

BUREAU OF INDIAN STANDARDS

Program of Work

MED 6 : Continuous Bulk Conveying, Elevating, Hoisting Aerial Ropeways And Related Equipment

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. c) Co-ordination of work with ISO/TC 254 Safety of Amusement Rides and Amusement Devices.

Liaison: **TC-101 (O):** *Continuous mechanical handling equipment* **TC-254 (P):** *Safety of amusement rides and amusement devices*

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 11592 : 2000 Reviewed In : 2020	Selection and design of belt conveyors - Code of practice (First Revision)	August, 2020	1	Indigenous
2	IS 11619 : 1986 ISO 5612 Reviewed In : 2018 ISO 5612-1984	Specfication for scraper bars for armoured face conveyors	February, 2018	-	Not Equivalent
3	IS 12060 : 1987 Reviewed In : 2023	Code of practice for selection of rotary vane feeders	February, 2023	-	Indigenous
4	IS 12101 : 1987 Reviewed In : 2023	Specification for roller type hold - Back device	February, 2023	-	Indigenous
5	IS 12108 : 1987 Reviewed In : 2023	Code of practice for selection of rotary table feeders	February, 2023	-	Indigenous
6	IS 12204 : 1987 Reviewed In : 2023	Code of practice for selection of reciprocating feeders	February, 2023	-	Indigenous
7	IS 12215 : 1987 Reviewed In : 2023	Code of practice for selection of belt feeders	February, 2023	-	Indigenous
8	IS 12400 : 1988 Reviewed In : 2023	Code of practice for selection of electromagnetic feeders	February, 2023	-	Indigenous
9	IS 12401 : 1988 Reviewed In : 2023	Code of practice for selection of mechanical vibrating feeders	February, 2023	-	Indigenous
10	IS 12907 : 1990 Reviewed In : 2020	Screw feeder - Purchasers data sheet	August, 2020	-	Indigenous
11	IS 12941 : 1990 Reviewed In : 2020	Code of practice for selection and use of super capacity bucket elevator	August, 2020	-	Indigenous
12	IS 12959 : 1990 Reviewed In : 2021	Technical supply requirements for sprocket wheels for link chains	October, 2021	-	Indigenous
13	IS 12960 : 1990 ISO 7119 Reviewed In : 2020	Determination of power requirements of screw feeders - General requirements	August, 2020	-	Indigenous
14	IS 12961 : 1990 Reviewed In : 2020	U - Link for chains for bucket elevators - Specification	August, 2020	-	Indigenous

15	IS 13324 : 1992 Reviewed In : 2018	Screw feeders - General requirements	February, 2018	-	Indigenous
16	IS 14169 : 2013 Reviewed In : 2018	Recommendations for type selection of feeders (First Revision)	October, 2018	-	Indigenous
17	IS 14188 : 1994 Reviewed In : 2021 IPSS 2-03-009-87 (F 1)	Conveyor systems - Maintenance facilities - Design parameters	October, 2021	-	Not Equivalent
18	IS 14386 : 1996 Reviewed In : 2021	Belt conveyors - Travelling tripper - Motorised - For belt widths 650 mm to 1600 mm - Dimensions	October, 2021	-	Indigenous
19	IS 15475 (Part 1) : 2022	CODE OF RECOMMENDED PRACTICE FOR AMUSEMENT RIDES SAFETY PART 1 GENERAL INFORMATION (First Revision)		-	Indigenous
20	IS 15475 (Part 1) : 2004 Reviewed In : 2020	Code of Recommended Practice for Amusement Rides Safety : Part 1: General Information (BI-LINGUAL)	January, 2020	-	
21	IS 15475 (Part 2) : 2022	CODE OF RECOMMENDED PRACTICE FOR AMUSEMENT RIDES SAFETY PART 2 SAFETY REQUIREMENTS (first revision)		-	Indigenous
22	IS 15475 (Part 2) : 2004 Reviewed In : 2020	Code of Recommended Practice for Amusement Rides Safety - Part 2: Safety Requirements(BI-LINGUAL)	January, 2020	-	
23	IS 15475 (Part 3) : 2022	CODE OF RECOMMENDED PRACTICE FOR AMUSEMENT RIDES SAFETY PART 3 DESIGN MANUFACTURE AND ERECTION		-	Indigenous
24	IS 15475 (Part 4) : 2022	CODE OF RECOMMENDED PRACTICE FOR AMUSEMENT RIDES SAFETY PART 4 SELECTION TRAINING AND SUPERVISION OF OPERATORS		-	Indigenous
25	IS 15475 (Part 5) : 2022	CODE OF RECOMMENDED PRACTICE FOR AMUSEMENT RIDES SAFETY PART 5 OPERATION AND MAINTENANCE PROCEDURES		-	
26	IS 15475 (Part 5) : 2004 Reviewed In : 2020	Code of Recommended Practice for Amusement Rides Safety - Part 5: Operation and Maintenance Procedures (BI-LINGUAL)	January, 2020	-	
27	IS 15475 (Part 6) : 2022	CODE OF RECOMMENDED PRACTICE FOR AMUSEMENT RIDES SAFETY PART 6 PERFORMANCE TESTS		-	Indigenous
28	IS 15475 (Part 6) : 2004 Reviewed In : 2020	Code of Recommended Practice for Amusement Rides Safety - Part 6: Performance Tests(BI-LINGUAL)	January, 2020	-	
29	IS 15492 (Part 1) : 2022	CODE OF RECOMMENDED PRACTICE FOR SAFETYIN		-	Indigenous

