling and portal bridge cranes
IS 14467:1997/ISO 4302:1981	Cranes - Wind load assessment
IS 14468:1997 /ISO 4304:1987	Cranes other than mobile and floating cranes - General requirements for stability
IS 14469:1997 /ISO 4305:1991	Mobile cranes - Determination of stability
IS 14470:1997 /ISO 4310:1981	Cranes - Test code and procedures
IS 14471:1997 /ISO 7363:1986	Cranes and lifting appliances - Technical characteristics and acceptance documents
IS 14472(PT 5):1997 /ISO 9374-5:1991	Cranes - Information to be provided Part 5 Overhead traveling cranes and portal bridge cranes
IS 14473(PT 1):1997/ISO 9927-1:1994	Cranes - Inspections Part 1 General
IS 14474(PT 1):1997 /ISO 11662-1:1995	Mobile cranes - Experimental determination of crane performance art 1 Tipping loads and radii
IS 14475(PT 1):1997 /ISO 12482-1:1995	Cranes - Condition monitoring Part 1 General

MED 16 GAS CYLINDERS SECTIONAL COMMITTEE

DUAL NUMBERED STANDARDS.

*IS 15737:2006 /ISO 10463:1993	Cylinder for permanent gases – Inspection at time of filling
IS/ISO 13985:2006	Liquid Hydrogen-Land vehicle fuel tank
IS/ISO 11114-2:2000)	Transportable gas cylinders - Compatibility of cylinder and valve material with gas contents - Part 2 Non-metallic materials
IS/ISO 11114-4:2005)	Transportable gas cylinders - Compatibility of cylinder and valve material with gas contents - Part 4 Test methods for selecting metallic materials resistant to hydrogen embrittlement

**MED 17 CHEMICAL ENGINEERING PLANTS AND RELATED EQUIPMENT
SECTIONAL COMMITTEE**

DUAL NUMBERED STANDARD

IS 6849(PT 1):1999 /ISO 1607-1:1993	Positive-displacement vacuum pumps - Measurement of the performance characteristics Part 1 Measurement of the volume rate of flow (pumping speed) (second revision)
IS 6849(PT 2):1993 /ISO 1607-2:1989	Positive displacement vacuum pumps - Measurement of performance characteristics Part 2 Measurement of ultimate pressure (first revision)
IS 8243(PT 1):1999 /ISO 1608-1:1993	Vapour vacuum pumps - Measurement of performance characteristics:Part 1 Measurement of volume rate of flow (pumping speed) (second revision)
IS 8243(PT 2):1993 /ISO 1608-2:1989	Vapour vacuum pumps - Methods of measurement of performance characteristics Part 2 Measurement of critical backing pressure (first revision)
IS/ISO 15761:2002	Steel gate, globe and check valves for sizes DN 100 and smaller for petroleum and natural gas industries (Superseding IS11733:1986)
IS/ISO 17292:2004	Metal ball valve for the petroleum, petrochemical and allied industries (Superseding IS 11792:1986)
IS 12370:1993 /ISO 6718:1991	Bursting discs and bursting disc devices (first revision)
IS 12754(PT 1):1989/ISO 3511-1:1977	Process measurement control functions and instrumentation - Symbolic representation Part 1 Basic requirements
IS 12754(PT 2):1989/ISO 3511-2:1984	Process measurement control functions and instrumentation –Symbolic representation Part 2 Extension of basic requirements
IS 12754(PT 3):1989/ISO 3511-3:1984	Process measurement control functions and instrumentation - Symbolic representation Part 3 Detailed symbols for instrument interconnection diagrams
IS 12754(PT 4):1989 /ISO 3511-4:1985	Industrial process measurement control functions and instrumentation - Symbolic representation Part 4 Basic symbols for process computer, interface and shared display /control functions

EQUIVALENT STANDARDS

IS 8262(PT1):1976 ISO 2861-2:1980	Specification for Quick release couplings for vacuum pipe lines Part 1 Screwed type
IS 8262(PT2):1976 ISO 2861-1:1974	Specification for Quick release couplings for vacuum pipe lines Part 2 Clamped type
IS 8288:1976 ISO 3669:1986	Specification for Bakeable flanges

MED 18 CONSTRUCTION PLANT AND MACHINERY SECTIONAL COMMITTEE

DUAL NUMBERED STANDARDS

IS/ISO 21573-1:2006)	Building Construction Machinery And Equipment – Concrete Pumps – Part 1: Terminology And Commercial Specifications (Adoption of ISO 21573-1:2006)
IS/ISO 18652 : 2005	Building Construction Machinery and Equipment – External Vibrators for Concrete[Superseding IS 4656:1968]
IS/ ISO 15642:2003	Road Construction And Maintenance Equipment – Asphalt Mixing Plants – Terminology And Commercial Specifications

MED 20 PUMPS SECTIONAL COMMITTEE

DUAL NUMBERED STANDARDS.

