

## BUREAU OF INDIAN STANDARDS

### Program of Work

#### MED 8 : Mining Techniques And Equipment

Scope: Formulation of Indian Standards relating to basic mining techniques and equipment.

Liaison: **ISO TC-82 (P): Mining** **ISO TC-82 (P): Mining**

### Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10046:2024	DOG SPIKES FOR MINE HAULAGE TRACKS - SPECIFICATION (first revision)		-	Indigenous
2	IS 10202:2025	SCRAPERS USED IN MINES - SPECIFICATION (first revision)		-	Indigenous
3	IS 10970:1984 Reviewed In : 2020	Specification for keps for mine cages	September, 2020	-	Indigenous
4	IS 11311:2011 Reviewed In : 2025	Technical requirements for loaders for use in underground mines (First Revision)	September, 2025	-	Indigenous
5	IS 11862:2021	HYDRAULIC LOADCELL - SPECIFICATION First Revision		-	Indigenous
6	IS 12450 (Part 1):2024	Steel Headframes for Mines Part 1 Principles of Load Computation and Applicable Factors of Safety ( First Revision )		-	Indigenous
7	IS 12464:2024	Roof Bars Used in Mines " Methods of Test (First Revision)		-	Indigenous
8	IS 12488:2023	HAULAGE ROPE CAPPELS SPECIFICATION (First Revision of IS 12488)		-	Indigenous
9	IS 12489:2023	RECOMMENDATIONS FOR FITTING TERMINAL WIRE ROPE SOCKETS BY CONE AND TAIL METHOD		-	Indigenous
10	IS 12526:2023	Bucket for Shaft Sinking Operations in Mines 1½ Specification ( First Revision )		-	Indigenous
11	IS 12527:1988 Reviewed In : 2025	General requirements for riders for buckets used in shaft sinking operations in mines	February, 2025	-	Indigenous
12	IS 13202:2012 Reviewed In : 2022	Mine haulage tracks - Code of practice (First Revision)	February, 2022	-	Indigenous
13	IS 13219:1992 Reviewed In : 2018	Rock bolts for mines (Cement Grouted) - General requirements	November, 2018	-	Indigenous
14	IS 13230:2026	GRAPHICAL SYMBOLS FOR USE ON MINE PLANS First Revision		-	Indigenous
15	IS 13230:1992	Graphical symbols for use on mine	November, 2018	-	Indigenous

	Reviewed In : 2018	plans			
16	IS 13282:2024	MINE HAULAGE TRACKS TRACK SLEEPERS GENERAL REQUIREMENTS First Revision of IS 13282		-	Indigenous
17	IS 13517:1992 Reviewed In : 2018	Rock bolts - Resin type - Specification	November, 2018	-	Indigenous
18	IS 13618:1993 Reviewed In : 2025	Minehaulages - Directrope (50 To 150 KW) - General requirements	February, 2025	-	Indigenous
19	IS 14352:2025	Miner's Safety Goggles - Specification ( First Revision )		-	Indigenous
20	IS 14480:2006 Reviewed In : 2022	Side - Discharge loaders for underground coal mines - Safety requirements, operation and maintenance - Code of practice (First Revision)	February, 2022	-	Indigenous
21	IS 14567:2024	Winding in Mines " Design of Cages " Guidelines (First Revision)		-	Indigenous
22	IS 14778:2000 Reviewed In : 2025	Ortable methanometer (Interferometer Type) - Specification	September, 2025	-	Indigenous
23	IS 15838 (Part 110):2008 Reviewed In : 2023	Mining - Glossary of terms ( Amalgamating of IS 4791 : 1968, IS 4792 : 1968, IS 4863 :1968, IS 5028 I 1969, IS 5307 : 1968, IS 5767 : 1970, IS 5768 : 1970, IS 5814 : 1970, IS 5940 : 1979 AND IS 7580 : 1975)	November, 2023	-	Indigenous
24	IS 16511:2017 Reviewed In : 2022	Management systems for Eco - Friendly Non - Coal mining operations - Requirements	September, 2022	-	Indigenous
25	IS 17241:2019 Reviewed In : 2024	Man Riding Car by Rope Haulage System for Transportation of Persons in Mines	August, 2024	-	Indigenous
26	IS 17242:2019 Reviewed In : 2024	Man Riding Chair Lift System for Transportation of Persons in Mines	August, 2024	-	Indigenous
27	IS 17678:2021	SHORT ENCAPSULATION PULL TEST SEPT PROCEDURE		-	Indigenous
28	IS 4001:2017 Reviewed In : 2022	Mine tubs - specification (Third Revision)	September, 2022	-	Indigenous
29	IS 4005:2025	Tungsten Carbide for Mining Tools - Specification ( First Revision )		-	Indigenous
30	IS 5114:1969 Reviewed In : 2020	Specification for reflectorized signs for mines	September, 2020	-	Indigenous
31	IS 5114:2025	REFLECTORIZED SIGNS FOR MINES SPECIFICATION First Revision		-	Indigenous
32	IS 7577:2020 Reviewed In : 2024	Gas Testing Flame Safety Lamps — Specification ( Second Revision )	August, 2024	-	Indigenous
33	IS 7587 (Part 1):2020 Reviewed In : 2024	Cage Suspension Gear for Winding in Mines Part 1 General Requirements ( Second Revision )	August, 2024	-	Indigenous
34	IS 7587 (Part 2):2006	Cage suspension gear for winding in mines - Specification: Part 2	February, 2022	1	Indigenous

