BUREAU OF INDIAN STANDARDS

Program of Work

MED 7: Earth Moving Equipment and Material Handling

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)Earthmoving 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".

Liaison:

TC-1 (P): Screw threads TC-110 (P): Industrial trucks TC-127 (P): Earth-moving machinery TC-127 SC-1 (P): Test methods relating to safety and machine performance TC-127 SC-2 (P): Safety, ergonomics and general requirements TC-127 SC-3 (P): Machine characteristics, electrical and electronic systems, operation and maintenance TC-127 SC-4 (P): Terminology, commercial nomenclature, classification and ratings

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10095:2022	GUIDELINES FOR SELECTION		-	Indigenous
		OF TIPPLERS FOR BROAD			
		GAUGE OPEN RAILWAY			
		WAGONS (FIRST REVISION)			
2	IS 10223:2023	General Requirements for Tow-		=	Indigenous
		castor, System for Transportation			
		of Freight Containers (First			
		Revision)			
3	IS/ISO 10262:1998	Earth moving machinery -	November, 2022	=	Identical under single
	ISO 10262 : 1998	Hydraulic excavators - Laboratory			numbering
	Reviewed In: 2022	tests and performance			
	ISO 10262 : 1998	requirements for operator			
		protective guards			
4	IS/ISO	Earth - Moving machinery -	March, 2022	=	Identical under single
	10263-2:2009	Operator enclosure environment:			numbering
	ISO 10263-2 : 2009	Part 2 air filter element test			

I	Reviewed In: 2022	method		1	I
	ISO 10263 : Part 2 :	method			
	2009				
5	IS/ISO	Earth - Moving machinery -	March, 2022	_	Identical under single
	10263-3:2009	Operator enclosure environment:	,		numbering
	ISO 10263-3 : 2009	Part 3 pressurization test method			8
	Reviewed In: 2022				
	ISO 10263 : Part 3 :				
	2009				
6	IS/ISO	Earth - Moving machinery -	June, 2023	-	Identical under dual
	10263-4:2009	Operator enclosure environment:			numbering
	ISO 10263-4 : 2009	Part 4 heating, ventilating and air			
	Reviewed In: 2023	conditioning (HVAC) test method			
	ISO 10263-4:2009	and performance			
7	IS/ISO	EARTH-MOVING MACHINERY		-	Identical under single
	10263-5:2009	OPERATOR ENCLOSURE			numbering
	ISO 10263-5 : 2009				
	ISO 10263-5 : 2009				
0	IS/ISO 10264:1990	SYSTEM TEST METHOD Forth Moving Machinery, Very	November, 2022		Identical under single
8	ISO 10264:1990	Earth-Moving Machinery - Key- Locked Starting Systems	movember, 2022	_	Identical under single numbering
	Reviewed In : 2022	Locked Starting Systems			numbering
	ISO 10264:1990				
9	IS/ISO 10265:2008	Earth - Moving machinery -	March, 2022	_	Identical under single
_	ISO 10265 : 2008	Crawler machines - Performance	March, 2022		numbering
	Reviewed In : 2022	requirements and test procedures			namoenng
	ISO 10265 : 2008	for braking systems			
10	IS 10303:1993	Earth moving machinery -	December, 2024	-	Identical under dual
	ISO 6749	Preservation and storage (First	,		numbering
	Reviewed In: 2024	Revision)			
	Decision taken to	·			
	Reaffirm and				
	Archive ISO				
	6749:1984				
11	IS 10443:2006	Data sheet for selection of marine	March, 2022	-	Indigenous
	Reviewed In: 2022	loading arms (First Revision)			
12	IS 10463 (Part	Glossary of terms for bulk handling	March, 2023	-	Indigenous
	2):1985	equipment: Part 2 stacking, loading			
10	Reviewed In: 2023	and reclaiming equipment			T 1'
13	IS 10463 (Part	Bulk Handling Equipment -		-	Indigenous
	2):2025	Glossary of Terms Part 2 Stacking,			
		Loading and Reclaiming			
14	IS 10463 (Part	Equipment (First Revision) Glossary of terms for bulk handling	March, 2023	+	Indigenous
14	6):1983	equipment: Part 6 cyclic loose bulk	ividicii, 2023	_	muigenous
	Reviewed In : 2023	handling equipment (Non -			
	110 110 110 111 1 2023	Stationary)			
15	IS 10463 (Part	Bulk Handling Equipment -		_	Indigenous
-	6):2025	Glossary of Terms Part 6 Cyclic			
		Loose Bulk Handling Equipment			
L		(Non-stationary) (first revision)			
16	IS 10464:2023	Data Sheet for Selection of Wagon		-	Indigenous
		Puller/Pusher (First Revision)			
17	IS 10506:1996	Trolley for carrying jute bales -	January, 2025	-	Indigenous
	Reviewed In: 2025	Specification (First Revision)			
	Decision taken to				
	Reaffirm and				
10	Archive	CDECKEY CARROLL TOO		1	T 12
18	IS 10525:2022	SPECIFICATION FOR			Indigenous