IS 13139:1992 /ISO 3661:1977	End suction centrifugal pumps - Base plate and installation -Dimensions
IS 13518:1992 /ISO 2858:1975	End suction centrifugal pumps (rating 16 bar) - Designation, nominal duty point and dimensions
IS /ISO 5199:2002	Technical specification for centrifugal pumps - Class 2 (Superseding IS13537:1993)
IS 13538:1993 /ISO 5198:1987	Centrifugal , mixed flow and axial pumps - Code for Hydraulic performance tests - Precision class
IS15657:2006/ ISO13709:2003	Centrifugal Pumps for petroleum, petrochemical and Natural gas industries

MED 21 DIAMOND CORE AND WATERWELL DRILLING SECTIONAL COMMITTEE

DUAL NUMBERED STANDARDS

IS 15481:2004 /ISO 10097-1:1999	Wireline diamond core drilling equipment – System A – Part 1 Metric Units
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EQUIVALENT STANDARDS

IS 7209:1974 IISO 722: 1991	General requirements for blast hole drilling rigs
IS 8986:1994 IISO 722:1991	Percussive drilling - Drilling steels in bar form - Dimensions (first revision)
IS 9026:2004 IISO 1720:1974	Rope threaded percussive long hole drilling equipment (first revision)
IS 10208:1982 IISO 3551-1:1992	Specification for diamond core drilling equipment

MED 22 COMPRESSORS, BLOWERS AND EXHAUSTERS SECTIONAL COMMITTEE

DUAL NUMBERED STANDARDS.

IS/ISO 2151:2004	Acoustics – Noise Test Code For Compressors And Vacuum Pumps – Engineering method (grade 2) (superseding 11446:1985)
IS /ISO 3857-1:1977	Compressors, pneumatic tools and machines – vocabulary Part 1 General
IS/ISO 3857-2:977	Compressors, pneumatic tools and machines – vocabulary Part 2 Compressors(Superseding IS 5727:1981)
IS 14641:1999 /ISO 5389:1992	Turbo compressor - Performance test code
IS 14642(PT 2): 1999/ ISO 8573-2: 1996	Compressed air for general use - Part 2 Test methods for aerosol oil
IS 15661:2006 /ISO 10439:2002	Petroleum, chemical and gas service industries – Centrifugal compressors

EQUIVALENT STANDARDS

IS 9242:1986 IISO 5941:1979	Rated pressure of air compressors (first revision)
IS 11461:1985 IISO 5388:1981	Code of practice for compressor safety
IS 11989:1986 IISO 7183:1986	Specification for compressed air dryers

MED 23 DOMESTIC AND COMMERCIAL GAS BURNING APPLIANCES (Pressure Type) SECTIONAL COMMITTEE

IS 4473:2002 [EN 30:1979]	Domestic gas ovens for use with liquefied petroleum gases (first revision)
IS 4760:2002 [EN 30:1979]	Domestic cooking ranges including grillers for use with liquefied petroleum gases - Specification (third revision)

MED 25 PRINTING MACHINERY SECTIONAL COMMITTEE

DUAL NUMBERED STANDARDS

IS 14640(P1):1998 /ISO 11084-1:1993	Graphic technology – Register system for photographic materials, foils and paper – Part 1 Three pin systems
IS 15141:2002 /ISO 12636:1998	Graphic technology - Blankets for offset printing
IS 15552:2004 /ISO 12625:1996	Graphic technology - Plates for offset printing - Dimensions
IS 15553:2004 / ISO 12218:1997	Graphic technology – Process control – offset plate making

MED 28 MECHANICAL VIBRATION AND SHOCK

DUAL NUMBERED STANDARDS

IS/ISO 1925:2001	Mechanical vibration - Balancing - Vocabulary (Superseding IS 13274:1992/ISO 1925:1990)
IS/ISO 1940-1:2003	Mechanical vibration - Balance quality requirements for rotors in a constant (rigid) state Part 1 Specifications and verification of balance tolerances
IS/ISO 1940 -2 : 1997	Mechanical vibration - Balance quality requirements for rotors Part 2 Balance Errors.
IS/ISO 2017-2:2007	Mechanical vibration and shock – Resilient mounting systems – Part 2; Technical information to be exchange for the application of vibration isolation associated with railway systems (Publication of ISO 2017:1982 in parts)
IS/ISO 2041:2009	Mechanical Vibration, Shock and Condition Monitoring
IS/ISO 2631-2:2003	Mechanical vibration and shock – Evaluation of human exposure to whole body vibration: Part 2 Vibration in buildings (1Hz to 80Hz) [Superseding IS 13276(P-2):1992/ISO 2631-2:1989]
IS /ISO 2953:1999	Mechanical vibration – Balancing machines – Description and evaluation (Superseding IS 13277:1992/ISO 2953:1985)
IS/ISO 4866 :2010	Mechanical vibration and shock vibration of fixed structures- Guidelines for the measurement of vibrations and evaluation their effects on structures
IS/ISO 5344:2004	Electrodynamics vibration generating systems– Performance characteristics (First revision)
IS/ISO 5349-1:2001	Mechanical vibration - Measurement and evaluation of human exposure to hand- Transmitted vibration Part 1 General requirements (First revision)
IS/ISO 5349-2:2001	Mechanical vibration - Measurement and evaluation of human exposure to hand- Transmitted vibration Part 2 Practical guidance for measurement at the workplace (First revision)