	Reviewed In : 2022	cappels (First Revision)			
35	IS 7587 (Part 3):2006 Reviewed In : 2022	Cage suspension gear for winding in mines - Specification: Part 3 shackles and pins (First Revision)	February, 2022	1	Indigenous
36	IS 7587 (Part 4):2006 Reviewed In : 2022	Cage suspension gear for winding in mines - Specification: Part 4 bridle chains (First Revision)	February, 2022	-	Indigenous
37	IS 7587 (Part 5):2006 Reviewed In : 2022	Cage suspension gear for winding in mines - Specification: Part 5 distribution plates (First Revision)	February, 2022	2	Indigenous
38	IS 7587 (Part 6):2006 Reviewed In : 2022	Cage suspension gear for winding in mines - Specification: Part 6 safety detaching hooks (4 Plates Type) 80 and 100 kN capacity (First Revision)	February, 2022	-	Indigenous
39	IS 7587 (Part 7):2017 Reviewed In : 2022	Cage suspension gear for winding in mines - Specification: Part 7 safety detaching hook (4 Plate Type) 120, 150 and 200 kN capacity (First Revision)	September, 2022	-	Indigenous
40	IS 7587 (Part 8):2025	Cage Suspension Gear for Winding in Mines Part 8 Clivey Hook Suspension Arrangements ( First Revision )		-	Indigenous
41	IS 7974 (Part 1):1976 ISO 710-1 Reviewed In : 2023 ISO 710-1:1974	Graphical symbols for use on detailed maps, plans and geological cross sections: Part 1 general rules of representation	May, 2023	-	Identical under dual numbering
42	IS 7974 (Part 2):1977 ISO 710-2 Reviewed In : 2023 ISO 710-2:1974	Graphical symbols for use on detailed maps, plans and geological cross sections: Part 2 representation of sedimentary rocks	May, 2023	-	Identical under dual numbering
43	IS 7974 (Part 3):1976 ISO 710-3 Reviewed In : 2023 ISO 710-3:1974	Graphical symbols for use on detailed maps, plans and geological cross sections: Part 3 Representation of magnetic rocks	May, 2023	-	Identical under dual numbering
44	IS 8003:2008 Reviewed In : 2023	Wheel axle assemblies for mine cars - Specification (First Revision)	November, 2023	-	Indigenous
45	IS 8066:2025	Mine Cars - Specification ( First Revision )		-	Indigenous
46	IS 8166:2024	Rotary Drill Bits for Drilling Principally in Coal - Specification ( Second Revision )		-	Indigenous
47	IS 8421:2025	Hydraulic Props - Specification (First revision)		-	Indigenous
48	IS 8473:2025	Roof Bars Used in Mines - Specification ( Second Revision )		-	Indigenous
49	IS 8534 (Part 1):2024	Mine Tub Couplings and Drawbars for Use in Mines (Fourth Revision)		-	Indigenous
50	IS 9011:1978 Reviewed In : 2020	Specification for skip suspension gear for winding in mines	September, 2020	1	Indigenous
51	IS 9123:1979 Reviewed In : 2020	Specification for battery locom - Otives for use in mines	September, 2020	-	Indigenous
52	IS 9170 (Part	Endless haulage rope clips -	September, 2025	-	Indigenous