		GENERAL PURPOSE DRINKING WATER TROLLEY			
		First Revision of IS 10525			
19	IS/ISO 10532:1995	Earth - Moving machinery -	November, 2022	-	Identical under single
	ISO 10532 : 1995	Machine - Mounted retrieval			numbering
	Reviewed In: 2022	device - Performance equirements			
	ISO 10532: 1995				
20	IS/ISO 10533:1993	Earth - Moving machinery - Lift -	November, 2022	-	Identical under single
	ISO 10533 : 1993	Arm support devices			numbering
	Reviewed In: 2022				
	ISO 10533: 1993				
21	IS/ISO 10567:2007	Earth - Moving machinery -	March, 2022	-	Identical under single
	ISO 10567 : 2007	Hydraulic excavators - Lift			numbering
	Reviewed In: 2022	capacity			
	ISO 10567 : 2007				
22	IS/ISO 10570:2004	Earth - Moving machinery -	June, 2023	-	Identical under single
	ISO 10570 : 2004	Articulated frame lock -			numbering
	Reviewed In: 2023	Performance requirements			
	ISO 10570 : 2004				
23	IS 10678:2025	Data Sheet for Design/Selection of		_	Indigenous
		Vacuum Producer			
24	IS 10689:1993	Earth moving machinery -	January, 2025	_	Identical under dual
-	ISO 2860	Minimum access dimensions (First	·		numbering
	Reviewed In: 2025	Revision)			
	Decision taken to	revision)			
	Reaffirm and				
	Archive ISO 2860 :				
	1992				
25	IS 10856:1993	Earth - Moving machinery -	December, 2022	_	Identical under dual
23	ISO6484	Elevating scrapers - Volumetric	December, 2022		numbering
	Reviewed In: 2022	ratings (First Revision)			numbering
	ISO 6484:1986	ratings (1 list Revision)			
26	IS 10859:1993	Earth - Moving machinery -	March, 2023	_	Identical under dual
20	ISO 6483	Dumper bodies - Volumetric	March, 2023		numbering
	Reviewed In: 2023	ratings (First Revision)			numbering
	ISO 6483:1980	ratings (1 list Revision)			
27	IS/ISO 10968:2020	Earth-Moving Machinery -	January, 2025		Identical under single
21	ISO 10968 : 2020	Operator's Controls (First	January, 2023	-	numbering
	Reviewed In : 2025	Revision)			numbering
	10968:2020	Revision)			
28		EARTH-MOVING MACHINERY			Identical under single
20	ISO 10987.2012	SUSTAINABILITY		-	numbering
	ISO 10987	TERMINOLOGY			numbering
	130 1098/	SUSTAINABILITY FACTORS			
		AND REPORTING			
29	IS/ISO	Earth - Moving Machinery â€"		 	Identical under single
23	10987-2:2017	Sustainability Part 2		_	numbering
	ISO 10987-2	Remanufacturing			namoernig
	ISO 10987-2	Remainiracturing			
30	IS/ISO	Earth - Moving Machinery â€"			Identical under single
30	10987-3:2017	Sustainability Part 3 Used			numbering
	ISO 10987-3	Machines			namoernig
	ISO 10987-3 ISO 10987-3	iviaciinies			
31	IS/ISO 11112:1995	Earth Moving Machinery -	November, 2022		Identical under single
31	ISO 11112:1995	Operator's Seat - Dimensions and	MOVEHIUEI, 2022	_	numbering
	Reviewed In : 2022	Requirements			namoernig
	ISO 11112 : 1995	Requirements			
32	IS 11112: 1995 IS 11113:1999	Earth-moving machinery, and	December, 2022	_	Identical under dual
32	ISO 5353	tractors and machinery for	December, 2022	_	
	190 3333	tractors and machinery for			numbering

l	Reviewed In: 2022	agriculture and forestry - Seat			1
	ISO 5353:1995	index point (second revision)			
33	IS 11114 (Part	Earth - Moving machinery -	February, 2023	-	Identical under dual
	2):2006	Definitions of dimensions and			numbering
	ISO 6746-1	codes: Part 2 base machine			
	Reviewed In: 2023	(Second Revision)			
	ISO 6746-1:2003				
34	IS 11114 (Part	Earth - Moving machinery -	February, 2023	-	Identical under dual
	3):2006	Definitions of dimensions and			numbering
	ISO 6746-2	codes: Part 3 (Equipment And			
	Reviewed In: 2023	Attachments Second Revision)			
	ISO 6746-2:2003				
35	IS 11249:1985	Data sheet for selection of front	January, 2025	-	Indigenous
	Reviewed In: 2025	end loaders			
	Decision taken to				
	Reaffirm and				
	Archive				
36	IS 11252:1993	Earth - Moving machinery - Zones	November, 2022	-	Identical under dual
	ISO 6682	of comfort and reach for controls			numbering
	Reviewed In: 2022	(First Revision)			
	ISO 6682:1986				
37	IS 11496:1985	General and performance test	January, 2025	-	Indigenous
	Reviewed In: 2025	requirements of pallet truck and			
	Decision taken to	stillage truck			
	Reaffirm and				
	Archive				
38	IS 11738 (Part	BULK HANDLING		-	Indigenous
	1):2025	EQUIPMENT CRAWLER			
		TRACTORS DATA SHEET			
		PART 1 INFORMATION TO BE			
		SUPPLIED BY PURCHASER			
		Second Revision			
39		Bulk handling equipment - Crawler	February, 2023	-	Indigenous
	2):1993	tractors - Data sheet: Part 2			
	Reviewed In: 2023	information to be supplied by			
		manufacturer/supplier (First			
40	YO 44 F20 (P	Revision)			7 11
40	IS 11738 (Part	BULK HANDLING		-	Indigenous
	2):2025	EQUIPMENT - CRAWLER			
		TRACTORS - DATA SHEET			
		PART 2 INFORMATION TO BE			
		SUPPLIED BY			
		MANUFACTURER/SUPPLIER			
A 1	IC/ICO 110/2 1002	(second revision)	November 2022	1	Identical and a similar
41	IS/ISO 11862:1993	į į	November, 2022	-	Identical under single
	ISO 11862 : 1993	Auxiliary Starting Aid Electrical			numbering
	Reviewed In : 2022	Connector			
42	ISO 11862:1993	Forth moving machiness laborates		-	Identical under single
42	IS/ISO 12117-2:2008	Earth moving machinery laboratory		_	Identical under single
		tests and performance			numbering
	ISO 12117-2 : 2008	requirements for protective structures of excavators: Part 2 roll			
	2008	- Over protective structures (Rops)			
12	IS 12137:2025	for excavators of over 6 t WAGON PULLER/PUSHER -		+	Indiagnous
43	13 12137;2023			_	Indigenous
		GENERAL REQUIREMENTS (First Revision)			
44	IS 12140:1987	Data sheet for selection of dumpers	March, 2023	1	Indigenous
***	Reviewed In : 2023	Data sheet for selection of dumpers	iviaicii, 2023		marganous
	110 110 110 111 1 2023			1	1

