

## BUREAU OF INDIAN STANDARDS

### Program of Work

#### MED 14 : Cranes, Lifting Chains And Related Equipment

**Scope:** Standardization of cranes, hoists, winches, lifting chains, sheaves, suspension gears, hooks, swivel and shackles.

**Liaison:** **TC-111 (P):** *Round steel link chains, chain slings, components and accessories* **TC-111 SC-1 (P):** *Chains and chain slings* **TC-111 SC-3 (P):** *Components and accessories* **TC-96 (P):** *Cranes* **TC-96 SC-10 (P):** *Design principles and requirements* **TC-96 SC-2 (P):** *Terminology* **TC-96 SC-3 (P):** *Selection of ropes* **TC-96 SC-4 (P):** *Test methods* **TC-96 SC-5 (P):** *Use, operation and maintenance* **TC-96 SC-6 (P):** *Mobile cranes* **TC-96 SC-7 (P):** *Tower cranes* **TC-96 SC-8 (P):** *Jib cranes* **TC-96 SC-9 (P):** *Bridge and gantry cranes*

### Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10131:1992  Decision taken to Reaffirm and Archive <a href="#">DIN 764</a>	Link chain ends and chain bows for bucket elevators - Specification (First Revision)	January, 2025	1	Not Equivalent
2	IS/ISO 11031:2016 ISO 11031 <a href="#">ISO 11031</a>	CRANES $i_c/2$ PRINCIPLES FOR SEISMICALLY RESISTANT DESIGN		-	Identical under single numbering
3	IS 11340:2020	Ratchet Lever Hoist — Specification ( First Revision )	March, 2025	1	Indigenous
4	IS/ISO 12482:2014 ISO 12482:2014 <a href="#">ISO 12482:2014</a>	Cranes " Monitoring for Crane Design Working Period		-	Identical under single numbering
5	IS 13058:1991 ISO 7592  Decision taken to Reaffirm and Archive <a href="#">ISO 7592:1983</a>	Calibrated round steel link lifting chains - Guidelines for proper use and maintenance	December, 2024	-	Identical under dual numbering
6	IS 13156:1991  Reaffirmed but not taken up for revision	Sheave pulley blocks for wire rope - Specification	October, 2020	-	Indigenous
7	IS 13308:1992  Decision taken to Reaffirm and Archive <a href="#">DIN</a>	Lifting appliances - Sheaves - Technical supply condition	January, 2025	-	Not Equivalent

	15063-1977				
8	IS 13367 (Part 1):1992  Decision taken to Reaffirm and Archive	Safe use of cranes - Code of practice : Part 1 general	January, 2025	-	Indigenous
9	IS 13473 (Part 1):2015 ISO 4306-1 : 2007 ISO 4306-1:2007	Cranes - Vocabulary: Part 1 general	October, 2020	-	Identical under dual numbering
10	IS 13558 (Part 5):2024 ISO 7752-5 : 2021 ISO 7752-5 : 2021	Cranes " Control Layout and Characteristics Part 5 Bridge and Gantry Crane (First Revision)		-	Identical under dual numbering
11	IS 13558 (Part 1):2018 ISO 7752-1 : 2010 ISO 7752-1 : 2010	Cranes - Control layout and characteristics: Part 1 general principles (First Revision)	February, 2023	-	Identical under dual numbering
12	IS 13558 (Part 2):2018 ISO 7752-2 : 2011 ISO 7752-2:2011	Cranes - Control layout and characteristics: Part 2 basic arrangement and requirements for mobile cranes (First Revision)	February, 2023	-	Identical under dual numbering
13	IS 13558 (Part 3):2018 ISO 7752-3 : 2011 ISO 7752-3:2013	Cranes - Control layout and characteristics: Part 3 tower cranes (First Revision)	February, 2023	-	Identical under dual numbering
14	IS 13558 (Part 4):1993 ISO 7752-4  Decision taken to Reaffirm and Archive ISO 7752-4:1989	Cranes - Controls - Layout and characteristics: Part 4 jib cranes	December, 2024	-	Identical under dual numbering
15	IS 13559 (Part 5):2023 ISO 9374-5 ISO 9374-5	Cranes " Information to be Provided Part 5 Overhead Travelling Cranes and Portal Bridge Cranes		-	Identical under dual numbering
16	IS 13559 (Part 1):1993 ISO 9374-1  Decision taken to Reaffirm and Archive ISO 9374-1:1989	Cranes - Information to be provided: Part 1 general	December, 2024	-	Identical under dual numbering
17	IS 13559 (Part 4):1992 ISO 9374-4  Decision taken to Reaffirm and Archive ISO 9374-4:1989	Cranes - Information to be provided: Part 4 jib cranes	December, 2024	-	Identical under dual numbering
18	IS 13572 (Part 2):2018 ISO 9928-2 : 2014 ISO 9928-2:2014	Cranes - Crane operating manual: Part 2 mobile cranes	November, 2023	-	Identical under dual numbering