IS/ISO 5982:2001	Mechanical vibration and shock – Range of Idealized values to characterize seated body biodynamic response under vertical vibration (Superseding IS 14730:1999/ISO 5982:1982)
IS/ISO 6954:2000	Mechanical Vibration – Guidelines for the measurement, reporting and evaluation of vibration with regard to habitability on passenger and merchant ship (Superseding IS 14733:1999/ISO 6954:2000)
IS/ISO 8042:1988	Shock and vibration measurements - Characteristics to be specified for seismic pick-ups
IS/ISO 8626:1989	Servo-hydraulic test equipment for generating vibration – Method of describing characteristics
IS/ISO 7475:2002	Mechanical vibration - Balancing machines - Enclosures and other protective measures for the measuring station. Superseding (IS14734:1999/ ISO 7475:1984)
IS/ISO 7919-2:2001	Mechanical vibration – Evaluation of machine by measurements on rotating shafts: Part 2 Land based steam turbines and generators in excess of 50 MW with normal operating speeds of 1500 r/min, 3000 r/min and 3600 r/min (Superseding IS 14773(P-2):2000/ISO 7919-2:1996)
IS/ISO 7919-3:2009	Mechanical vibration- Evaluation of machine vibration by measurements on rotation shafts part 3- Coupled industrial machines
IS/ISO 7919-4:2009	Mechanical vibration- Evaluation of machine vibration by measurements on rotation shafts part -4 Gas turbine sets with fluid film bearing
IS/ISO 7919-5:2005	Mechanical vibration – Evaluation of machine by measurements on rotating shafts: Part 5 Machine sets in hydraulic power generating and pumping plants (Superseding IS 14773(P-5):2001/ISO 7919-5:1997)
IS/ISO 8041:2005	Human response to vibration - Measuring instrumentation. (Superseding IS 14737:1999/ISO 8041:1990)
IS/ISO 10055:1996	Mechanical vibration- Vibration testing requirements for shipboard equipment and machinery equipment.
IS/ISO10816-2:2001	Mechanical vibration of machine vibration by measurements on non-rotating parts: Part 2 Land based steam turbines and generators in excess of 50 MW with normal operating speeds of 1500 r/min, 1800 r/min, 3000 r/min and 3600 r/min.(Superseding IS 14817(P-2):2004/ISO 10816-2:1996)
IS/ISO 11342:1998	Mechanical vibration – Method and criteria for the mechanical balancing of flexible rotors (Superseding IS 14918:2001)
IS 11726:1985 /ISO 2954:1975	Requirements for instruments for measuring vibration severity of rotating and reciprocating machines
IS/ 13276(PT 1):2000 /ISO 2631-1:1997	Evaluation of human exposure to whole-body vibration - Part 1 General requirements
IS 13278:1999 /ISO 3719:1994	Mechanical vibration - Symbols for balancing machines and associated instrumentation (first revision)

IS 13281:1999 /ISO 5805:1997	Mechanical vibration and shock affecting man – Vocabulary (first revision)
IS/ISO 13373-1:2002]	Condition monitoring and diagnostics of machines – Vibration condition monitoring Part 1; General Procedures
IS/ISO 13373-2:2005]	Condition monitoring and diagnostics of machines – Vibration condition monitoring Part 2; Processing analysis and presentation of vibration data
IS 14280:1995 /ISO 8821:1989	Mechanical vibration - Balancing - Shaft and fitment key convention
IS/ISO 14963:2003	Mechanical vibration and shock – Guidelines for dynamic tests and investigations on bridges and viaducts
IS 14731:1999 /ISO 6070:1981	Auxiliary tables of vibration generators - Methods of describing equipment characteristics
IS 14732:1999 /ISO 6897:1984	Guidelines for the evaluation of the response of occupants of fixed structures, especially buildings and off-shore structures, to low-frequency horizontal motion(0.063 to 1 Hz)
IS 14736(Pt 1):1999 /ISO 7626-1:1986	Vibration and shock - Experimental determination of mechanical mobility - Part 1: Basic definitions and transducers
IS 14736(Pt 2):1999 /ISO 7626-2:1990	Vibration and shock - Experimental determination of mechanical mobility - Part 2: Measurements using single-point translation excitation with an attached vibration exciter.
IS 14773(Pt 1):2000 /ISO 7919-1:1996	Mechanical vibration of non-reciprocating machines -Measurements on rotating shafts and evaluation Part 1 General guidelines (superseding IS/ISO 7919-1:1986)
IS 14817(Pt 1):2000 /ISO 10816-1:1995	Mechanical vibration - Evaluation of machine vibration by measurements on non rotating parts: Part 1 General guidelines (Superseding IS 11724:1985/ISO 2372:1974)
IS 14817(Part 3): 2004/ISO 10816-3: 1998	Mechanical vibration – Evaluation of machine vibration by measurements on non-rotating Parts – Part 3 - Industrial machines with nominal power above 15 kW and Nominal speed between 120 r/min and 15000 r/min when measured in situ
IS 14817(Part 4):2004 /ISO 10816-4:1998	Mechanical vibration – Evaluation of machine vibration by measurements on Non-rotating Parts – Part 4 - Gas turbines driven sets excluding aircraft derivatives
IS 14817(Part 5):2004 /ISO 10816-5:2000	Mechanical vibration – Evaluation of machine vibration by measurements on non-rotating Parts – Part 5 - Machine sets in hydraulic power generating and pumping and Pumping plants
IS 14817(Part 6):2004/ISO 10816-6:1995	Mechanical vibration – Evaluation of machine vibration by measurements on non-rotating Parts – Part 6 - Reciprocating machines with power rating above 100 kW