l	Reaffirmed but not			1	1
	taken up for revision				
4.5	10.1000 (1000		N 1 2022		X1 2 1 1 1 1
45	IS 12206:1993 ISO 7546	Earth - Moving machinery - Loader and front loading excavator	November, 2022	-	Identical under dual numbering
	Reviewed In: 2022	buckets - Volumetric ratings (First			numbering
	ISO 7546 :1983	Revision)			
46	IS 12359:1988	Guide for selection of wheels and	January, 2025	_	Indigenous
	Reviewed In: 2025	castors	•		
	Decision taken to				
	Reaffirm and				
	Archive				
47	IS 12402 (Part	Mobile containers for solid waste:	March, 2022	-	Indigenous
	1):1988	Part 1 general characteristics			
40	Reviewed In: 2022	M 1 21	M 1 2022		T 1'
48	IS 12402 (Part 2):1988	Mobile containers for solid waste: Part 2 methods of test	March, 2022	-	Indigenous
	Reviewed In : 2022	Part 2 methods of test			
49	IS/ISO 12508:1994	Earth - Moving machinery -	November, 2022	_	Identical under single
72	ISO 12508 : 1994	Operator station and maintenance	1101011001, 2022		numbering
	Reviewed In: 2022	areas - Bluntness of edges			numo vimg
	ISO 12508 : 1994				
50	IS/ISO 12509:2004	Earth - Moving machinery -		-	Identical under single
	ISO 12509 : 2004	Lighting, signaling and marking			numbering
	ISO 12509:2023	lights and reflex - Reflector			
		devices			
51	IS/ISO 12509:2023	Earth-Moving Machinery and		-	Identical under single
	ISO 12509:2023	Rough-Terrain Trucks - Lighting,			numbering
	ISO 12509:2023	Signalling and Marking Lights and			
		Reflex Reflectors (FIRST			
52	IS 12567:2022	REVISION) Pneumatic Handling Equipment -			Indiganous
32	13 12307:2022	Bends - Dimensions (First		-	Indigenous
		Revision)			
53	IS 12645:1993	Earth - Moving machinery -	January, 2025	_	Identical under dual
	ISO 9246	Crawler and wheel tractor dozer	· · · · · · · · · · · · · · · · · · ·		numbering
	Reviewed In: 2025	blades - Volumetric ratings (First			
	ISO 9246:1988	Revision)			
54	IS 12663 (Part	Bulk Handling Equipment -		-	Indigenous
	1):2023	Reclaimer - Data Sheet for			
		Selection Part 1 Scraper Reclaimer			
	XG 10 (C) (D	(Rail Mounted) (First Revision)	T.1. 2021		T 11
55	IS 12663 (Part	Bulk handling equipment -	February, 2021	-	Indigenous
	2):2000	Reclaimer - Data sheet for bucket			
	Reviewed In: 2021	wheel reclaimer (Rail Mounted): Part 2 information to be supplied			
		by the purchaser			
56	IS 12663 (Part	Bulk handling equipment -	February, 2023	_	Indigenous
	3):2000	Reclaimer - Data sheet for bucket	1 001001, 2020		Indigonous
	Reviewed In: 2023	wheel reclaimer (Rail Mounted):			
		Part 3 information to be supplied			
		by the manufacturer			
57	IS 12669 (Part	Bulk Handling Equipment -		-	Indigenous
	1):2023	Hydraulic Excavator - Data Sheet			
		For Selection Part 1 Hoe (First			
# 0	10,000,1000,1000	Revision)			
58	IS/ISO 13031:2016	Earth-Moving Machinery - Quick	August, 2024	-	Identical under single
	ISO 13031 : 2016	Couplers - Safety			numbering
	Reviewed In: 2024				

I	ISO 13031:2016			1	1
59	IS 13065:1991 Reviewed In : 2022	Bulk handling equipment - Wagon marshalling equipment - Endless	March, 2022	-	Indigenous
	iteviewed in : 2022	rope type - General requirements			
60	IS 13076:1991	Hand trolley for carrying mail bags	December, 2024	-	Indigenous
	Reviewed In: 2024	- Specification			
	Decision taken to				
	Reaffirm and				
	Archive				
61	IS 13081:1991	Earth moving machinery - Symbols	January, 2025	-	Indigenous
	Reviewed In: 2025	- Guidelines for development and			
	Decision taken to	evaluation			
	Reaffirm and				
	Archive				
62	IS 13082 (Part	Bulk handling equipment - Ship	March, 2022	-	Indigenous
	1):1991	unloader - Gantry mounted grab			
	Reviewed In: 2022	type - Code of practice for design,			
		manufacture and erection:: Part 1			
		mechanical and structural			
63	IS 13082 (Part	requirements Bulk handling equipment - Ship	March, 2022	+	Indigenous
03	2):1991	unloader - Gantry mounted grab	iviaicii, 2022	_	margenous
	Reviewed In : 2022	type - Code of practice for design,			
	To viewed iii . 2022	manufacture and erection,: Part 2			
		electro - Mechanical requirements			
64	IS 13082 (Part	Bulk handling equipment - Ship	March, 2022	_	Indigenous
	3):1991	unloader - Gantry mounted grab	,		
	Reviewed In: 2022	type - Code of practice for design,			
		manufacture and erection,: Part 3			
		information to be supplied by			
		purchaser and the manufacturer			
65	IS 13113:2025	BULK HANDLING		-	Indigenous
		EQUIPMENT WAGON			
		MARSHALLING EQUIPMENT			
		ENDLESS ROPE TYPE DATA			
		SHEET			
66	IS 13148 (Part	Mobile equipment for continuous	March, 2023	-	Identical under dual
	1):1999	handling of bulk materials: Part 1			numbering
	ISO 5049-1	rules for the design of steel			
	Reviewed In: 2023	structure (First Revision)			
67	ISO 5049-1:1994	F 4 M : 1:	N/ 1 2022		T1 2 1 1 1 1
67	IS 13253:1992	Earth - Moving machinery -	March, 2023	-	Identical under dual
	ISO 8925 Reviewed In: 2023	Diagnostic ports			numbering
	ISO 8925:1989				
68	IS/ISO 13333:1994	Earth-Moving Machinery -	November, 2022	 _	Identical under single
	ISO 13333 : 1994	Dumper Body Support and	11010111001, 2022		numbering
	Reviewed In : 2022	Operators Cab Tilt Support			indinocinis
	ISO 13333:1994	Devices			
69	IS/ISO 13459:2012	Earth-Moving Machinery - Trainer		-	Identical under single
		Seat - Deflection Limiting Volume,			numbering
	ISO 13459:2012	Space Envelope and Performance			
		Requirements		<u> </u>	
70	IS 13652:1993	Bulk Handling Equipment -	March, 2023	-	Indigenous
	Reviewed In: 2023	Dumper - Supplier's Data Sheet			
	Reaffirmed but not				
	taken up for revision	4			
	YO 40 50 5 =				T
71	IS 13685 (Part	Bulk handling equipment - Ship	March, 2023	-	Indigenous
-	-	•		-	•