19	IS 13572 (Part 1):2021 ISO 9928-1:2015 <a href="#">ISO 9928-1:2015</a>	Cranes Crane operating manual Part 1: General		-	Identical under dual numbering
20	IS 13583 (Part 1):1993 ISO 9926-1 <a href="#">ISO 9926-1:1990</a>	Cranes - Training of drivers: Part 1 general	February, 2023	-	Identical under dual numbering
21	IS 13583 (Part 3):2018 ISO 9926-3 : 2016 <a href="#">ISO 9926-3:2016</a>	Cranes - Training of operators: Part 3 tower cranes	November, 2023	-	Identical under dual numbering
22	IS 13834 (Part 2):2023 ISO 4301-2 : 2020 <a href="#">ISO 4301-2 : 2020</a>	Cranes - Classification Part 2 Mobile Cranes (First Revision)		-	Identical under dual numbering
23	IS 13834 (Part 3):2023 ISO 4301-3 <a href="#">ISO 4301-3</a>	Cranes - Classification Part 3 Tower Cranes (First revision)		-	Identical under dual numbering
24	IS 13834 (Part 1):2018 ISO 4301-1 : 2016 <a href="#">ISO 4301-1:2016</a>	Cranes - Classification: Part 1 general (First Revision)	November, 2023	-	Identical under dual numbering
25	IS 13834 (Part 4):1993 ISO 4301-4 <a href="#">ISO 4301-4:1989</a>	Cranes - Classification: Part 4 jib cranes	February, 2023	-	Identical under dual numbering
26	IS 13834 (Part 5):1993 ISO 4301-5 <a href="#">ISO 4301-5:1991</a>	Cranes - Classification: Part 5 overhead travelling and portal bridge cranes	February, 2023	-	Identical under dual numbering
27	IS 14467:2018 ISO 4302 : 2016 <a href="#">ISO 4302:2016</a>	Cranes - Wind load assessment (First Revision)	November, 2023	-	Identical under dual numbering
28	IS 14468:1997 ISO 4304 <a href="#">ISO 4304:1987</a>	Cranes other than mobile and floating cranes - General requirements for stability	February, 2023	-	Identical under dual numbering
29	IS 14469:2018 ISO 4305 : 2014 <a href="#">ISO 4305:2014</a>	Mobile cranes - Determination of stability (First Revision)		1	Identical under dual numbering
30	IS 14471:1997 ISO 7363  Decision taken to Reaffirm and Archive <a href="#">ISO 7363:1986</a>	Cranes and lifting appliances - Technical characteristics and acceptance documents	December, 2024	-	Identical under dual numbering
31	IS 14473 (Part 3):2022 ISO 9927-3: 2019 <a href="#">ISO 9927-3: 2019</a>	CRANES INSPECTIONS -- PART 3 TOWER CRANES		-	Identical under dual numbering
32	IS 14473 (Part 1):2016 ISO 9927-1 : 2013 <a href="#">ISO 9927-1</a>	Cranes - Inspections: Part 1 general	March, 2021	-	Identical under dual numbering
33	IS 14474 (Part 1):1997 ISO 11662-1	Mobile cranes - Experimental determination of crane performance: Part 1 tipping loads	February, 2023	-	Identical under dual numbering