IS 14882:2000 /ISO 10112:1991	Damping materials - Graphical presentation of the complex modulus
IS 14883:2000 /ISO 5348:1998	Mechanical vibration and shock – Mechanical mounting of accelerometers
IS 14907:2001 /ISO 10227:1996	Human/human surrogate impact (single shock) testing and evaluation – Guidance on technical aspects
IS 14910:2001 /ISO 8727:1997	Mechanical vibration and shock – Human exposure – Bio-dynamic Coordinate system
IS 14916:2001 /ISO 10068:1998	Mechanical vibration and shock – Free mechanical impedance of the human hand-arm system of driving point
**IS 14917 (Pt 1):2001 /ISO 10326-1:1992	Mechanical vibration – Laboratory method for evaluating vehicle seat vibrations – Part 1: Basic requirements
IS 14979:2001 /ISO 9996:1996	Mechanical vibration and shock – Distribution to human activity and performance classification
IS 15591:2005 /ISO 8569:1996	Mechanical vibration and shock - Measurement and evaluation of shock and vibration effects in sensitive equipment in buildings
IS 15592:2005 /ISO 8608:1995	Mechanical vibration - Road surface profiles - Reporting of measured data
IS 15593:2005 /ISO/TS 10811-1:2000	Mechanical vibration and shock - Vibration and shock in buildings with sensitive equipment - Part 1: Measurement and evaluation
IS 15593(Pt 2):2005/ISO/TS 10811-2:2000	Mechanical vibration and shock - Vibration and shock in buildings with sensitive equipment - Part 2: Classification
IS 15594:2005 /ISO 10815:2005	Mechanical vibration - Measurement of vibration generated internally in railway tunnels by passage of trains
IS/ISO 20806:2004	Mechanical vibration – Criteria safeguards for the in-situ balancing of medium and large rotors
IS/ISO 20283-2:2008	Mechanical vibration – Measurement of Vibration on ships Part-2 Measurement of Structural vibration

MED 30 GASKETS AND PACKING

DUAL NUMBERED STANDARDS

IS/ISO 6194-1:2007	Rotary shaft lip-type seals incorporating elastomeric sealing elements Part 1 Nominal dimensions and tolerances (Superseding IS 5129(Pt-1):2000)
IS 5129(Pt 2):2003 /ISO 6194-2:1991	Rotary shaft lip type oil seal Part 2: Vocabulary (Third revision)
IS 5129(Pt 3):2000/ ISO 6194/3:1988	Rotary shaft lip type seals Part 3: Storage -handing and installation

IS 5129(Pt 4):2006/ ISO 6194/4:1999	Rotary shaft lip type seals Part 4: Performance test procedures
IS 5129(Pt 5):2000 /ISO 6194/5:1990	Rotary shaft lip type seals Part 5: Identification of visual imperfections
IS 15430:2003 /ISO 6447:1983	Rubber seals - Joint rings used for gas supply pipes and fittings - Specification for Material
IS 15545 (Pt1):2004 /ISO 16589-1:2001	Rotary shaft lip-type seals incorporating thermoplastic sealing elements Part 1 Nominal dimensions and tolerances
IS 15545 (Pt2):2004 /ISO 16589-2:2001	Rotary shaft lip-type seals incorporating thermoplastic sealing elements Part 2 Vocabulary
IS 15545 (Pt3):2004 /ISO 16589-3:2001	Rotary shaft lip-type seals incorporating thermoplastic sealing elements – Part 3: Storage, handling and installation
IS 15545 (Pt4):2004 /ISO 16589-4:2001	Rotary shaft lip-type seals incorporating thermoplastic sealing elements Part 4 Performance test procedures
IS 15545 (Pt5):2004 /ISO 16589-5:2001	Rotary shaft lip-type seals incorporating thermoplastic sealing elements Part 5 Identification of visual imperfections

MED 32 PHOTOGRAPHIC AND CINEMATOGRAPHIC EQUIPMENT

DUAL NUMBERED STANDARDS

**IS 10906:1992 /ISO 1754:1998	Photography - Cameras using films 35 mm and 16 mm film – Picture sizes (first revision)
IS 10912:1992 /ISO 1203:1998	Photography - Roll film cameras - Back window location and picture sizes (first revision)
IS 10917:1984 /ISO 2720-1974	Exposure meters (photoelectric type) for general purposes
IS 11164:1992 /ISO 1948:1987	Photography - Front lens barrels up to 127 mm Dimensions important to the connection of auxiliaries (first revision)
IS 14620:1998/ISO 1230:1992	Photography - Determination of flash guide numbers
IS 14621:1998 /ISO 2827:1988	Photography - Electronic flash equipment - Determination of light output and performance
IS 14622:1998 /ISO 5763:1989	Photography - Electronic flash equipment - Automatic control of exposure
IS 15046:2001 /ISO 2721:1982	Photography - Cameras - Automatic contrast of exposure
IS 15047:2002 /ISO 8581:1994	Photography – Electronics flash equipment – Connectors to synchro - cord
IS 15048:2001 /ISO 9336-1:1994	Optics and optical instruments – Optical transfer function application – Part 1 Interchangeable lenses for 35mm still cameras
IS 15049:2002 /ISO 519:1992	Photography – Handheld cameras – Flash connectors dimensions
IS 15050:2001 /ISO 1755:1987	Photography – Projector slides – Dimensions