	1):1993 Reviewed In : 2023 Reaffirmed but not taken up for revision	loader - Rail mounted - Data sheet for selection: Part 1 information to be supplied by purchaser			
72	IS 13685 (Part 2):1993 Reviewed In : 2023 Reaffirmed but not taken up for revision	Bulk handling equipment - Ship loader - Rail mounted data sheet for selection: Part 2 information to be supplied by manufacturer/supplier	March, 2023	-	Indigenous
73	IS/ISO 13766-1:2018 ISO 13766-1:2018 Reviewed In: 2025 ISO 13766-1:201	Earth-Moving and Building Construction Machinery - Electromagnetic Compatibility (EMC) of Machines with Internal Electrical Power Supply Part 1 General EMC Requirements Under Typical Electromagnetic Environmental Conditions	January, 2025	-	Identical under single numbering
74	IS/ISO 13766-2:2018 ISO 13766-2:2018 Reviewed In: 2025 ISO 13766-2:2018	Earth-Moving and Building Construction Machinery - Electromagnetic Compatibility (EMC) of Machines with Internal Electrical Power Supply Part 2 Additional EMC Requirements for Functional Safety	January, 2025	-	Identical under single numbering
75	IS 13768:2016 ISO 3164 : 2013 Reviewed In : 2021	Earth - Moving machinery - Laboratory evaluations of protective structures - Specifications for deflection - Limiting volume (Second Revision)	February, 2021	-	Indigenous
76	IS 13811:2023	Air Cargo (Bulk) Trolley - Specification (First Revision)		-	Indigenous
77	IS 13936:1994 Reviewed In : 2023	Bulk handling equipment - Wheeled loaders - General requirements	March, 2023	-	Indigenous
78	IS 13945:2023	Bulk Handling Equipment - Bagging Machines (Electronic Type) - Data Sheet (First Revision)		-	Indigenous
79	IS 13951:1994 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Heavy item lift platform for aircraft/airport operations - General requirements	December, 2024	1	Indigenous
80	IS 13989:1994 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Bulk handling equipment - Bagging machines (Mechanical Type) - Design and construction - General requirements	December, 2024	-	Indigenous
81		Bulk handling equipment - Bagging machines (Electronic Type) - Design and construction - General requirements	December, 2024	-	Indigenous
82	IS 14130:2023	Hydraulic Lifting Table - Specification (First Revision)		-	Indigenous
83	IS/ISO 14397-1:2007	Earth-Moving Machinery - Loaders and Backhoe Loaders Part 1		-	Identical under single numbering

	ISO 14397-1 : 2007 ISO 14397-1:2007	Capacity and Test Method for Verifying Calculated Tipping Load			
84	IS/ISO 14401-2:2009 ISO 14401-2 : 2009 ISO 14401 : Part 2 : 2009	Earth - Moving machinery - Field of vision of surveillance and rear - View mirrors: Part 2 performance criteria		-	Identical under single numbering
85	IS 14416:1996 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Bulk handling equipment - Boom type bucket wheel reclaimer - Rail mounted - Design, manufacture and erection - Code of practice	December, 2024	-	Indigenous
86	IS 14417:1996 Reviewed In: 2025 Decision taken to Reaffirm and Archive	Bulk handling equipment - Single boom slewable stacker - Rail mounted - Design, manufacture and erection - Code of practice	January, 2025	-	Indigenous
87	IS 14418:2025	BULK HANDLING EQUIPMENT SHIP LOADER RAIL MOUNTED DESIGN MANUFACTURE AND ERECTION CODE OF PRACTICE		-	Indigenous
88	IS 14704:2025	Bulk Handling Equipment "¿½ Bag Stacker - Cum - Loader "¿½ Portable "¿½ Design and Construction "¿½ General Requirements		-	Indigenous
89	IS/ISO 14990-1:2016 ISO 14990-1:2016 ISO 14990-1:2016	Earth-Moving Machinery - Electrical Safety of Machines		-	Identical under single numbering
90	IS/ISO 14990-2:2016 ISO 14990-2 : 2016 ISO 14990-2:2016	Earth-Moving Machinery - Electrical Safety of Machines		-	Identical under single numbering
91	IS/ISO 14990-3:2016 ISO 14990-3:2016 ISO 14990-3:2016	Earth-Moving Machinery - Electrical Safety of Machines		-	Identical under single numbering
92	IS 15367 (Part 1):2003 Reviewed In : 2023	Bulk handling equipment - Stacker (Rail Mounted): Part 1 general requirements	February, 2023	-	Indigenous
93	IS 15367 (Part 2):2003 Reviewed In: 2023	Bulk handling equipment - Stacker (Rail Mounted): Part 2 data to be furnished by the purchaser	February, 2023	-	Indigenous
94	IS 15367 (Part 3):2003 Reviewed In : 2023	Bulk handling equipment - Stacker (Rail Mounted): Part 3 data to be furnished by the manufacturer/supplier	February, 2023	-	Indigenous
95	IS/ISO 15817:2012 ISO 15817 : 2012	Earth-Moving Machinery - Safety Requirements for Remote Operator		-	Identical under single numbering

1	ISO 15817:2012	Control Systems			I
96				_	Identical under single
	53.100	and Tying-Down Attachment			numbering
	ISO 15818:2017	Points - Performance			
		Requirements			
97	IS/ISO 15998:2008	Earth-Moving Machinery -		-	Identical under single
	ISO 15998 : 2008	Machine-Control Systems (MCS)			numbering
	ISO 15998:2008	Using Electronic Components -			
		Performance Criteria and Tests for			
		Functional Safety			
98	IS/ISO 16001:2017	Earth-Moving Machinery - Object		-	Identical under single
	ISO 16001 : 2017	Detection Systems and Visibility			numbering
	ISO 16001:2017	Aids - Performance Requirements			
		and Tests			
99	IS 16479:2020	Performance Requirements and	March, 2025	1	Modified/Technically
		Test Procedures of Braking	,		Equivalent
	Reviewed In: 2025	Systems for Wheeled or High-			1 1
	ISO 3450:2011	Speed Rubber Tracked Earth			
		Moving Machines and			
		Construction Equipment Vehicles (
		First Revision)			
100	IS 16480:2018	Earth moving machinery - Rubber	January, 2023	-	Not Equivalent
		tyred machines - Steering	•		
	Reviewed In: 2023	requirements			
	iso 5010:2007				
101	IS 17055 (Part	Earth-Moving Machinery - Safety	March, 2024	1	Indigenous
	1):2019	Part 1 General Requirements			
	ISO 20474-2 : 2017				
	Reviewed In: 2024				
102	IS 17055 (Part	Earth-Moving Machinery - Safety	March, 2025	-	Not Equivalent
	2):2020	Part 2 Requirements for Tractor			
		Dozers (second revision)			
	Reviewed In: 2025				
102	ISO 20474-2		D 1 2022		T1 .' 1 1 ' 1
103		Earth - Moving machinery - Safety:	December, 2023	-	Identical under single
	3):2018	Part 3 requirements for loaders			numbering
	Reviewed In: 2023				
	20474 Part 3 :2017				
104		Earth-Moving Machinery — Safety	March, 2025	_	Not Equivalent
104	4):2020	Part 4 Requirements for Backhoe	141d1011, 202J		Two Equivalent
	7).2020	Loaders (Second Revision)			
	Reviewed In: 2025				
	ISO 20474-4				
105		Earth - Moving machinery - Safety:	December, 2023	-	Identical under single
	5):2018	Part 5 requirements for hydraulic	,		numbering
	,	excavators			
	Reviewed In: 2023				
	ISO 20474 Part				
	5:201			<u> </u>	
106	IS 17055 (Part	Earth - Moving Machinery - Safety		1	Not Equivalent
	6):2021	Part 6 Requirements for Dumpers			
		(Second Revision)			
	ISO 20474-6				
107		Earth-Moving Machinery — Safety	March, 2025	-	Not Equivalent
	7):2020	Part 7 Requirements for Scrapers (
		Second Revision)			
	Reviewed In: 2025				
	ISO 20474-7				