	1):2005 Reviewed In : 2025	Specification: Part 1 general requirements (First Revision)			
53	IS 9170 (Part 2):2005 Reviewed In : 2025	Endless haulage rope clips - Specification: Part 2 screw clip, cam clip, smallman clip and wedge clip	September, 2025	-	Indigenous
54	IS 9170 (Part 3):2005 Reviewed In : 2025	Endless haulage rope clips - Specification: Part 3 lashing chain	September, 2025	-	Indigenous
55	IS 9171:2024	Maintenance and Use of Friction and Hydraulic Props and Link Bars - Code of Practice ( First Revision )		-	Indigenous
56	IS 9192:2024	Flameproof Hand-Held Rotary Electric Drilling Machine for Use in Mines - Specification ( First Revision )		-	Indigenous
57	IS 9203 (Part 1):2023	FRICITION ROLLERS FOR MINE HAULAGE TRACKS SPECIFICATION PART 1 TECHNICAL SUPPLY CONDITIONS First Revision of IS 9203 Part 1		-	Indigenous
58	IS 9203 (Part 2):2023	FRICITION ROLLERS FOR MINE HAULAGE TRACKS SPECIFICATION PART 2 PARALLEL ROLLERS First Revision of IS 9203 Part 2		-	Indigenous
59	IS 9203 (Part 3):2023	FRICITION ROLLERS FOR MINE HAULAGE TRACKS SPECIFICATION PART 3 TAPERED AND VERTICAL ROLLERS AND HORIZONTAL AND VERTICAL PULLEYS [ First Revision of IS 9203 (Part 3) ]		-	Indigenous
60	IS 9203 (Part 4):2023	FRICITION ROLLERS FOR MINE HAULAGE TRACKS SPECIFICATION PART 4 ROLLERS WITH NON-METALLIC ROPE BEARING SURFACES First Revision of IS 9203 Part 4		-	Indigenous
61	IS 9227:2023	FRICITION ROLLER MOUNTINGS FOR MINE HAULAGE TRACKS SPECIFICATION First Revision of IS 9227		-	Indigenous
62	IS 9239:2025	Winding In Mines - Sheaves - Cast - Specification ( Second Revision )		-	Indigenous
63	IS 9494:2023	Man $\frac{1}{2}$ Riding Cars used in Mines $\frac{1}{2}$ Specification ( First Revision )		-	Indigenous
64	IS 9910:2025	Method for Braze Strength Testing of Coal and Rock Cutting Tools With Laid-On Tungsten-Carbide Tips ( First Revision )		-	Indigenous
65	IS 9999:1981 Reviewed In : 2018	Specification for diesel locomotives for use in mines	November, 2018	1	Indigenous
66	IS 9999:2025	Specification and Safety		-	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 8 (01047) <b>Revision of: IS 8534:2017</b>	Mine tub couplings and drawbars Part 1 General requirements
2	MED 8 (01048) <b>Revision of: IS 4001:2017</b>	Mine Tubs
3	MED 8 (01051) <b>Revision of: IS 7587:2017</b>	Cage Suspension Gear for Winding in Mines - Part 7 Safety Detaching Hook 4 Plate Type 120 150 and 200 kN Capacity
4	MED 8 (01250)	Management System for Eco friendly Non cool mining operations Requirements
5	MED 8 (12390)	MAN RIDING CAR BY ROPE HAULAGE SYSTEM FOR TRANSPORTATION OF PERSONS IN MINES
6	MED 8 (12391)	MAN RIDING CHAIR LIFT SYSTEM FOR TRANSPORTION OF PERSONS IN MINES
7	MED 8 (12504) <b>Revision of: IS 7587:2020</b>	CAGE SUSPENSION GEAR FOR WINDING IN MINES PART 1 GENERAL REQUIREMENTS Second Revision
8	MED 8 (14801) <b>Revision of: IS 7577:2020</b>	Gas Testing Flame Safety Lamps second revision
9	MED 8 (17063)	SHORT ENCAPSULATION PULL TEST SEPT PROCEDURE
10	MED 8 (17075) <b>Revision of: IS 11862:1986</b>	HYDRAULIC LOADCELL - SPECIFICATION First Revision
11	MED 8 (18002) <b>Revision of: IS 9494:1980</b>	Man Riding Cars used in Mines Specification First Revision
12	MED 8 (18003) <b>Revision of: IS 8534:2017</b>	MINE TUB COUPLINGS AND DRAWBARS FOR USE IN MINES
13	MED 8 (18004) <b>Revision of: IS 12526:1988</b>	Bucket for Shaft Sinking Operations in Mines Specification First Revision
14	MED 8 (19558) <b>Revision</b>	FRICTION ROLLERS FOR MINE HAULAGE TRACKS SPECIFICATION PART 1