		WATER PARKS PART 1 GENERAL INFORMATION			
30	IS 15492 (Part 2) : 2022	CODE OF RECOMMENDED PRACTICE FOR SAFETY IN WATER PARKS PART 2 SAFETY REQUIREMENTS		-	Indigenous
31	IS 15492 (Part 3) : 2022	CODE OF RECOMMENDED PRACTICE FOR SAFETY IN WATER PARKS PART 3 Instructions		-	Indigenous
32	IS 15530 : 2021 ISO 1977:2006 ISO 1977:2006	Conveyor Chains Attachments and Sprockets (First Revision)		-	Identical under dual numbering
33	IS 15534 : 2004 ISO 5031 Reviewed In : 2020 ISO 5031:1977	Continuous mechanical handling equipment for loose bulk materials - Couplings and hose components used in pneumatic handling - Safety code	January, 2020	-	Identical under dual numbering
34	IS 15535 : 2004 ISO 2327 Reviewed In : 2020 ISO 2327:1972	Pneumatic handling appliances for loose bulk materials - Piping	January, 2020	-	Identical under dual numbering
35	IS 15536 : 2004 ISO 3284 Reviewed In : 2020 ISO 3284:19	Continuous mechanical handling equipment for loose bulk materials - Dimensions of bends for use in pneumatic handling	January, 2020	-	Identical under dual numbering
36	IS 16620 : 2017 Reviewed In : 2022	Jig back movement monocable ropeways with fixed grips - Code of practice	October, 2022	-	Indigenous
37	IS 16623 : 2017 Reviewed In : 2022	Pulsated movement monocable ropeways with fixed grips - Code of practice	October, 2022	1	Indigenous
38	IS 17232 : 2019 Reviewed In : 2023	Continuous Movement Bicable/Tricable Ropeways with Detachable Grip - Code of Practice	November, 2023	-	Indigenous
39	IS 17233 : 2019 Reviewed In : 2023	Acceptance and Certification Criteria for Design and Construction of All Types of Ropeways Intended for Transportation of Passengers	November, 2023	-	Indigenous
40	IS 17234 : 2019 Reviewed In : 2023	Operation and Maintenance of All Types of Ropeways Intended for Transportation of Passengers - Code of Practice	November, 2023	-	Indigenous
41	IS 17235 : 2019	Magnetic Rope Testing (MRT) - Specification		-	Indigenous
42	IS 17236 : 2019 93.110 Reviewed In : 2023	Prevention and Safety Against Fire in Ropeways - Code of Practice	November, 2023	-	Indigenous
43	IS 17237 : 2019 Reviewed In : 2023	Code of Practice for Design and Construction of Civil Engineering Works for Ropeways - General Requirements	November, 2023	-	Indigenous
44	IS 17238 : 2019 Reviewed In : 2023	Safety Requirements for Ropeways Installations Designed to Carry Persons - Quality Control	November, 2023	-	Indigenous
45	IS 17239 : 2019	Safety Requirements for Drives	November, 2023	-	Indigenous