108	IS 17055 (Part 8):2020 Reviewed In : 2025 ISO 20474-8	Earth-Moving Machinery — Safety Part 8 Requirements For Graders (Second Revision)	March, 2025	-	Not Equivalent
109	IS 17055 (Part 9):2020	Earth-Moving Machinery — Safety Part 9 Requirements for Pipelayers (Second Revision)	March, 2025	-	Not Equivalent
	Reviewed In: 2025 ISO 20474-9				
110	IS 17055 (Part 10):2020	Earth-Moving Machinery — Safety Part 10 Requirements for Trenchers (Second Revision)	March, 2025	-	Not Equivalent
	Reviewed In: 2025 ISO 20474-10				
111	IS 17055 (Part 11):2020	Earth-Moving Machinery — Safety Part 11 Requirements for Earth and Landfill Compactors (Second	March, 2027	-	Not Equivalent
	Reviewed In: 2027 ISO 20474-11	Revision)			
112	12):2020	Earth-Moving Machinery — Safety Part 12 Requirements for Cable Excavators (Second Revision)	March, 2025	-	Not Equivalent
	Reviewed In: 2025 ISO 20474-12				
113	IS 17055 (Part 13):2020	Earth-Moving Machinery — Safety Part 13 Requirements for Rollers (Second Revision)	March, 2025	-	Not Equivalent
	Reviewed In: 2025 ISO 20474-13				
114	IS 17055 (Part 15):2020 ISO 20474-15 : 2019 Reviewed In : 2025 iso 20474-15	Earth-Moving Machinery â€" Safety Part 15 Requirements for Compact Tool Carriers	March, 2025	-	Identical under single numbering
115	IS/ISO 17063:2003 ISO 17063 : 2003 Reviewed In : 2023 ISO 17063 : 2003	Earth - Moving machinery - Braking systems of pedestrian - Controlled machines - Performance requirements and test procedures	July, 2023	-	Identical under single numbering
116	IS 17522:2021 ISO 22878 : 2004 22878	Castors and Wheels -Test Methods and Apparatus		-	Identical under dual numbering
117	IS 17523:2021 ISO 22879 : 2016 22879	Castors and Wheels - Requirements for Castors for Furniture		-	Identical under dual numbering
118	IS 17524:2021 ISO 22880 : 2016 22880	Castors and Wheels - Requirements for Castors for Swivel Chairs		-	Identical under dual numbering
119	IS/ISO 19014-1:2018	Earth-Moving Machinery - Functional Safety Part 1 Methodology to Determine Safety- related Parts of the Control System and Performance Requirements	October, 2024	-	Identical under single numbering
120	IS/ISO 19014-3:2018 ISO 19014-3 : 2018 Reviewed In : 2025	Earth-Moving Machinery - Functional Safety Part 3 Environmental Performance and Test Requirements of Electronic and Electrical Components Used in	January, 2025	-	Identical under single numbering

1	1	Safety-Related Parts of the Control		1	1
		System			
121	IS 19092 (Part	EARTH-MOVING MACHINERY		_	Identical under dual
	2):2025	FUNCTIONAL SAFETY PART			numbering
	ISO 19014-2:2022	2: DESIGN AND EVALUATION			
	ISO 19014-2:2022	OF HARDWARE AND			
		ARCHITECTURE			
		REQUIREMENTS FOR SAFETY-			
		RELATED PARTS OF THE			
		CONTROL SYSTEM			
122	IS 19092 (Part	Earth-Moving Machinery ï;1/2		-	Identical under dual
	4):2025	Functional Safety Part 4 Design			numbering
	ISO 19014-4:2020	and Evaluation of Software and			
	ISO 19014-4:2020	Data Transmission for Safety			
		Related Parts of the Control			
		System			
123	IS 19092 (Part	EARTH-MOVING MACHINERY		-	Identical under dual
	5):2025	FUNCTIONAL SAFETY PART			numbering
	ISO 19014-5:2021	5: TABLES OF PERFORMANCE			
	ISO 19014-5:2021	LEVELS			
124	IS 19093 (Part	EARTH-MOVING MACHINERY		-	Identical under dual
	1):2025	COLLISION WARNING AND			numbering
	ISO 21815-1 : 2022	AVOIDANCE PART 1:			
	ISO 21815-1:2022	GENERAL REQUIREMENTS			
125	IS 19094 (Part	EARTH-MOVING MACHINERY		-	Identical under dual
	1):2025	OPERATOR ENCLOSURE			numbering
	ISO 10263-1:2009	ENVIRONMENT PART 1			
	ISO 10263-1:2009	TERMS AND DEFINITIONS			
		(Adoption of ISO 10263-1)			
126	IS 19094 (Part	EARTH-MOVING MACHINERY		-	Identical under dual
	6):2025	OPERATOR ENCLOSURE			numbering
	ISO 10263-6:2009	ENVIRONMENT PART 6:			
	ISO 10263-6:2009	DETERMINATION OF EFFECT			
		OF SOLAR HEATING			
127	IS/ISO	Earth-Moving Machinery -		-	Identical under single
	19104-1:2018	Functional Safety Part 1			numbering
	_	Methodology to Determine Safety-			
	19104-1	related Parts of the Control System			
	VO 40400 0000	and Performance Requirements		1	
128	IS 19108:2025	EARTH-MOVING MACHINERY		-	Identical under dual
	ISO 24410:2020	COUPLING OF			numbering
	ISO 24410:2020	ATTACHMENTS TO SKID			
120	IC 10151 2025	STEER LOADERS		1	T1 .' 1 1 1 1
129	IS 19154:2025	EARTH MOVING MACHINERY		-	Identical under dual
	ISO 6165:2022	BASIC TYPES			numbering
	ISO 6165:2022	IDENTIFICATION AND			
120	IS/ISO 21507:2010	VOCABULARY Forth Moving machinery	Ootobor 2022	+	Identical under simple
130		Earth - Moving machinery -	October, 2023	-	Identical under single
	Reviewed In : 2023	Performance requirements for non - Metallic fuel tanks			numbering
	ISO 21507 : 2010	- ivietaine ruei tanks			
131	IS/ISO 22877:2004	Castors and wheels - Vocabulary,	February, 2021	+	Identical under single
131	ISO 22877.2004	symbols and multilingual	1 Cornary, 2021	1	numbering
1	Reviewed In: 2021	terminology			numbering
	ISO 22877 : 2004	terminology			
132		Castors and wheels - Requirements	March, 2023		Identical under single
132	Reviewed In : 2023	for applications upto 1.1 m/s (4	141a1C11, 2023		numbering
1	ISO 22883 : 2004	Km/h)			numbering
133		Castors and wheels - Requirements	February, 2023	-	Identical under single
1			,	I	1