	of: IS 9203:1979	TECHNICAL SUPPLY CONDITIONS First Revision of IS 9203 Part 1
15	MED 8 (19560) Revision of: IS 9203:1979	FRICTION ROLLERS FOR MINE HAULAGE TRACKS SPECIFICATION PART 2 PARALLEL ROLLERS First Revision of IS 9203 Part 2
16	MED 8 (19561) Revision of: IS 9203:1979	FRICTION ROLLERS FOR MINE HAULAGE TRACKS SPECIFICATION PART 3 TAPERED AND VERTICAL ROLLERS AND HORIZONTAL AND VERTICAL PULLEYS First Revision of IS 9203 Part 3
17	MED 8 (19562) Revision of: IS 9203:1979	FRICTION ROLLERS FOR MINE HAULAGE TRACKS SPECIFICATION PART 4 ROLLERS WITH NON-METALLIC ROPE BEARING SURFACES First Revision of IS 9203 Part 4
18	MED 8 (19564) Revision of: IS 9227:1979	FRICTION ROLLER MOUNTINGS FOR MINE HAULAGE TRACKS SPECIFICATION First Revision of IS 9227
19	MED 8 (19661) Revision of: IS 9239:1999	Winding In Mines Sheaves Cast Specification Second Revision
20	MED 8 (19664) Revision of: IS 12489:1988	RECOMMENDATIONS FOR FITTING TERMINAL WIRE ROPE SOCKETS BY CONE AND TAIL METHOD
21	MED 8 (19667) Revision of: IS 12488:1988	HAULAGE ROPE CAPPELS SPECIFICATION First Revision of IS 12488
22	MED 8 (20453) Revision of: IS 8066:1976	Mine Cars Specification First Revision
23	MED 8 (20456) Revision of: IS 9171:1979	Maintenance and Use of Friction and Hydraulic Props and Link Bars Code of Practice First Revision
24	MED 8 (20457) Revision of: IS 9910:1981	Method for Braze Strength Testing of Coal and Rock Cutting Tools With Laid-On Tungsten- Carbide Tips First Revision
25	MED 8 (20458) Revision of: IS 10046:1981	DOG SPIKES FOR MINE HAULAGE TRACKS SPECIFICATION
26	MED 8 (20461) Revision of: IS 12450:1988	Steel Headframes for Mines Part 1 Principles of Load Computation and Applicable Factors of Safety First Revision
27	MED 8 (20463) Revision of: IS 14352:1996	Miner s Safety Goggles Specification First Revision
28	MED 8 (20486) Revision of: IS 9192:1979	FLAMEPROOF HAND-HELD ROTARY ELECTRIC DRILLING MACHINE FOR USE IN MINES SPECIFICATION
29	MED 8 (20644) Revision of: IS 8473:1988	ROOF BARS USED IN MINES SPECIFICATION
30	MED 8 (21522) Revision of: IS 10202:1982	SCRAPERS USED IN MINES SPECIFICATION
31	MED 8 (21735) Revision of: IS 8166:1988	Rotary Drill Bits for Drilling Principally in Coal Specification
32	MED 8 (21737) Revision of: IS 8421:1977	Hydraulic Props Specification
33	MED 8 (21738) Revision of: IS 12464:1988	METHODS OF TEST FOR ROOF BARS USED IN MINES
34	MED 8 (21740) Revision of: IS 13282:1991	MINE HAULAGE TRACKS TRACK SLEEPERS GENERAL REQUIREMENTS First Revision of IS 13282
35	MED 8 (21744) Revision of: IS 14567:1998	WINDING IN MINES DESIGN OF CAGES GUIDELINES First Revision of IS 14567
36	MED 8 (22862) Revision of: IS 4005:1967	Tungsten Carbide for Mining Tools Specification First Revision
37	MED 8 (22869) Revision of: IS 9999:1981	Specification and Safety Requirements for Diesel Locomotives used in Mines
38	MED 8 (27545) Revision of: IS 7587:1993	Cage Suspension Gear for Winding in Mines Part 8 Clivey Hook Suspension Arrangements First Revision
39	MED 8 (27654) Revision of: IS 5114:1969	REFLECTORIZED SIGNS FOR MINES SPECIFICATION First Revision
40	MED 8 (28004) Revision of: IS 13230:1992	GRAPHICAL SYMBOLS FOR USE ON MINE PLANS First Revision
41	MED 8 (32985)	Specification for keps for mine cages
42	MED 8 (33027)	Mine haulages - Directrope 50 To 150 KW - General requirements
43	MED 8 (33786)	HAULAGE ROPE CAPPELS SPECIFICATION First Revision of IS 12488