	ISO 11662-1:1995	and radii			
34	IS 15191:2002 ISO 7593 : 1986 and ISO 8539: 1986	Forged steel components for use with grade T (8) chain and chain slings - Specification	January, 2023	-	Not Equivalent
35	IS 15419:2004	Jib cranes - Code of practice	April, 2024	-	Indigenous
36	IS/ISO 15442:2012 ISO 15442 : 2012 ISO 15442:2012	Cranes - Safety requirements for loader cranes		-	Identical under single numbering
37	IS 15560:2005 ISO 2374:1983	Point hooks with shank up to 160 tonne specification	October, 2020	1	Not Equivalent
38	IS/ISO 16625:2013 ISO 16625:2013 ISO 16625:2013	CRANES AND HOISTS SELECTION OF WIRE ROPES DRUMS AND SHEAVES		-	Identical under single numbering
39	IS 16772:2018 ISO 16872 : 2015 ISO 16872:2015	Round steel short link chains for lifting purposes - Fine tolerance hoist chains for hand operated chain hoists - Grade vh	February, 2023	-	Identical under dual numbering
40	IS 16773:2018 ISO 16877 : 2015 ISO 16877:2015	Round steel short link chains for lifting purposes - Fine tolerance hoist chains for hand operated chain hoists - Grade th	February, 2023	-	Identical under dual numbering
41	IS 16856:2018 ISO 23813 : 2007 ISO 23813:2007	Cranes - Training of appointed persons	November, 2023	-	Identical under dual numbering
42	IS 16857:2018 ISO 16715 : 2014 ISO 16715:2014	Cranes - Hand signals used with cranes	November, 2023	-	Identical under dual numbering
43	IS 16858:2021 ISO 23853:2018 ISO 23853:2018	CRANES TRAINING OF SLINGERS AND SIGNALLERS		-	Identical under dual numbering
44	IS 16860 (Part 3):2018  ISO 7296-3:2006	Cranes - Graphical symbols: Part 3 tower cranes	November, 2023	-	Identical under dual numbering
45	IS 16860 (Part 2):2021 ISO 7296-2:2020 ISO 7296-2:2020	CRANES GRAPHICAL SYMBOLS PART 2 MOBILE CRANES		-	Identical under dual numbering
46	IS 16860 (Part 1):2018 ISO 7296-1 : 1991 ISO 7296-1:1991	Cranes - Graphical symbols: Part 1 general	November, 2023	-	Identical under dual numbering
47	IS 16865:2018 ISO 20332 : 2016 ISO 20332:2016	Cranes - Proof of Competence of Steel Structures	November, 2023	-	Identical under dual numbering
48	IS 16866:2018 ISO 15513 : 2000 ISO 15513:2000	Cranes - Competency requirements for crane drivers (Operators), slingers, signallers and assessors	November, 2023	-	Identical under dual numbering
49	IS/ISO 1834:1999 ISO 1834 : 1999	Short link chain for lifting purposes - General conditions of acceptance	January, 2025	-	Identical under single numbering
50	IS 19309:2025	CRANES REQUIREMENTS FOR TEST LOADS		-	
51	IS 19404:2025 ISO 2415 : 2004	FORGED SHACKLES FOR GENERAL LIFTING PURPOSES DEE SHACKLES AND BOW SHACKLES First Revision		-	Identical under single numbering
52	IS/ISO 2415:2004	Forged shackles for general lifting	April, 2019	-	Identical under single

	ISO 2415 : 2004	purposes - Dee shackles and bow shackles			numbering
53	IS 2760:1980 ISO/DIS 4778	Specification for steel chain slings (First Revision)	October, 2020	3	Not Equivalent
54	IS 2760:2025 ISO/DIS 4778	STEEL CHAIN SLINGS SPECIFICATION		-	Not Equivalent
55	IS/ISO 3076:2012 ISO 3076 : 2012 ISO 3076 : 2012	Round steel short link chains for general lifting purposes - Medium tolerance sling chains for chain slings - Grade 8 (First Revision)	January, 2025	-	Identical under single numbering
56	IS/ISO 3077:2001 ISO 3077 : 2001	SHORT LINK CHAIN FOR LIFTING PURPOSES GRADE T (TYPES T, OAT AND DT), FINE-TOLERANCE HOIST CHAIN	January, 2025	-	Identical under single numbering
57	IS 3109 (Part 1):2024	SHORT LINK CHAIN, GRADE M (4) " SPECIFICATION PART 1 NON-CALIBRATED LOAD CHAIN FOR LIFTING PURPOSES (Third Revision)		-	Indigenous
58	IS 3177:2020	Electric Overhead Travelling Crane and Gantry Crane for all Applications — Code of Practice ( Third Revision )	March, 2025	-	Indigenous
59	IS 3822:2002	Eye hooks for use with chains - Specification (Second Revision)	January, 2023	-	Indigenous
60	IS 3832:2005 BS 3243:1990	Hand - Operated chain pulley block - Specification (Third Revision)	October, 2020	3	Not Equivalent
61	IS 3938:1983	Specification for electric wire rope hoists (Second Revision)	January, 2023	2	Indigenous
62	IS 4164:1976	Specification for Lifting 'C' Hooks with Eye - Capacity up to 25 Tonnes	October, 2020	-	Indigenous
63	IS 4164:2025	LIFTING C HOOKS WITH EYE CAPACITY UP TO 25 TONNES SPECIFICATION		-	Indigenous
64	IS 4178:1967	Specification for eyenuts with collars	October, 2020	-	Indigenous
65	IS 4190:1984	Specification for eye bolts with collars (First Revision)	October, 2020	-	Indigenous
66	IS 4190:2025	Eye Bolts with Collars Specification		-	Indigenous
67	IS/ISO 4301-2:2022 ISO 4301-2:2020 ISO 4301-2:2020	Cranes Classification Part 2 Mobile Cranes (First Revision)		-	Identical under single numbering
68	IS/ISO 4306-2:2012 ISO 4306-2 : 2012 iso 4306-2	Cranes - Vocabulary: Part 2 mobile cranes (Second Revision)	January, 2025	-	Identical under single numbering
69	IS/ISO 4306-3:2016 ISO 4306-3 : 2016 ISO 4306-3 : 2016	CRANES VOCABULARY PART 3 TOWER CRANES		-	Identical under dual numbering
70	IS/ISO 4309:2017 ISO 4309 : 2017 ISO 4309 : 2017	Cranes - Wire Ropes - Care and Maintenance, Inspection and Discard		-	Identical under single numbering
71	IS/ISO 4310:2009 ISO 4310 : 2009 ISO 4310 : 2009	Cranes - Test code and procedures	January, 2025	-	Identical under single numbering
72	IS 4573:2020	Power Driven Mobile Cranes — Specification ( Second Revision )	March, 2025	-	Indigenous