IS 15357(Pt 1):2003/ISO 11315-1:1997	Photography - Projection in indoor rooms Part 1 Screen illumination test for still projectors
IS 15357(Pt2):2003 /ISO 11315-2:1997	Photography - Projection in indoor rooms Part 2 Screen luminance test for still and video projection
IS 15485:2004/ ISO 10157:1991	Photography - Flash exposure meter - Requirements
IS 15486:2004 /ISO 8478:1996	Photography - Camera lenses - Measurement of ISO spectral transmittance

MED 33 UTENSILS, CUTLERY DOMESTIC HARDWARE SECTIONAL COMMITTEE

DUAL NUMBERED STANDARDS

IS 15104(Part 1):2002 /ISO 8442-1:1997	Materials and articles in contact with foodstuffs – Cutlery and table holloware – Part 1: Requirements for cutlery for the preparation of food
IS 15104(Part 2):2002 /ISO 8442-2:1998	Materials and articles in contact with foodstuffs – Cutlery and table Holloware – Part 2 Requirements for stainless steel and silver-plated cutlery
IS 15104(Part 3):2002 /ISO 8442-3:1997	Materials and articles in contact with foodstuffs – Cutlery and table Holloware – Part 3 Requirements for silver-plated table and decorative holloware
IS 15104(Part 4):2002 /ISO 8442-4:1998	Materials and articles in contact with foodstuffs – Cutlery and table Holloware – Part 4 Requirements for gold-plated cutlery
IS 15104(Part 5):2005/ISO 8442-5:2004	Materials and articles in contact with foodstuffs – Cutlery and table Holloware – Part 5 Specification for sharpness and edge retention test of cutlery
IS 15104(Part 6):2004 /ISO 8442-6:2000	Materials and articles in contactg with foodstuffs - Cutlery and table Holloware - Part 6: Lightly silver-plated hollowares protected by lacquer
IS 15104(Part 7):2004 /ISO 8442-7:2000	Materials and articles in contactg with foodstuffs - Cutlery and table Holloware - Part 7 Requirements of cutlery mode of silver, other precious metals and their alloys
IS 15104(Part 8):2004 /ISO 8442-8:2000	Materials and articles in contactg with foodstuffs - Cutlery and table Holloware - Part 8: Requirements for silver-plated table and decorative holloware

MED 39 NERGY MANAGEMENT SECTIONAL COMMITTEE

DUAL NUMBERED STANDARDS.

IS/ISO 50001:2011	Energy management systems - Requirement with guidance for use
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ANNEX D

HARMONIZATION POSITION

TYPE OF HARMONIZATION	NUMBER OF STANDARDS
INDIAN STANDARDS UNDER DUAL NUMBER (IDENTICAL WITH ISO STANDARDS)	212
INDIAN STANDARDS TECHNICALLY EQUIVALENT WITH ISO STANDARDS	56
INDIAN STANDARDS HARMONIZED WITH EN STANDARDS/REGULATIONS/DIRECTIVES	7
INDIAN STANDARDS HARMONIZED WITH STANDARDS OF OTHER BODIES	-
TOTAL	275

ANNEX E

LIST OF INDIAN STANDARDS NUMBER AND VALID LICENCES COVERED UNDER CERTIFICATION

IS NO.	PRODUCT	NO. OF LICENCES
A Refrigeration and Air Conditioning (MED 03)		
1391: Part 2:1992	Room air conditioners specification Part 2 (Split air conditioners) (second revision)	1
1391: Part 1:1992	Room Air Conditioners – Part 1: Unitary Air Conditioners	1
1475 Part 1	Self-contained drinking water coolers - - Part 1 : Enrgy	4
10617(Pt 1):1983	Hermetic Compressors – Part 1: High temperature application group	2
	Total	8
B Renewable Energy Sources (MED 04)		
12933(Pt 1):2003	Solar flat plate collector – Part 1 Requirements	63
13429(Pt 1):2000	Solar cooker – Box type – Part 1 Requirements	5
13152(Pt 1):2013	Portable Solid bio-mass Cook stove (Chulha) – Specification (first revision)	1
	Total	69
C Continuous Bulk Conveying, Elevating, Hoisting Aerial Ropeways and Related Equipment (MED 06)		
8598:1987	Idlers and idler sets for belt conveyors	1
	Total	1
D Mining Techniques and Equipment (MED 08)		
7577:1986	Gas testing flame safety lamps	1
8421:1977	Hydraulic props	1
	Total	2
E Wire Ropes and Wire Products (MED 10)		
278:1978	Galvanized steel Barbed wire for fencing	21
1855:2003	Stranded steel wire ropes for winding and man riding Haulages in mines	2
1856:1977	Steel wire ropes for haulage purposes	1
2141:2000	Hot dip galvanized stay strand	12
2266:2002	Steel wire ropes for general engineering purposes	14
2365:1977	Steel wire suspension ropes for lifts, elevators and hoists	4
2581:2002	Round strand galvanized steel wire ropes for shipping purposes	2
2721:2003	Galvanized steel chain link fence fabric	16
3623:1978	Guide and rubbing ropes	1
4521:2001	Wire ropes used in oil wells and oil well drilling	6
9282:2002	Wire rope and strands for suspension bridge	5
12776:2002	Galvanized strand for earthing	4
	Total	88

F Cranes, Lifting Chains and Related Equipment (MED 14)