	Reviewed In : 2023	Used for Ropeway Installation for Passenger Transportation			
46	IS 17240 : 2019 Reviewed In : 2023	Corrosion Protection of Iron and Steel Sections Used in Passenger Ropeways - Code of Practice	November, 2023	-	Indigenous
47	IS 17405 : 2020	Calculation for Design of Ropeway Installation Intended for Transportation of Passengers â€” Code of Practice		-	Indigenous
48	IS 17406 : 2020	Transportation, Storage, Installation and Tensioning of Wire Ropes for Passenger Ropeway â€” Code of Practice		-	Indigenous
49	IS 17938 : 2022	Design and Construction of Funicular Railway Code of Practice		-	Indigenous
50	IS 3948 : 1986 ISO 610 Reviewed In : 2023 ISO 610-1979	Specification for calibrated high tensile steel (Round Link) chain (Electric Butt Welded) for chain conveyors and coal ploughs used in mines	February, 2023	1	Not Equivalent
51	IS 4240 : 1984 ISO 2148 Reviewed In : 2023 ISO/DIS 5027, BS 3810 Part 2:1965	Glossary of conveyors terms and definitions (First Revision)	February, 2023	-	Not Equivalent
52	IS 4776 (Part 1) : 1977 Reviewed In : 2020 BS 2890 : 1973	Specification for troughed belt conveyors: Part 1 troughed belt conveyors for surface installation	January, 2020	-	Not Equivalent
53	IS 4776 (Part 2) : 1977 Reviewed In : 2020 BS 2890 : 1973	Specification for troughed belt conveyors: Part 2 troughed belt conveyors for underground installation	January, 2020	-	Not Equivalent
54	IS 5228 : 2017 Reviewed In : 2022	Continuous movement monocable ropeways with fixed grips - Code of practice (Second Revision)	October, 2022	-	Indigenous
55	IS 5229 : 2017 Reviewed In : 2022	Continuous movement monocable ropeways with automatic grip - Code of practice (Second Revision)	October, 2022	-	Indigenous
56	IS 5230 : 2017 Reviewed In : 2022	To and fro (Jig Back) movement Bi - Cable ropeways - Code of practice (Second Revision)	October, 2022	-	Indigenous
57	IS 5563 : 1985 ISO 1959 Reviewed In : 2020 ISO 1050-1975	Specification for screw conveyors for industrial use (First Revision)	August, 2020	-	Not Equivalent
58	IS 5626 : 1990 Reviewed In : 2020 ISO 1082- 1984	Chain conveyors - Connector units, shackle type - Specification (First Revision)	August, 2020	-	Not Equivalent
59	IS 5895 : 1985 Reviewed In : 2020 BS : 2567-1972	Specification for steel roller conveyors (First Revision)	August, 2020	-	Not Equivalent
60	IS 6832 : 1985 Reviewed In : 2020	Specification for fixing screws and fixing washers for buckets for bucket elevators (First Revision)	August, 2020	-	Indigenous
61	IS 6833 : 1973 Reviewed In : 2021	Specification for buckets for bucket elevators	October, 2021	-	Indigenous