73	IS 4594:1968 BS 2452	Code of practice for design of portal and semi - Portal wharf cranes (Electrical)	October, 2020	-	Not Equivalent
74	IS 5604:2025	Hand-Operated Universal Gearless Pulling and Lifting Machines Specification (Second Revision)		-	Indigenous
75	IS 5749:1970 DIN 15402-1, DIN 15402-2 AND BS 3017	Specification for forged ramshorn hooks	January, 2023	1	Not Equivalent
76	IS 5749:2026 DIN 15402-1, DIN 15402-2 AND BS 3017	Forged Ramshorn Hooks — Specification		-	Not Equivalent
77	IS 6217:1982 ISO 3075-1:1980	Specification for short link chain, grade S (6), non - Calibrated for lifting purposes (First Revision)	March, 2018	-	Not Equivalent
78	IS 6296:1983	Specification for short link chain grade S(6) calibrated for pulley blocks and other lifting appliances (First Revision)	March, 2018	-	Indigenous
79	IS 6498:2026 DOC: BS 68/33324	Glossary of Terms Used in Connection with Pulley Blocks		-	Not Equivalent
80	IS 6498:1971 DOC: BS 68/33324	Glossary of terms used in connection with pulley blocks	October, 2020	-	Not Equivalent
81	IS 6511:1997 ISO 2374  Decision taken to Reaffirm and Archive ISO 2374:1983	Lifting appliances - Range of maximum capacities for basic models (First Revision)	December, 2024	-	Identical under dual numbering
82	IS 6521 (Part 1):1972 BS 2799	Code of practice for design of tower cranes: Part 1 static and rail amounted	October, 2020	-	Not Equivalent
83	IS 6547:2015  AS B273, AS CB2, HMA 400, ASME HST-1	Electric chain hoists - Specification (First Revision)	October, 2020	-	Not Equivalent
84	IS 6549:2025 BS 3810 : Part 5 : 1971	GLOSSARY OF TERMS USED IN CONNECTION WITH LIFTING TACKLE		-	Not Equivalent
85	IS 6549:1972 BS 3810 : Part 5 : 1971	Glossary of terms used in connection with lifting tackle	October, 2020	-	Not Equivalent
86	IS 7847:1975 ISO 2141-1972	General characteristics of lifting hooks	October, 2020	-	Not Equivalent
87	IS 7865:1975  Decision taken to Reaffirm and Archive ISO 2308:1971	General requirements of & tonne hooks for lifting ISO series 1 freight containers of up to 30 tonnes capacity	January, 2025	-	Not Equivalent
88	IS 807:2006	Design, erection and testing (Structural Portion) of cranes and hoists - Code of practice (Second Revision)	October, 2020	2	Indigenous
89	IS 8324:1988	Code of practice for safe use and	April, 2024	1	Not Equivalent