3832:2005	Hand operated chain pulley blocks	6
5604:1984	Hand operated universal gearless - Pulling and lifting Machines	1
	Total	7

G Gas Cylinders (MED 16)

3196(Pt 1):2006	Welded low carbon steel cylinders exceeding 5 litre water capacity for low pressure liquefiable gases – Part 1 Cylinders for liquefied petroleum gases (LPG)	123
3196(Pt 2):2006	Welded low carbon steel cylinders exceeding 5 litre water capacity for low pressure liquefiable gases – Part 2 Cylinders for liquefiable gases other than LPG	3
3196(Pt 4):2001	Welded low carbon steel cylinders exceeding 5 litre water capacity for low pressure liquefiable gases – Part 4 Cylinders for toxic and corrosive gases	3
3224:2002	Valve fittings for compressed gas cylinders excluding Liquefied petroleum gas (LPG) cylinders	12
3745:1978	Yoke type valve connection for small medical gas cylinders	2
7285(Pt 1):2004	Refillable seamless steel gas cylinders – Part 1 Normalized steel cylinders	5
7285(Pt 2):2004	Refillable seamless steel gas cylinders – Part 2 Quenched and tempered steel cylinders with tensile Strength less than 1100 MPa (112 KGF/MM ²)	11
7312:1993	Welded and seamless steel dissolved acetylene gas cylinders	2
8471:2003	Acetylene Generators -Requirements	3
8471 : Part 4 :1977	Requirements for Acetylene Generators Part 4 Medium Pressure, stationary, of water-to-carbide and carbide- To water type	1
8737:1995	Valve fittings for use with liquefied petroleum gas (LPG) cylinders of more than 5 liter water capacity	40
9798:1995	Low pressure regulators for use with liquefied petroleum gas (LPG) mixtures	44
IS 11006 : 1984	FLASH BACK ARRESTOR (FLAME ARRESTOR)	1
12300:1988	Valve fittings for small freon cylinders	1
12586:1988	Brazed low carbon steel gas cylinder not exceeding	1
14899:2000	Liquefied petroleum gas (LPG) containers for automotive use	6
15100:2001	Multifunction valve assembly for permanently fixed Liquefied petroleum gas (LPG) containers for Automotive use	3
15490:2004	Cylinders for on-board storage of compressed natural Gas as a fuel for automotive vehicles	11
	Total	272

H Chemical Engineering Plants and Related Equipment (MED 17)

9890:1981	General purpose ball valves	21
IS 11552 : 2008	Liquid Nitrogen Vessels of Capacity up to 75 Litres	4
13095:1991	Butterfly valves for general purposes	49
	Total	74

I Pumps (MED 20)

1710:1989	Specification for pumps - Vertical turbine mixed	
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	and axial flow, for clear cold water	13
6595(Pt 1):2002	Horizontal centrifugal pumps for clear, cold water:	
	Part 1 Agricultural and rural water supply purposes	46
6595(Pt 2):1993	Horizontal centrifugal pumps for clear, cold water:	
	Part 2 General purpose (other than agricultural and rural water supply) - Specification	01
8034:2002	Submersible pumpsets	536
8418:1999	Horizontal Centrifugal self-priming pumps	2
8472:1998	Regenerative pumps for clear cold water	178
9079:2002	Electric moonset pumps for clear, cold water for Agricultural and water supply purposes	103
10805:1986	Foot valves, reflux valves or non-return valves and bore valves to be used in suction lines of agricultural pumping systems	11
11501:1986	Engine monoset pumps for clear, cold, fresh water for agriculture purposes	13
12225:1997	Centrifugal Jet pump	33
14220:1994	Openwell submersible pumpsets	239
	Total	1175
J	Diamond Core and Waterwell Drilling (MED 21)	
8110:2000	Well screens and slotted pipes – Specification	5
	Total	5
K	Compressors, Blowers and Exhausters (MED 22)	
5456:2006	Code of practice for testing of positive displacement type air compressors and exhauster	2
	Total	2
L	Domestic and Commercial Gas Burning Appliances (Pressure Type) (MED 23)	
4246:2002	Domestic gas stoves for use with liquefied petroleum Gases	218
8749:2002	Bio-gas stoves	5
15558:2005	Mini domestic water heater for use with LPG	17
	Total	240
M	Security Equipment (MED 24)	
550(Pt 1):2003	Safes : Part 1	7
5244:1991	Safe deposit locker cabinets	7
11188(Pt 1):1991	Vault (strong room) doors – Part 1 – Specification	6
14561 :2007	Fire resisting (Insulating) Filing cabinets	2
	Total	20
N	Oil Burning Appliances (MED 26)	
1238:2005	Hurricane lanterns - Specification (fifth revision)	1
2980:1999	Non-pressure stoves	13
8808:1999	Burners for oil pressure stoves and oil pressure heaters	16
	Total	30
O	Handpumps (MED 27)	
8035:1999	Handpump – Shallow well	4
14106:1996	Direct action handpump	3
15500(Pt 1-pt8):2004	Deepwell handpumps components and special tools - Specification	1