62	IS 6834 (Part 1) : 1973 Reviewed In : 2024 BS : 4116-1971	Specification for conveyor chains, chain - Wheels and attachments: Part 1 chains	June, 2024	1	Not Equivalent
63	IS 6834 (Part 2) : 1976 Reviewed In : 2024 BS : 4116-1971	Specification for conveyor chains, chain - Wheels and attachments: Part 2 chain - Wheels	June, 2024	-	Not Equivalent
64	IS 6834 (Part 3) : 1976 Reviewed In : 2024 BS : 4116-1971	Specification for conveyor chains, chain - Wheels and attachments: Part 3 attachments	June, 2024	-	Not Equivalent
65	IS 6930 : 1973 Reviewed In : 2021	Dimensions for fixing arrangements of buckets for bucket elevators	October, 2021	-	Indigenous
66	IS 7054 : 1973 Reviewed In : 2021	Specification for casing for bucket elevators	October, 2021	-	Indigenous
67	IS 7155 (Part 1) : 2023	CONVEYOR SAFETY ½ CODE OF PRACTICE PART 1 GENERAL INFORMATION		-	Indigenous
68	IS 7155 (Part 2) : 2022	CODE OF RECOMMENDED PRACTICE FOR CONVEYOR SAFETY PART 2 GENERAL SAFETY REQUIREMENTS		-	Indigenous
69	IS 7155 (Part 2) : 2022	CODE OF RECOMMENDED PRACTICE FOR CONVEYOR SAFETY PART 2 GENERAL SAFETY REQUIREMENTS		-	Indigenous
70	IS 7155 (Part 3) : 2022	CODE OF RECOMMENDED PRACTICE FOR CONVEYOR SAFETY PART 3 BELT CONVEYORS AND FEEDERS		-	Indigenous
71	IS 7155 (Part 4) : 2023	CODE OF RECOMMENDED PRACTICE FOR CONVEYOR SAFETY PART 4 VIBRATING CONVEYOR FEEDER		-	Indigenous
72	IS 7155 (Part 5) : 2023	CODE OF RECOMMENDED PRACTICE FOR CONVEYOR SAFETY PART 5 APRON CONVEYORS /APRON FEEDERS		-	Indigenous
73	IS 7155 (Part 6) : 2023	CODE OF RECOMMENDED PRACTICE FOR CONVEYOR SAFETY PART 6 SELECTION TRAINING AND SUPERVISION OF OPERATORS		-	Indigenous
74	IS 7155 (Part 7) : 2023	CODE OF RECOMMENDED PRACTICE FOR CONVEYOR SAFETY PART 7 INSPECTION AND MAINTENANCE		-	Indigenous
75	IS 7155 (Part 8) : 2023	CODE OF RECOMMENDED PRACTICE FOR CONVEYOR SAFETY PART 8 FLIGHT CONVEYOR SCRAPER CONVEYOR		-	Indigenous
76	IS 7167 : 1974 Reviewed In : 2021	Code for selection and use of bucket elevators	October, 2021	-	Indigenous
77	IS 7423 : 2022 ISO 7189: 1983	Continuous mechanical handling equipment Apron conveyors		-	Identical under dual numbering

	ISO 7189: 1983	Design rules (First Revision)			
78	IS 7439 : 1974 ISO2326 Reviewed In : 2020 ISO 2326-1972	Dimensions for aeroslides	January, 2020	-	Not Equivalent
79	IS 7465 : 1974 Reviewed In : 2020 BS 4531 : 1969	Specification for portable and mobile troughed belt conveyors	January, 2020	-	Not Equivalent
80	IS 7649 : 1975 Reviewed In : 2023 BS 3810: Part 7 :I 973	Glossary of terms used in connection with aerial ropeways and cableways	February, 2023	-	Not Equivalent
81	IS 8531 : 1986 ISO 1536 Reviewed In : 2023 ISO 1536-1975	Specification for pulleys for belt conveyors (First Revision)	February, 2023	-	Not Equivalent
82	IS 8597 : 1977 Reviewed In : 2020	Specification for flat belt conveyors	August, 2020	-	Indigenous
83	IS 8598 : 2019	Idler and Idler Sets for Belt Conveyor — Specification (Second Revision)	-	-	Indigenous
84	IS 8599 : 1977 Reviewed In : 2020	Recommendations for selection of apron conveyors	August, 2020	-	Indigenous
85	IS 8646 : 1994 Reviewed In : 2020	Conveyors - Scrapper (Flight) - General requirements (First Revision)	January, 2020	-	Indigenous
86	IS 8723 : 1978 ISO 1049 Reviewed In : 2023 ISO 1049-1975	Dimensions for vibrating conveyors and feeders with rectangular or trapezoidal trough	February, 2023	-	Not Equivalent
87	IS 8730 : 2023	CLASSIFICATION AND CODIFICATION OF BULK MATERIALS FOR CONTINUOUS MATERIAL HANDLING EQUIPMENT		-	Indigenous
88	IS 9228 : 2019	Chairs for chairlifts - Specification (First Revision)	-	-	Indigenous
89	IS 9706 : 2019 Reviewed In : 2023	Material handling ropeways - Code of practice (Second Revision)	November, 2023	-	Indigenous