	ISO/DIS 3056	maintenance on non - Calibrated round steel link lifting chains and chain slings ( First Revision)			
90	IS/ISO 8686-4:2005 ISO 8686-4 : 2005 ISO 8686-4:2004	Cranes - Design principles for loads and load combinations: Part 4 jib cranes	January, 2025	-	Identical under dual numbering
91	IS/ISO 8686-1:2012 ISO 8686-1 : 2012 iso 8686-1	Cranes - Design principles for loads and load combinations: Part 1 general (First Revision)	January, 2025	-	Identical under single numbering
92	IS 9507:1979	Specification for general purpose electric power driven winches for lifting and hauling	October, 2020	-	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
<i>No Records Found</i>		

#### Draft Standards Completed WC Stage

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

#### Finalized Draft Indian Standard

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

#### Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	MED 14 (01042) Revision of: IS 6547:2015	ELECTRIC CHAIN HOISTS SPECIFICATION First Revision
2	MED 14 (01142) Revision of: IS 13473:2015	Cranes - Vocabulary Part 1 General
3	MED 14 (01267) Revision of: IS 14473:2016	CRANES INSPECTIONS PART 1 GENERAL
4	MED 14 (01460) Revision of: IS 11340:2020	Specification for Ratchet Lever Hoist
5	MED 14 (10169) Revision of: IS/ISO 3076:2012	Draft Indian Standard Round steel short link chains for general lifting purposes Medium tolerance sling chains for chain slings Grade 8 first revision Superseding IS ISO 3076 1984
6	MED 14 (10170) Revision of: IS 14469:2018	Draft Indian Standard Mobile cranes Determination of stability second revision Superseding IS 14469 1997/ISO 4305 1991
7	MED 14 (10171) Revision of: IS/ISO 4306:2012	Draft Indian Standard Cranes Vocabulary Part 2 Mobile cranes third revision Superseding IS ISO 4306-2 1994

8	MED 14 (10172) Revision of: IS 13558:2018	Draft Indian Standard Cranes Control layout and characteristics Part 1 General principles First Revision Superseding IS 13558 Part 1 ISO 7752-1 1983
9	MED 14 (10173) Revision of: IS 13558:2018	Draft Indian Standard Cranes Control layout and characteristics Part 2 Mobile cranes First Revision Superseding IS 13558 Part 2 ISO 7752-2 1983
10	MED 14 (10174) Revision of: IS 13558:2018	Draft Indian Standard Cranes Control layout and characteristics Part 3 Tower cranes First Revision Superseding IS 13558 Part 3 ISO 7752- 3 1983
11	MED 14 (10175) Revision of: IS/ISO 8686:2012	Draft Indian Standard Cranes Design principles for loads and load combinations Part 1 General First Revision Superseding IS ISO 8686 Part 1 1989
12	MED 14 (10191)	Draft Indian Standard Short link chains for lifting purposes - Grade VH fine tolerance for manually operated chain hoists ISO 16872 2015
13	MED 14 (10192)	Draft Indian Standard Short link chains for lifting purposes Grade TH fine tolerance for manually operated chain hoists ISO 16877 2015
14	MED 14 (11807) Revision of: IS 14467:2018	Cranes -- Wind load assessment
15	MED 14 (11808) Revision of: IS/ISO 4301:2009	Cranes -- Classification -- Part 1 General
16	MED 14 (11809)	Cranes -- Training of slingers and signalers
17	MED 14 (11810)	Cranes -- Training of appointed persons
18	MED 14 (11812)	Cranes -- Hand signals used with cranes
19	MED 14 (11813)	Cranes -- Competency requirements for crane drivers operators slingers signallers and assessors
20	MED 14 (11814)	Cranes -- Proof of competence of steel structures
21	MED 14 (11815)	Cranes -- Graphical symbols -- Part 2 Mobile cranes
22	MED 14 (11818)	Cranes -- Graphical symbols -- Part 3 Tower cranes
23	MED 14 (11819)	Cranes -- Graphic symbols -- Part 1 General
24	MED 14 (11820)	Cranes -- Crane operating manual -- Part 2 Mobile cranes
25	MED 14 (11821)	Cranes -- Training of drivers -- Part 3 Tower cranes
26	MED 14 (11822)	Cranes -- Inspections -- Part 3 Tower cranes
27	MED 14 (11823)	Cranes -- Design principles for loads and load combinations -- Part 2 Mobile cranes
28	MED 14 (11824)	Cranes -- Design principles for loads and load combinations -- Part 3 Tower cranes
29	MED 14 (11825)	Cranes -- Design principles for loads and load combinations -- Part 4 Jib cranes
30	MED 14 (11952) IS/ISO 8686:2012	Cranes - Safety Requirements for Loader Cranes
31	MED 14 (13918) Revision of: IS 4573:2020	Draft Standard on Power Driven Mobile Cranes Specification
32	MED 14 (13932) Revision of: IS 4137:2015	ELECTRIC OVERHEAD TRAVELLING CRANES AND GANTRY CRANES INCLUDING SPECIAL PURPOSE CRANE FOR USE IN STEEL WORKS AND OTHER LOCATIONS CODE OF PRACTICE
33	MED 14 (14001)	Specification Electric Wire Rope Hoists Amendment - 1
34	MED 14 (14008)	DESIGN ERECTION AND TESTING STRUCTURAL PORTION OF CRANES AND HOISTS CODE OF PRACTICE
35	MED 14 (16122) Revision of: IS/ISO 4306:2003	CRANES VOCABULARY PART 3 TOWER CRANES
36	MED 14 (16123) Revision of: IS/ISO 8686:2004	CRANES DESIGN PRINCIPLES FOR LOADS AND LOAD COMBINATIONS
37	MED 14 (16124) Revision of: IS/ISO 8686:1998	CRANES DESIGN PRINCIPLES FOR LOADS AND LOAD COMBINATIONS PART 3 TOWER CRANES
38	MED 14 (16125) Revision of: IS/ISO 8686:1992	CRANES -- DESIGN PRINCIPLES FOR LOADS AND LOAD COMBINATIONS PART 5 OVERHEAD TRAVELLING AND PORTAL BRIDGE CRANES
39	MED 14 (16130)	CRANES AND HOISTS SELECTION OF WIRE ROPES DRUMS AND SHEAVES
40	MED 14 (16131)	CRANES MONITORING FOR CRANE DESIGN WORKING PERIOD
41	MED 14 (16133) Revision of: IS 13572:1992	Cranes Crane operating manual Part 1 General
42	MED 14 (16149)	Specification for electric wire rope hoists
43	MED 14 (16664)	Hand - Operated chain pulley block - Specification Third Revision Amendment - 3
44	MED 14 (16689)	Specification for hand - Operated universal gearless pulling and lifting machines First Revision Amendment - 1
45	MED 14 (17047) Revision of: IS 14473:2018	CRANES INSPECTIONS -- PART 3 TOWER CRANES
46	MED 14 (17048) Revision	CRANES TRAINING OF SLINGERS AND SIGNALLERS