### Aspect Wise Report

Product : 46  
 Code of Practices : 5  
 Methods of Test : 4  
 Terminology : 5  
 Dimensions : 0  
 System Standard : 2  
 Safety Standard : 0  
 Others : 0  
 Service Specification : 0  
 Process Specification : 1  
 Unclassified : 0

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

SI. No.	IS No. & Year	Title
1	IS 11922:1986	Portable Mine Hoist
2	IS 13163:1991 Reviewed In : 2010	Mine haulage tracks - Laying - Code of practice
3	IS 13201:1991 Reviewed In : 2010	Mine Haulage Tracks - Rails and Fish Plates - General Requirements
4	IS 13210:1991 Reviewed In : 2010	Mine haulage tracks - Switches and crossings - General requirements
5	IS 13220:1991	Friction Props - Hydraulic Setting Device - General Requirements
6	IS 3819:1967 Reviewed In : 1995	Solid Forged Coal Cutting Picks
7	IS 3820:1982	Carbide Tipped Coal Cutting Tools
8	IS 3869 (Part 1):1966 Reviewed In : 1995	Shortwall coal cutting machine Part 1 General requirement for skid mounted shortwall coal cutting machines
9	IS 3869 (Part 2):1966 Reviewed In : 1995	Shortwall coal cutting machine Part 2 Recommendations on selection of the basic parameters of the cutting system and the calculation of power consumption
10	IS 3970:1967	Safety Detaching Hooks Used In Mines
11	IS 4791:1968	Specification for metal paper trays First Revision
12	IS 4792:1968	Guide for heat insulation of non - Industrial buildings
13	IS 4863:1968	Glossary of mining terms drilling and blasting
14	IS 5028:1969	Glossary Of Mining Terms planning And Surveying
15	IS 5307:1969	Glossary of mining terms boring and exploration
16	IS 5767:1970	Glossary of mining terms strata control
17	IS 5768:1970	Glossary of Mining Terms Winning and Working
18	IS 5771:1981	Coal Cutting Tools Point Attack Tungsten Carbide Tipped
19	IS 5814:1970	Glossary Of Mining Terms shaft And Associated Equipment
20	IS 5940:1970	Glossary Of Mining Terms geology