	Reviewed In: 2023	for applications over 1.1 m/s (4		I	numbering
	ISO 22884 : 2004	Km/h) and up to 4.4 m/s (16			namoering
		Km/h)			
134	IS/ISO 2330:2002	Fork-Lift Trucks - Fork Arms -	August, 2024	-	Identical under single
	ISO 2330 : 2002	Technical Characteristics and			numbering
	Reviewed In: 2024	Testing			
105	ISO 2330:2002				Y 11
135	IS 2431:2022	Specification for steel		-	Indigenous
		wheelbarrows single-wheel type (first revision)			
136	IS/ISO 2867:2011	Earth - Moving machinery - Access	March, 2022	_	Identical under single
130	ISO 2867 : 2011	systems	17101011, 2022		numbering
	Reviewed In: 2022				
	ISO 2867: 2011				
137	IS/ISO 3411:2007	Earth - Moving machinery -		-	Identical under single
	ISO 3411 : 2007	Physical dimensions of operators			numbering
	ISO 3411:2007	and minimum operator space			
120	10/100 2440 2007	envelope	0 / 1 2022		T1 .' 1 1 ' 1
138	IS/ISO 3449:2005 Reviewed In : 2022	Earth - Moving machinery - Falling - Opject protective structures -	October, 2022	-	Identical under single numbering
	ISO 3449 : 2005	Laboratory tests and performance			numbering
	150 5447 . 2005	requirements			
139	IS/ISO 3457:2003	Earth - Moving machinery -	March, 2024	-	Identical under single
	ISO 3457 : 2003	Guards - Definitions and			numbering
	Reviewed In: 2024	requirements			
	ISO 3457 : 2003				
140	IS/ISO3471	Earth-Moving Machinery - Roll-	March, 2022	-	Identical under single
	3471:2008	Over Protective Structures-			numbering
	ISO 3471 : 2008 Reviewed In : 2022	Laboratory Tests and Performance			
	ISO 3471 : 2008	Requirements			
141	IS/ISO 3795:1989	Road Vehicles and Tractors and	November, 2022	_	Identical under single
	ISO 3795 : 1989	Machinery for Agriculture and			numbering
	Reviewed In: 2022	Forestry - Determination of			
	ISO 3795:1989	Burning Behaviour of Interior			
		Materials			
142	IS 4184:2023	Steel Wheelbarrows (with Two		-	Indigenous
		Wheels) - Specification (First			
143	15/ISO 4250 3·2020	Revision) Earth mover tyres and rims- Part 3:	January, 2025		Indigenous
143	Reviewed In : 2025	Rims Adoption of ISO 4250 Part	January, 2023	_	margenous
	Reviewed III . 2023	3:2020 First Revision			
144	IS 4616:1968	Specification for sheepsfoot roller	January, 2025	-	Indigenous
	Reviewed In: 2025		·		
	Decision taken to				
	Reaffirm and				
115	Archive		1 2022		
145	IS/ISO 4871:1996 ISO 4871 : 1996	Acoustics - Declaration and Verification of Noise Emission	November, 2022	-	Identical under single
	Reviewed In : 2022	Values of Machinery and			numbering
	ISO 4871:1996	Equipment			
146	IS/ISO5006	Earth-Moving Machinery -	February, 2023	-	Identical under single
	5006:2017	Operators Field of View - Test	3 /		numbering
	ISO 5006 : 2017	Method and Performance Criteria			
	Reviewed In: 2023	(First Revision)			
	ISO5006 : 2006				
147	IS/ISO 5010:2019	Earth-Moving Machinery -	September, 2023	-	Identical under single
	ISO 5010 : 2019	Wheeled Machines Steering			numbering
	Reviewed In: 2023	Requirements (first revision)			

	ISO 5010:2019			I	
148	IS 5324:2023	Hand-Operated Stillage Truck -		-	Indigenous
		Lifting Truck (Hand Elevating) -			
		Specification (Third Revision)			
149	IS 5387:2022	DIMENSIONS FOR STILLAGES		-	Indigenous
		(First revision)			_
150	IS 5500 (Part	Vibratory roller - General	May, 2020	1	Indigenous
	1):2004	requirements: Part 1 self -			
	Reviewed In: 2020	Propelled tandem drum (Second			
		Revision)			
151	IS 5500 (Part	Vibratory roller - General	May, 2020	-	Indigenous
	2):2004	requirements: Part 2 self -			
	Reviewed In: 2020	Propelled single drum (Third			
		Revision)			
152	IS 5501:2021	Specification for Pneumatic Tyred		-	Indigenous
		Roller (first revision)			
153	IS 5502:2023	SMOOTH-WHEELED DIESEL		-	Indigenous
		ROAD ROLLER - GENERAL			
		REQUIREMENTS Third Revision			- 11
154	IS 5972:2022	GLOSSARY OF PNEUMATIC		-	Indigenous
		AND HYDRAULIC			
		CONVEYING TERMS AND			
		DEFINITIONS First revision of IS			
1.5.5	10,000 <011,000	5972	1 2022		X1 1 1 1
155		Earth - Moving machinery - Visual	March, 2022	-	Identical under single
	ISO 6011 : 2003	display of machine operation			numbering
	Reviewed In : 2022				
156	ISO 6011 : 2003 IS/ISO 6014:1986	Earth - Moving machinery -	November, 2022		Identical under single
130	ISO 6014:1986	Determination of ground speed	November, 2022	-	Identical under single
	Reviewed In : 2022	Determination of ground speed			numbering
	ISO 6014 : 1986				
157	IS/ISO 6016:2008	Earth-Moving Machinery â€"		_	Identical under single
157	ISO 6016:2008	Methods of Measuring the Masses			numbering
	ISO 6016:2008	of Whole Machines, their			numbering
	150 0010.2000	Equipment and Components			
158	IS/ISO 6393:2008	Earth - Moving machinery -	March, 2023	_	Identical under single
100	ISO 6393 : 2008	Determination of sound power	1141411, 2025		numbering
	Reviewed In: 2023	level - Stationary test conditions			
	ISO 6393 : 2008				
159	IS/ISO 6394:2008	Earth Moving Machinery-	March, 2023	-	Identical under single
	ISO 6394 : 2008	Determination of Emission Sound	,		numbering
	Reviewed In: 2023	Pressure Level at Operator's			
	ISO 6394 : 2008	Position- Stationary Test			
		Conditions			
160	IS/ISO 6395:2008	Earth - Moving machinery -	March, 2022	-	Identical under single
	ISO 6395 : 2008	Determination of sound power			numbering
	Reviewed In: 2022	level - Dynamic test conditions			
	ISO 6395 : 2008				
161	IS/ISO 6396:2008	Earth-Moving Machinery -	March, 2022	-	Identical under single
	ISO 6396 : 2008	Determination of Emission Sound			numbering
	Reviewed In: 2022	Pressure Level at Operator's			
	ISO 6396 : 2008	Position - Dynamic Test			
		Conditions			
162		Earth - Moving machinery symbols	March, 2022	-	Identical under single
	ISO 6405-1 : 2017	for operator controls and other			numbering
	Reviewed In: 2022	displays: Part 1 common symbols			
	ISO 6405-1:2017	(First Revision)		1	
163	IS/ISO 6405-2:2017	Earth - Moving machinery -	March, 2022	-	Identical under single