	of: IS 16858:2018	
47	MED 14 (17049) Revision of: IS 16860:2018	CRANES GRAPHICAL SYMBOLS PART 2 MOBILE CRANES
48	MED 14 (17109) Revision of: IS/ISO 4301:2009	Draft Indian Standard CRANES CLASSIFICATION PART 2 MOBILE CRANES first revision of ISISO 4301-2
49	MED 14 (18593) Revision of: IS 13834:1995	Cranes Classification Part 3 Tower Cranes First revision of IS 13834 Part 3
50	MED 14 (18594)	Cranes Information to be Provided Part 5 Overhead Travelling Cranes and Portal Bridge Cranes Superseding IS 14472 Part 5 ISO 9374-5 1991
51	MED 14 (18595)	CRANES PRINCIPLES FOR SEISMICALLY RESISTANT DESIGN
52	MED 14 (22074) Revision of: IS 13558:1993	Cranes - Control Layout and Characteristics Part 5 Bridge and Gantry Crane First Revision
53	MED 14 (22076) Revision of: IS 13834:1993	Cranes - Classification Part 2 Mobile Cranes First Revision
54	MED 14 (22105)	Mobile cranes - Determination of stability First Revision Amendment - 1
55	MED 14 (22134) Revision of: IS 3109:1982	Short Link Chain Grade M 4 Specification Part 1 Non-Calibrated Load Chain for Lifting Purposes Third Revision
56	MED 14 (22135)	Cranes - Wire Ropes - Care and Maintenance Inspection and Discard
57	MED 14 (24111)	Ratchet Lever Hoist - Specification First Revision Amendment-1
58	MED 14 (24553) Revision of: IS/ISO 2415:2004	FORGED SHACKLES FOR GENERAL LIFTING PURPOSES DEE SHACKLES AND BOW SHACKLES First Revision
59	MED 14 (24686)	CRANES REQUIREMENTS FOR TEST LOADS
60	MED 14 (26969) Revision of: IS 5604:1984	Hand-Operated Universal Gearless Pulling and Lifting Machines Specification Second Revision
61	MED 14 (27920) Revision of: IS 8324:1988	Safe Use and Maintenance on Non Calibrated Round Steel Link Lifting Chains and Chain Slings Code of Practice Second Revision
62	MED 14 (27990)	Recommended Minimum Safety for Quay Container Cranes Specifications
63	MED 14 (28045) Revision of: IS 4164:1976	LIFTING C HOOKS WITH EYE CAPACITY UP TO 25 TONNES SPECIFICATION
64	MED 14 (28049) Revision of: IS 2760:1980	STEEL CHAIN SLINGS SPECIFICATION
65	MED 14 (28050) Revision of: IS 4190:1984	Eye Bolts with Collars Specification
66	MED 14 (28053) Revision of: IS 6498:1971	Glossary of Terms Used in Connection with Pulley Blocks
67	MED 14 (28056) Revision of: IS 6549:1972	GLOSSARY OF TERMS USED IN CONNECTION WITH LIFTING TACKLE
68	MED 14 (32895)	Forged Ramshorn Hooks Specification
69	MED 14 (32898)	Design of Tower Cranes Part 1 Static and Rail Mounted Code of Practice
70	MED 14 (33997)	Hand - Operated chain pulley block - Specification Fourth Revision