21	IS 7578:1975	Wedge and Slot type Roof Bolt
22	IS 7580:1975	Glossary Of Mining Terms transport
23	IS 7586:1975 Reviewed In : 2004	Friction Props for Mines
24	IS 8266:1976	Expansion Shell Type Roof Bolts
25	IS 8534 (Part 2):1995 Reviewed In : 2020	Mine tub couplings and drawbars Part 2 C - Link and D - Shackle type First Revision
26	IS 8534 (Part 3):1995 Reviewed In : 2020	Mine tub couplings and drawbars Part 3 R - Shackle and link type First Revision
27	IS 8534 (Part 4):1995 Reviewed In : 2020	Mine tub couplings and drawbars Part 4 F - Shackle and link type First Revision
28	IS 8534 (Part 5):2005 Reviewed In : 2020	Mine tub couplings and drawbars Part 5 drawbars First Revision
29	IS 8534 (Part 6):1995 Reviewed In : 2020	Mine tub couplings and drawbars Part 6 hook and D - Shackle type

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

SI. No.	IS No. & Year	Title
1	IS 10046:2024	DOG SPIKES FOR MINE HAULAGE TRACKS - SPECIFICATION first revision
2	IS 10202:2025	SCRAPERS USED IN MINES - SPECIFICATION first revision
3	IS 10970:1984 Reviewed In : 2020	Specification for keps for mine cages
4	IS 11311:2011 Reviewed In : 2025	Technical requirements for loaders for use in underground mines First Revision
5	IS 11862:2021 ISO 21387:2020	HYDRAULIC LOADCELL - SPECIFICATION First Revision
6	IS 12488:2023	HAULAGE ROPE CAPPELS SPECIFICATION First Revision of IS 12488
7	IS 12526:2023	Bucket for Shaft Sinking Operations in Mines Specification First Revision
8	IS 12527:1988 Reviewed In : 2025	General requirements for riders for buckets used in shaft sinking opeiRations in mines
9	IS 13219:1992 Reviewed In : 2018	Rock bolts for mines Cement Grouted - General requirements
10	IS 13282:2024	MINE HAULAGE TRACKS TRACK SLEEPERS GENERAL REQUIREMENTS First Revision of IS 13282
11	IS 13517:1992 Reviewed In : 2018	Rock bolts - Resin type - Specification
12	IS 13618:1993 Reviewed In : 2025	Minehaulages - Directrope 50 To 150 KW - General requirements
13	IS 14352:2025	Miner 39 s Safety Goggles - Specification First Revision
14	IS 14778:2000 Reviewed In : 2025	Ortable methanometer Interferometer Type - Specification
15	IS 17241:2019 Reviewed In : 2024	Man Riding Car by Rope Haulage System for Transportation of Persons in Mines
16	IS 17242:2019 Reviewed In : 2024	Man Riding Chair Lift System for Transportation of Persons in Mines
17	IS 4001:2017 Reviewed In : 2022	Mine tubs - specification Third Revision