ISO 6683:2005 Belrs and Sear Belt Anchorages Performance Requirements and Tests ISO 6747:2013 Earth - Moving machinery, tractor January, 2023 January, 2023 Iden ISO 6747:2013 ISO 6747:2019 Earth-Moving Machinery September, 2023 ISO 6747: 2013 Reviewed In: 2023 ISO 6750-1:2019 Earth-Moving Machinery September, 2023 Iden ISO 6750-1:2019 ISO 6750-1:2019 Earth-Moving Machinery September, 2023 Iden Iso 6830 (Part 2013) Earth-Moving Machinery Power Earth-Moving Machinery Iso 6830 (Part 2)2022 Earth-Moving Machinery Earth-Moving Machinery Iso 7096:2020 Earth-Moving Machinery Iso 7096:2020 Earth-Moving Machinery Iso 7096:2020 Earth-Moving Machinery Iso 7096:2020 Earth-Moving Machinery Iso 7131:2009 Earth-Moving Machinery March, 2022 Iden Iso 7131:2009 Earth-Moving Machinery Iso 7131:2009 Earth-Moving machinery Iso 7131:2009 Earth-Moving machinery Iso 7131:2009 Earth-Moving machinery Iso 7133:2013 Iso 7133:2013 Earth Eart	numbarina
ISO 6405-2:2017 specific machines, equipment and accessories (First Revision) Earth-Moving Machinery - Seat Iden Iden	numbering
164	
ISO 6683 : 2005 Performance Requirements and Tests So 6683 : 2005 Performance Requirements and Tests So 6747 : 2013 Earth - Moving machinery, tractor ISO 6747 : 2013 So 6747 : 2013 So 6747 : 2019 So 6750 - 1 : 2019 So 7096 : 2020 Earth-Moving Machinery - Laboratory Evaluation of Operator Seat Vibration of First Revision Seat Vibration of First Revision Seviewed In : 2022 So 7096 : 2020 So 7096 : 2020 Earth-Moving Machinery - Operator Training - Content and Methods So 7131 : 2009 So 7131 : 2009 Earth-Moving machinery - Loaders - Terminology and Reviewed In : 2022 So 7033 : 2013 So 7133 : 2013 So 7134 : 2013 So 7135 : 2009 So 6740 : So 7451 : 2009 So 67451 : 2007 So 67451 : 2007 So 67451 : 2007 So 67457 : 1997 So 7457 : 1997	Identical under single
180 6683:2005 Performance Requirements and Tests	numbering
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165 15/18O 6747: 2013 Earth - Moving machinery Tractor 18O 6747: 2013 18O 6747: 2013 18O 6747: 2013 18O 6747: 2013 18O 67547: 2014 18O 6750-12019 18O 7006: 2020 18O 7013: 2009 18O 7131: 2009 18O 7131: 2009 18O 7131: 2009 18O 7131: 2009 18O 7133: 2013 18O 7134: 2013 18O 7134	
Reviewed In: 2023 Commercial specification ISO 6747: 2013 Earth-Moving Machinery - perator's manual Part I Contents and Format (first revision) ISO 6750-1: 2019 Commercial specifications (First Reviewed In: 2023 ISO 6750-1: 2019 Commercial specifications (First Revision) ISO 7096: 2020 Earth-Moving Machinery — January, 2025 Iden Reviewed In: 2025 Reviewed In: 2025 Reviewed In: 2022 ISO 7131: 2009 Earth - Moving machinery - Loaders - Terminology and commercial specifications (First Revision) ISO 7133: 2013 Reviewed In: 2022 ISO 7133: 2013 Reviewed In: 2022 ISO 7133: 2013 Reviewed In: 2022 ISO 7134: 2013 Reviewed In: 2022 ISO 7135: 2013 Earth - Moving machinery - Revision) ISO 7134: 2013 Earth - Moving machinery - Revision Reviewed In: 2022 ISO 7135: 2009 Revision Reviewed In: 2025 ISO 7135: 2009 ISO 7134: 2013 Revision Revision Revision Revision Revision ISO 7135: 2009 Revision Revision Revision Revision Revision ISO 7135: 2009 Revision ISO 7135: 2009 Revision Revision Revision Revision ISO 7135: 2009 Revision ISO 7135: 2009 Revision Revision Revision Revision Revision Revision ISO 7135: 2009 Revision Revision Revision Revision ISO 7135: 2009 Revision Revision Revision Revision Revision ISO 7135: 2009 Revision Revision Revision Revision Revision Revision Revision ISO 7135: 2009 Revision ISO 7135: 2009 Revision Revision Revision Revision Revision ISO 7457: 1997 Reviewed In: 2023 ISO 7457: 1997 Reviewed In: 2023 ISO 7457: 1997 Reviewed In: 2023 ISO 7457: 1997 Reviewed In: 2022 ISO 7457: 1997	Identical under single
ISO 6747 : 2013	numbering
Iso	_
ISO 6750-1: 2019 April	
Reviewed In: 2023 So 6750-1:2019 So 6839 (Part 2):2022 POWERED MATERIALS HANDLING EQUIPMENT PART 2 HANDTRUCKS AND TROILEYS First Revision Seat Vibration (First Revision)	dentical under single
180 6750-1:2019 GLOSSARY OF TERMS 2):2022 RELATING TO NON- POWERED MATERIALS HANDTRUCKS AND TROLLEYS First Revision Sor 7096: 2020 Laboratory Evaluation of Operator Seat Vibration (First Revision) Sor 7096: 2020 Laboratory Evaluation of Operator Seat Vibration (First Revision) Sor 7130: 2013 Sor 7131: 2009 Reviewed In : 2022 Caders - Terminology and Caders - Terminology and Reviewed In : 2022 Sor 7131: 2009 Reviewed In : 2022 Sor 7131: 2009 Reviewed In : 2022 Sor 7133: 2013 Reviewed In : 2022 Sor 7133: 2013 Reviewed In : 2022 Sor 7134: 2013 Sin Sor 7135: 2009 Reviewed In : 2022 Sor 7134: 2013 Revision Sor 7134: 2013 Sor 7135: 2009 Reviewed In : 2022 Sor 7134: 2013 Revision Sor 7135: 2009 Reviewed In : 2022 Sor 7135: 2009 Reviewed In : 2025 Sor 7135: 2009 Sor 7457: 1997 Reviewed In : 2025 Sor 7457: 1997 Reviewed In : 2022 Sor 7457: 1997 Sor 7457: 1997 Reviewed In : 2022 Sor 7457: 1997 Reviewed In : 2022 Sor 7457: 1997 Sor 7457: 1997 Reviewed In : 2022 Sor 7457: 1997 So	numbering