15500(Pt 2):2004	Deepwell handpumps, components and special tools – Specification: Part 2 Handdpumps	66
15500(Pt 3):2004	Deepwell handpumps, components and special tools – Specification: Part 3 Handpump sub-assemblies	16
15500(Pt 4):2004	Deepwell handpumps, components and special tools – Specification: Part 4 Steel components	33
15500(Pt 5):2004	Deepwell handpumps, components and special tools – Specification: Part 5 Cast iron components	34
15500(Pt 6):2004	Deepwell handpumps, components and special tools – Specification: Part 6 Brass/Bronze components	31
15500(Pt 7):2004	Deepwell handpumps, components and special tools – Specification: Part 7 Rubber components	28
	Total	216

P Sewing Machines (MED 29)

1610:2000	Household sewing machines – General requirements (second revision)	15
12109:1987	General requirements for light duty sewing machine heads for industrial use	9
14769:2000	Household sewing machine head - General requirements	25
15449Pt 1:2004	Household zig zag sewing machine head: Part 1 General requirements	2
	Total	51

Q Utensils, Cutlery and Domestic Hardware (MED 33)

1660 :2009	Wrought Aluminium Utensile	65
1660(Pt 1):1982	Wrought aluminum utensils: Part 1 Cooking table, serving strong and baking utensils	6
2347:2006	Domestic pressure cookers	246
14756 :2000	stainless Steel cooking Utensils-	1
	Total	246

Grand Total	2625
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Total number of Indian Standard formulated by MED under certification – 81

Annex F

LIST OF IS UNDER ECO STANDARDS

NIL

परिशिष्ट G / ANNEX G

BILINGUAL STANDARDS

हिन्दी और द्विभाषी रूप में प्रकाशित भारतीय मानकों की सूची

क) हिन्दी में प्रकाशित भारतीय मानक

1 IS 1660(भाग 1):1982	पिटवॉ एलुमिनियम बर्तनों की विशिष्टि (भाग 1) भोजन पकाने, खाना परोसने, खाना रखने एवं बेकिंग के बर्तन (दूसरा पुनरीक्षण)
2 IS 1660(भाग 6):1980	पिटवॉ एलुमिनियम बर्तनों की विशिष्टि (भाग 6) खानेदार ट्रे
3 IS 4536(भाग 3):1987	सम्मिश्र तले के स्टेनलेस इस्पात के पकाने के बर्तन की विशिष्टि (भाग 3) ताँबा चढ़े
4 IS 9694(भाग 2):1980	कृषि कार्यों के लिए क्षैतिज अपकेन्द्री पम्पों का चुनाव, संस्थापन, प्रचालन और रख रखाव की रीति संहिता (भाग 2) संस्थापन
5 IS 9694(भाग 3):1980	कृषि कार्यों के लिए क्षैतिज अपकेन्द्री पम्पों का चुनाव, संस्थापन, प्रचालन और रख रखाव की रीति संहिता (भाग 3) प्रचालन
6 IS 9694(भाग 4):1980	कृषि कार्यों के लिए क्षैतिज अपकेन्द्री पम्पों का चुनाव, संस्थापन, प्रचालन और रख रखाव की रीति संहिता (भाग 4) रख रखाव

ख) द्विभाषी रूप में प्रकाशित भारतीय मानक

1 IS 726: 1982	सामान्य कार्यों के लिए जस्तीकृत इस्पात की बाल्टियॉ (दूसरा पुनरीक्षण) Galvanized steel buckets for general use (second revision)
2 IS 925: 1966	जेबी चाकूओं की विशिष्टि (पुनरीक्षित) Specification for pocket knives (Revised)
3 IS 4120: 1967	नहाने और धोने के टबों की विशिष्टि (संशोधन संख्या 1 समाविष्ट) Specification for tubs and baths (Incorporating Amendment No. 1)
4 IS 7763: 1975	रस निकालने की घरेलू मशीन की विशिष्टि Specification for Extractor, juice, domestic

ANNEX H

LIST ISO/IEC COMMITTEE WHERE INDIA (BIS) IS A P/O MEMBER AND
MED IS THE CO-ORDINATING DEPARTMENT (w.e.f. 1 July 2014)