18	IS 4005:2025	Tungsten Carbide for Mining Tools - Specification First Revision
19	IS 7587 (Part 1):2020 <a href="#">Reviewed In : 2024</a>	Cage Suspension Gear for Winding in Mines Part 1 General Requirements Second Revision
20	IS 7587 (Part 2):2006 <a href="#">Reviewed In : 2022</a>	Cage suspension gear for winding in mines - Specification Part 2 cappels First Revision
21	IS 7587 (Part 3):2006 <a href="#">Reviewed In : 2022</a>	Cage suspension gear for winding in mines - Specification Part 3 shackles and pins First Revision
22	IS 7587 (Part 4):2006 <a href="#">Reviewed In : 2022</a>	Cage suspension gear for winding in mines - Specification Part 4 bridle chains First Revision
23	IS 7587 (Part 5):2006 <a href="#">Reviewed In : 2022</a>	Cage suspension gear for winding in mines - Specification Part 5 distribution plates First Revision
24	IS 7587 (Part 6):2006 <a href="#">Reviewed In : 2022</a>	Cage suspension gear for winding in mines - Specification Part 6 safety detaching hooks 4 Plates Type 80 and 100 kN capacity First Revision
25	IS 7587 (Part 7):2017 <a href="#">Reviewed In : 2022</a>	Cage suspension gear for winding in mines - Specification Part 7 safety detaching hook 4 Plate Type 120 150 and 200 kN capacity First Revision
26	IS 7587 (Part 8):2025	Cage Suspension Gear for Winding in Mines Part 8 Clivey Hook Suspension Arrangements First Revision
27	IS 8003:2008 <a href="#">Reviewed In : 2023</a>	Wheel axle assemblies for mine cars - Specification First Revision
28	IS 8066:2025	Mine Cars - Specification First Revision
29	IS 8166:2024	Rotary Drill Bits for Drilling Principally in Coal - Specification Second Revision
30	IS 8421:2025	Hydraulic Props - Specification First revision
31	IS 8473:2025	Roof Bars Used in Mines - Specification Second Revision
32	IS 8534 (Part 1):2024	Mine Tub Couplings and Drawbars for Use in Mines Fourth Revision
33	IS 9011:1978 <a href="#">Reviewed In : 2020</a>	Specification for skip suspension gear for winding in mines
34	IS 9123:1979 <a href="#">Reviewed In : 2020</a>	Specification for battery locom - Otives for use in mines
35	IS 9170 (Part 1):2005 <a href="#">Reviewed In : 2025</a>	Endless haulage rope clips - Specification Part 1 general requirements First Revision
36	IS 9170 (Part 2):2005 <a href="#">Reviewed In : 2025</a>	Endless haulage rope clips - Specification Part 2 screw clip cam clip smallman clip and wedge clip
37	IS 9170 (Part 3):2005 <a href="#">Reviewed In : 2025</a>	Endless haulage rope clips - Specification Part 3 lashing chain
38	IS 9192:2024	Flameproof Hand-Held Rotary Electric Drilling Machine for Use in Mines - Specification First Revision
39	IS 9203 (Part 1):2023	FRICTION ROLLERS FOR MINE HAULAGE TRACKS SPECIFICATION PART 1 TECHNICAL SUPPLY CONDITIONS First Revision of IS 9203 Part 1
40	IS 9203 (Part 2):2023 60884-2-5: 2017	FRICTION ROLLERS FOR MINE HAULAGE TRACKS SPECIFICATION PART 2 PARALLEL ROLLERS First Revision of IS 9203 Part 2
41	IS 9203 (Part 3):2023 ISO 7176-25:2022	FRICTION ROLLERS FOR MINE HAULAGE TRACKS SPECIFICATION PART 3 TAPERED AND VERTICAL ROLLERS AND HORIZONTAL AND VERTICAL PULLEYS First Revision of IS 9203 Part 3
42	IS 9203 (Part 4):2023 ISO 7176-21:2009	FRICTION ROLLERS FOR MINE HAULAGE TRACKS SPECIFICATION PART 4 ROLLERS WITH NON-METALLIC ROPE BEARING SURFACES First Revision of IS 9203 Part 4
43	IS 9227:2023	FRICTION ROLLER MOUNTINGS FOR MINE HAULAGE TRACKS SPECIFICATION First Revision of IS 9227
44	IS 9239:2025	Winding In Mines - Sheaves - Cast - Specification Second Revision
45	IS 9494:2023	Man Riding Cars used in Mines Specification First Revision

46	IS 9999:2025	Specification and Safety Requirements for Diesel Locomotives used in Mines
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