**Total Published Standards:85 Total Standards Under development:70**

### Aspect Wise Report

Product : 24  
Code of Practices : 23  
Methods of Test : 4  
Terminology : 8  
Dimensions : 1  
System Standard : 11  
Safety Standard : 4  
Others : 7  
Service Specification : 0  
Process Specification : 1  
Unclassified : 1

### Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 13473 (Part 2):1992	Cranes - Vocabulary Part 2 Mobile cranes
2	IS 13473 (Part 3):1993	Cranes - Vocabulary Part 3 Tower cranes
3	IS 13870 (Part 1):1993 ISO 4308-1 ISO 4308-1:1986	Cranes and lifting appliances - Selection of wire ropes Part 1 general
4	IS 13870 (Part 2):1993 ISO 4308-2 ISO 4308-2:1986	Cranes and lifting appliances - Selection of wire ropes Part 2 mobile cranes - Coefficient of utilization
5	IS 14470:1997 ISO 4310	Cranes - Test code and procedures
6	IS 14472 (Part 5):1997 ISO 9374-5 ISO 9374-5:1991	Cranes - Information to be provided Part 5 Overhead travelling cranes and portal bridge cranes
7	IS 14475 (Part 1):1997 ISO 12482-1 ISO 12482-1:1995	Cranes - Condition monitoring Part 1 general
8	IS 2429 (Part 2):1970	Round steel short link chain electric butt welded Grade 30 Part 2 - Calibrated load chain for pulley block and other lifting appliances
9	IS 2429 (Part 1):1987	Specification for round steel short link chains Electric Butt Welded grade L 3 Part 1 Non - Calibrated load chain for lifting purposes Third Revision
10	IS 2759:1969	Specification for higher tensile steel point hooks for use with wire rope thimbles
11	IS 3109 (Part 2):1982	Short link chain Grade M 4 Part 2 Calibrated load chain for pulley blocks and other lifting appliances
12	IS 3813:1967	c Hooks For Use With Swivels
13	IS 3814:1967	Metal arc welded short link uncalibrated steel chain Grade 30 for lifting purposes
14	IS 3815:1969	Point Hooks with Shank for General Engineering Purposes
15	IS 4137:2015	Heavy duty electric overhead travelling cranes including special service machines for use in steel work - Code of practice Second Revision
16	IS 4531 (Part 1):1988	Swivels - Part 1 General Requirements
17	IS 4531 (Part 2):1988	Swivels - Part 2 Dimensions of Bowpiece
18	IS 4531 (Part 3):1988	Swivels - Part 3 Dimensions of Eye
19	IS 5532 (Part 1):1984	Glossary of terms for cranes Part 1 Type of cranes
20	IS 5532 (Part 2):1984	Glossary of terms for cranes Part 2 Parameters
21	IS 5532 (Part 3):1984	Glossary of terms for cranes Part 3 General concepts
22	IS 5532 (Part 4):1984	Glossary of terms for cranes Part 4 Components parts
23	IS 5537:1991	Lashing Chain
24	IS 5616:1982	Short link chain for lifting purposes general conditions of acceptance
25	IS 5629:1970	Mild Steel Forged Triangular Lifting Eyes
26	IS 5729:1970	Treble-swivel Assembly for Ships Union Purchase
27	IS 6132 (Part 1):1971	Shackles - Part I General Requirements