Standards under Development

Projects Approved

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

Preliminary Draft Standards

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

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
1	MED 6 (24925) Revision	CONVEYOR CHAINS CHAIN-WHEELS AND ATTACHMENTS SPECIFICATION PART 2

	of: IS 6834:1976	CHAIN-WHEELS
2	MED 6 (24928) Revision of: IS 6834:1976	CONVEYOR CHAINS CHAIN-WHEELS AND ATTACHMENTS SPECIFICATION
3	MED 6 (25758) Revision of: IS 7649:1975	Glossary of Terms Used in Connection with Aerial Ropeways and Cableways

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	MED 6 (24924) Revision of: IS 7649:1975	CONVEYOR CHAINS CHAIN-WHEELS AND ATTACHMENTS SPECIFICATION PART 1 CHAINS

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
1	MED 6 (24272) Revision of: IS 7465:1974	PORTABLE AND MOBILE TROUGHED BELT CONVEYORS SPECIFICATION

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	MED 6 (23501) Revision of: IS 5563:1985	SCREW CONVEYORS FOR INDUSTRIAL USE SPECIFICATION
2	MED 6 (23556) Revision of: IS 5626:1990	CHAIN CONVEYORS CONNECTOR UNITS SHACKLE TYPE SPECIFICATION
3	MED 6 (23558) Revision of: IS 5895:1985	STEEL ROLLER CONVEYORS SPECIFICATION
4	MED 6 (24793)	Material handling ropeways - Code of practice Second Revision Amendment - 1
5	MED 6 (24795)	Continuous Movement Bicable Tricable Ropeways with Detachable Grip - Code of Practice Amendment - 1
6	MED 6 (24796)	Acceptance and Certification Criteria for Design and Construction of All Types of Ropeways Intended for Transportation of Passengers Amendment - 1
7	MED 6 (24797)	Code of Practice for Design and Construction of Civil Engineering Works for Ropeways - General Requirements Amendment - 1
8	MED 6 (24798)	Safety Requirements for Drives Used for Ropeway Installation for Passenger Transportation Amendment - 1
9	MED 6 (24800)	Safety Requirements for Ropeways Installations Designed to Carry Persons - Quality Control Amendment - 1
10	MED 6 (24801)	Corrosion Protection of Iron and Steel Sections Used in Passenger Ropeways - Code of Practice Amendment - 1

Total Published Standards:86 Total Standards Under development:15

Aspect Wise Report

Product : 24
Code of Practices : 47
Methods of Test : 1
Terminology : 2
Dimensions : 7
System Standard : 1
Safety Standard : 3
Others : 1
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

Sl. No.	IS No. & Year	Title
1	IS 11168 (Part 1) : 1985 Reviewed In : 2015	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
2	IS 12059 : 1987 ISO 3922 Reviewed In : 2015	Dimensions for Rotary Vane Feeders
3	IS 12919 : 1990	Conveyor chains for cane sugar industry
4	IS 15475 (Part 3) : 2004 Reviewed In : 2020	Code of Recommended Practice for Amusement Rides Safety - Part 3 Design Manufacture and Erection BI-LINGUAL
5	IS 15475 (Part 4) : 2004 Reviewed In : 2020	Code of Recommended Practice for Amusement Rides Safety - Part 4 Selection Training and Supervision of Operators BI-LINGUAL
6	IS 15475 (Part 5) : 2004 Reviewed In : 2021	Code of recommended practice for amusement rides safety Part 5 operation and maintenance procedures
7	IS 8598 : 1987 ISO 1537 Reviewed In : 2013 ISO 3598:2011	Idler and Idler Sets for Belt Conveyor - Specification Second Revision
8	IS 9047 (Part 1) : 1978 Reviewed In : 2016	Data sheet for aerial ropeways and cableways Part 1 data to be supplied by intending purchaser for aerial system for transportation of goods
9	IS 9047 (Part 2) : 1980 Reviewed In : 2016	Data sheet for aerial ropeways and cableways Part 2 data to be supplied by intending purchaser for aerial system for transportation of passengers surface
10	IS 9047 (Part 3) : 1983 Reviewed In : 2018	Data sheet for aerial ropeways and cableways Part 3 data to be supplied by intending purchaser for transportation of passenger underground
11	IS 9047 (Part 4) : 1983 Reviewed In : 2018	Data sheet for aerial ropeways and cableways Part 4 data to be supplied by intending purchaser for aerial system for transportation of goods underground
12	IS 9047 (Part 6) : 1980 Reviewed In : 2016	Data sheet for aerial ropeways and cableways Part 6 data to be supplied by intending purchaser for aerial system for transportation of forestry products
13	IS 9413 : 1980 Reviewed In : 2016 UNI 4900-1962	Specification for rope guide rollers for haulage ropes of bicable aerial ropeways for transportation of goods
14	IS 9454 : 1980 Reviewed In : 2016 GOST 10353-63	Specification for bicable load carriers

Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
1	IS 11619 : 1986 ISO 5612 Reviewed In : 2018 ISO 5612-1984	Specification for scraper bars for armoured face conveyors
2	IS 12101 : 1987 Reviewed In : 2023	Specification for roller type hold - Back device
3	IS 12961 : 1990 Reviewed In : 2020	U - Link for chains for bucket elevators - Specification
4	IS 13324 : 1992 Reviewed In : 2018	Screw feeders - General requirements
5	IS 14169 : 2013 Reviewed In : 2018	Recommendations for type selection of feeders First Revision
6	IS 15530 : 2021 ISO 1977:2006 IEC 60143-2:2012	Conveyor Chains Attachments and Sprockets First Revision
7	IS 15535 : 2004 ISO 2327 Reviewed In : 2020 ISO 2327:1972	Pneumatic handling appliances for loose bulk materials - Piping
8	IS 3948 : 1986	Specification for calibrated high tensile steel Round Link chain Electric Butt Welded for chain

	ISO 610 Reviewed In : 2023 ISO 610-1979	conveyors and coal ploughs used in mines
9	IS 4776 (Part 1) : 1977 Reviewed In : 2020 BS 2890 : 1973	Specification for troughed belt conveyors Part 1 troughed belt conveyors for surface installation
10	IS 4776 (Part 2) : 1977 Reviewed In : 2020 BS 2890 : 1973	Specification for troughed belt conveyors Part 2 troughed belt conveyors for underground installation
11	IS 5563 : 1985 ISO 1959 Reviewed In : 2020 ISO 1050-1975	Specification for screw conveyors for industrial use First Revision
12	IS 5626 : 1990 Reviewed In : 2020 ISO 1082- 1984	Chain conveyors - Connector units shackle type - Specification First Revision
13	IS 5895 : 1985 Reviewed In : 2020 BS : 2567-1972	Specification for steel roller conveyors First Revision
14	IS 6832 : 1985 Reviewed In : 2020	Specification for fixing screws and fixing washers for buckets for bucket elevators First Revision
15	IS 6833 : 1973 Reviewed In : 2021	Specification for buckets for bucket elevators
16	IS 6834 (Part 1) : 1973 Reviewed In : 2024 BS : 4116-1971	Specification for conveyor chains chain - Wheels and attachments Part 1 chains
17	IS 6834 (Part 2) : 1976 Reviewed In : 2024 BS : 4116-1971	Specification for conveyor chains chain - Wheels and attachments Part 2 chain - Wheels
18	IS 6834 (Part 3) : 1976 Reviewed In : 2024 BS : 4116-1971	Specification for conveyor chains chain - Wheels and attachments Part 3 attachments
19	IS 7054 : 1973 Reviewed In : 2021	Specification for casing for bucket elevators
20	IS 7465 : 1974 Reviewed In : 2020 BS 4531 : 1969	Specification for portable and mobile troughed belt conveyors
21	IS 8531 : 1986 ISO 1536 Reviewed In : 2023 ISO 1536-1975	Specification for pulleys for belt conveyors First Revision
22	IS 8597 : 1977 Reviewed In : 2020	Specification for flat belt conveyors
23	IS 8646 : 1994 Reviewed In : 2020	Conveyors - Scrapper Flight - General requirements First Revision
24	IS 9228 : 2019	Chairs for chairlifts - Specification First Revision