ISO TC/SC Committee	Title	Participating Status	MED Committee	Officer
TC 11	Boilers & Pressure Vessels	P	01	CG
TC 36	Cinematography	O	32	KK
TC 42	Photography	O	32	KK
TC 58	Gas Cylinders	P	16	CG
SC 2	Cylinder Fittings	P		
SC 3	Cylinder Design	P		
SC 4	Operational Requirements for Gas Cylinders	P		
TC 67	Materials, Equipment and Off-shore Structures for Petroleum, Petro-chemical and Natural Gas Industries	O	38	CG
SC3	Drilling and Completion Fluids and well Cement	O		CG
SC6	Process Equipment	O		CG
TC 82	Mining	O	08	AKM
TC 86	Refrigeration & Air-Conditioning	O	03	AKM
SC 1	Safety of Refrigeration Systems	P		
SC 3	Testing and rating of factory-made Refrigeration Systems	O		
SC 4	Testing and rating of Refrigerant Compressors	P		
SC 6	Testing and rating of Air-Conditioners and Heat Pump	P		
SC 7	Testing and rating of Commercial Refrigerated Display Cabinets	O		
SC 8	Refrigerants and Refrigeration Lubricants	O		
TC 96	Cranes	P	14	CG
SC 2	Terminology	P		
SC 3	Selection of Wire Ropes	P		
SC 4	Test Methods	P		
SC 5	Use, Operation and Maintenance	P		
SC 6	Mobile Cranes	P		
SC 7	Tower Cranes			
SC 8	Jib Cranes	P		
SC 9	Bridge and Gantry Cranes	P		
SC 10	Design Principles and Requirements	P		
TC 101	Continuous Mechanical Handling Equipment	O	06	AKM
TC 105	Steel Wire Ropes	O	10	AR
TC 108	Mechanical Vibration and Shock	P	28	KK
SC 2	Measurement and Evaluation of Mechanical Vibration and Shock as applied to Machines, Vehicles and Structures	P		
SC 3	Use and Calibration of Vibration and Shock Measuring Instrument	P		
SC 4	Human Exposure to mechanical Vibration and Shock	P		
SC 5	Condition Monitoring and Diagnostics of Machine	P		
SC 6	Vibration and Shock Generating Systems	P		
TC 109	Oil Burners & Associated Equipment	O	26	CG
TC 111	Round Steel Link Chains, Chain Slings, Components and Accessories	P	14	CG
SC 1	Chain and chain sling	P		
SC 3	Components and accessories	P		
TC 112	Vacuum Technology	O	17	AR
TC 115	Pumps	P	20	AKM
SC 1	Dimensions and Technical Specifications of pumps	P		
SC 2	Methods of Measurement and Testing	O		
SC 3	Installation and Special Application	O		
TC 118/ SC1	Process Compressors	O	22	KK
TC 127	Earth-moving Machinery	P	07	AR
SC 1	Test Methods relating to Machine Performance	P		
SC 2	Safety requirements and Human Factors	P		
SC 3	Operation and Maintenance	P		
SC 4	Commercial Nomenclature, Classification and Rating	P		
TC 148	Sewing Machines	O	29	KK
TC 153	Valves	P	17	AR
SC 1	Design, Manufacture, Marking and Testing	P		
SC 2	Valve Actuator Attachment	P		
TC 161	Control and Safety-devices for gas & oil burners and gas & oil burning appliances	O	23	AR
TC 180	Solar Energy	P	04	CG
TC 185	Safety Devices for Protection Against Excessive Pressure	O	16	CG
TC 186	Cutlery and Table and Decorative metal hollow-ware	O	33	CG
TC 195	Building Construction machinery and equipment	P	18	KK
TC 242	Energy Management	P	39	TVS
TC 252	Natural Gas Fueling Station for vehicles	P	38	CG
TC 257	Energy Saving	P	39	TVS
TC 263	Coal Bed Methane (CBM)	P	37	TVS
TC 285	Clean cook stove & clean cooking solution	P	04	CG

IEC Committees				
TC 61/SC 61C	Safety of Refrigeration Appliances for Household and Commercial Use	O	3	AKM
TC 61/SC 61D	Appliances for Air-conditioning for Household and Similar Purposes	O	3	AKM
TC 59/SC 59M	Performance of Electrical Household and Similar Cooling and Freezing Appliances	O	3	AKM

Legend: *P* Participating member *O* Observer member

ANNEX - I

LIST OF MANDATORY STANDARDS

IS 1342	Oil pressure stoves
IS 2787	Multi-burner oil pressure stoves
IS 10109	Oil pressure stove, offset burner type
IS 3196(Pt 1) **	Welded low carbon steel gas cylinder exceeding 5 litre water capacity for low pressure Liquefiable gases: Pt 1 Cylinders for liquefied petroleum gas (LPG)
IS 3196(Pt 2) **	Welded low carbon steel gas cylinder exceeding 5 litre water capacity for low Pressure liquefiable gases: Pt 2 Cylinders for liquefied petroleum gas other than LPG
IS 3196(Pt 4) **	Welded low carbon steel cylinder exceeding 5 litre water capacity for low Pressure liquefiable gases- Specification Part 4Cylinders for toxic and corrosive gases
IS 3224 **	Valve fittings for compressed gas cylinder excluding liquefied petroleum gas cylinders
IS 3745**	Yoke type valve connections for small medical gas cylinders
IS 7142**	Welded low carbon steel gas cylinder-Specification –Part 1: Normalized Steel Cylinders
IS 7285 (Part 1) **	Refillable Seamless steel gas cylinders – Specification – Part 1: Normalized Steel Cylinders
IS 7285 (Part 2) **	Refillable Seamless steel gas cylinders – Specification – Part 2: Quenched and Tempered Steel Cylinders with Tensile strength less than 1100 MPa (112 kgf/mm ²)
IS 7302 **	Valve fittings for gas cylinder valves for use with breathing apparatus
IS 7312 **	Welded and seamless steel dissolved acetylene gas cylinders
IS 8737 **	Valve fittings for use with liquefied petroleum gas cylinders of more than 5 litre water capacity: Pt 2 Valve fittings for newly manufactured LPG cylinders
IS 8776 **	Valve fittings for use with liquefied petroleum gas cylinder up to and including 5 litre water capacity
IS 9798 **	Low pressure regulators for use with liquefied petroleum gas (LPG) mixtures
IS 14899 **	liquefied petroleum gas containers for automotive use
IS 15100 **	Multifunction valve assembly for permanently fixed liquefied petroleum gas (LPG) containers for automotive use

** Indian Origin

ANNEX J

List of Special Publications

SP 26:1983
SP 9:1973

ISI steam tables in SI units
**Technical data sheet for gases conveyed in
cylinders**