28	IS 6132 (Part 2):1972	Shackles - Part II Dimensions of Dee Shackles
29	IS 6132 (Part 3):1972	Shackles - Part III Dimensions of bow shackles
30	IS 6132:2003	Forged Shackles for General Lifting Purposes - Dee Shackles and Bow Shackles
31	IS 6168:1971	C Hooks with Eye for Marine Purposes
32	IS 6215:1982	Short Link Chain Grade t 8 Non-Calibrated for Lifting Purposes
33	IS 6216:1982	Short link chain Grade T 8 calibrated for pulley block and other lifting appliances
34	IS 6294:1971	Point Hooks with Shank for Capacities 63 Tonnes to 160 Tonnes
35	IS 8610:1977	Point Hooks with Shank Capacity Up to 25 Tonnes-Trapezoidal Section
36	IS/ISO 8686-2:2004 ISO 8686-2 : 2004 ISO 8686-2 : 2018	Cranes - Design principles for loads and load combinations Part 2 mobile cranes
37	IS/ISO 8686-5:1992 ISO 8686-5 : 2017	Cranes - Design principles for loads and load combinations Part 5 overhead travelling and portal bridge cranes
38	IS/ISO 8686-3:1998 ISO 8686-3 : 1998 ISO 8686-3 : 2018	Cranes - Design principles for loads and load combinations Part 3 tower cranes
39	IS/ISO 9373:1989 ISO 9373 : 1989	Cranes and related equipment - Accuracy requirements for measuring parameters during testing

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

SI. No.	IS No. & Year	Title
1	IS 10131:1992  Decision taken to Reaffirm and Archive DIN 764	Link chain ends and chain bows for bucket elevators - Specification First Revision
2	IS 13156:1991  Reaffirmed but not taken up for revision	Sheave pulley blocks for wire rope - Specification
3	IS 15191:2002 ISO 7593 : 1986 and ISO 8539: 1986	Forged steel components for use with grade T 8 chain and chain slings - Specification
4	IS 15560:2005 ISO 2374:1983	Point hooks with shank up to 160 tonne specification
5	IS 16772:2018 ISO 16872 : 2015 ISO 16872:2015	Round steel short link chains for lifting purposes - Fine tolerance hoist chains for hand operated chain hoists - Grade vh
6	IS 16773:2018 ISO 16877 : 2015 ISO 16877:2015	Round steel short link chains for lifting purposes - Fine tolerance hoist chains for hand operated chain hoists - Grade th
7	IS 19404:2025	FORGED SHACKLES FOR GENERAL LIFTING PURPOSES DEE SHACKLES AND BOW SHACKLES First Revision
8	IS 2760:2025	STEEL CHAIN SLINGS SPECIFICATION
9	IS/ISO 3076:2012 ISO 3076 : 2012 ISO 3076 : 2012	Round steel short link chains for general lifting purposes - Medium tolerance sling chains for chain slings - Grade 8 First Revision
10	IS/ISO 3077:2001 ISO 3077 : 2001	SHORT LINK CHAIN FOR LIFTING PURPOSES GRADE T TYPES T OAT AND DT FINE-TOLERANCE HOIST CHAIN

11	IS 3109 (Part 1):2024	SHORT LINK CHAIN GRADE M 4 SPECIFICATION PART 1 NON-CALIBRATED LOAD CHAIN FOR LIFTING PURPOSES Third Revision
12	IS 3822:2002	Eye hooks for use with chains - Specification Second Revision
13	IS 3832:2005 BS 3243:1990	Hand - Operated chain pulley block - Specification Third Revision
14	IS 3938:1983	Specification for electric wire rope hoists Second Revision
15	IS 4164:2025	LIFTING C HOOKS WITH EYE CAPACITY UP TO 25 TONNES SPECIFICATION
16	IS 4178:1967	Specification for eyenuts with collars
17	IS 4190:2025	Eye Bolts with Collars Specification
18	IS 4573:2020	Power Driven Mobile Cranes Specification Second Revision
19	IS 5604:2025	Hand-Operated Universal Gearless Pulling and Lifting Machines Specification Second Revision
20	IS 5749:2026	Forged Ramshorn Hooks Specification
21	IS 6217:1982 ISO 3075-1:1980	Specification for short link chain grade S 6 non - Calibrated for lifting purposes First Revision
22	IS 6296:1983	Specification for short link chain grade S 6 calibrated for pulley blocks and other lifting appliances First Revision
23	IS 6547:2015  AS B273, AS CB2, HMA 400, ASME HST-1	Electric chain hoists - Specification First Revision
24	IS 9507:1979	Specification for general purpose electric power driven winches for lifting and hauling