167	
168 IS/ISO 7096:2020 RELATING TO NON-POWERED MATERIALS HANDLING EQUIPMENT PART 2 HANDTRUCKS AND TROLLEYS First Revision Earth-Moving Machinery — Laboratory Evaluation of Operator Reviewed In : 2025 7096:2020 Reviewed In : 2022 N/A 170	
POWERED MATERIALS	Indigenous
HANDLING EQUIPMENT PART 2 HANDTRUCKS AND TROLLEYS First Revision Iso 7096; 2020 Earth-Moving Machinery — Laboratory Evaluation of Operator Seat Vibration (First Revision) Iso 7096; 2020 Earth-Moving Machinery — Operator Training - Content and Reviewed In : 2022 N/A Operator Training - Content and Reviewed In : 2022 N/A Operator Training - Content and Reviewed In : 2022 N/A Operator Training - Content and Reviewed In : 2022 N/A Operator Training - Content and Reviewed In : 2022 N/A Operator Training - Content and Reviewed In : 2022 N/A Operator Training - Content and Reviewed In : 2022 So 7131 : 2009 Earth - Moving machinery - Loaders - Terminology and commercial specifications (First ISO 7133 : 2013 Earth - Moving machinery - Scrapers - Terminology and commercial specifications (First Revision) So 7133 : 2013 Earth - Moving machinery - Graders - Terminology and commercial specifications (First Revision) Earth - Moving machinery - Hydraulic excavators - Terminology and commercial - Specifications (First Revision) Earth - Moving machinery - Hydraulic excavators - Terminology and commercial - Specifications (First Revision) Earth - Moving machinery - Hydraulic excavators - Terminology and commercial - Specifications (First Revision) Earth - Moving machinery - Hydraulic excavators - Terminology and commercial - Specifications (First Revision) Earth - Moving machinery - November, 2023 Iden SI/SIO 7451 : 2007 Earth - Moving machinery - November, 2022 Iden SI/SIO 7451 : 2007 Earth - Moving machinery - November, 2022 Iden SI/SIO 7457 : 1997 Earth - Moving machinery - November, 2022 Iden SI/SIO 7457 : 1997 Earth - Moving machinery - November, 2022 Iden SI/SIO 7457 : 1997 Earth - Moving machinery - November, 2022 Iden SI/SIO 7457 : 1997 Earth - Moving machinery - November, 2022 Iden SI/SIO 7457 : 1997 Earth - Moving machinery - November, 2022 Iden SI/SIO 7457 : 1997 Iden SI/SIO 7457 : 1997 Iden SI/SIO 7457 : 1997 Iden SI/SIO 7457	
168 IS/ISO 7096:2020 Earth-Moving Machinery — Laboratory Evaluation of Operator Seat Vibration (First Revision) Sor 7096:2020 Earth-Moving Machinery — Laboratory Evaluation of Operator Seat Vibration (First Revision) Seat Vibration	
TROLLEYS First Revision Earth-Moving Machinery - Laboratory Evaluation of Operator Seat Vibration (First Revision)	
168	
ISO 7096 : 2020 Reviewed In : 2025 7096:2020 Seat Vibration (First Revision) Reviewed In : 2022 SISO 7130: 2009 Reviewed In : 2022 ISO 7131 : 2009 Reviewed In : 2022 ISO 7133 : 2013 Reviewed In : 2022 ISO 7134 : 2013 Reviewed In : 2022 ISO 7134 : 2013 Reviewed In : 2022 ISO 7135 : 2009 Reviewed In : 2022 ISO 7135 : 2009 Reviewed In : 2022 ISO 7135 : 2009 Reviewed In : 2025 ISO 7135 : 2009 Reviewed In : 2025 ISO 7457 : 1997 Reviewed In : 2022 ISO 7457 : 1997 Earth - Moving machinery - Volumetric ratings for hoe - Type and grab - Type buckets of hydraulic excavators and backhoe loaders Iso 7457 : 1997 Earth - Moving machinery - Determination of turning dimensions of wheeled machines November, 2022 Iden Iden	
Reviewed In : 2025	Identical under single
169 IS/ISO 7130:2013 Earth-Moving Machinery - Operator Training - Content and Reviewed In : 2022 N/A 170 IS/ISO 7131:2009 Earth - Moving machinery - Loaders - Terminology and commercial specifications (First ISO 7131: 2009 Earth - Moving machinery - Reviewed In : 2022 ISO 7133: 2013 Earth - Moving machinery - Scrapers - Terminology and commercial specifications (First ISO 7133: 2013 Earth - Moving machinery - Scrapers - Terminology and commercial specifications (First Revision) 172 IS/ISO Earth - Moving machinery - Graders - Terminology and commercial - Specifications (First Revision) ISO 7134: 2013 Reviewed In : 2022 ISO 7134: 2013 Reviewed In : 2022 ISO 7135: 2009 Earth - Moving machinery - Hydraulic execavators - Hydraulic execavators - Terminology and commercial specifications (First Revision) ISO 7135: 2009 Earth - Moving machinery - Hydraulic execavators - Terminology and commercial specifications (First Reviewed In : 2023 ISO 7451: 2007 Earth - Moving machinery - March, 2023 Iden Iso 7451: 2007 Earth - Moving machinery - March, 2023 Iden Iso 7451: 2007 Earth - Moving machinery - Iso 7457: 1997 Determination of turning Earth - Moving machinery - Determination of turning Iden Iden	numbering
169	
Reviewed In : 2022 Network Ni/A	
Reviewed In : 2022 Methods N/A	Identical under single
N/A 170 IS/ISO 7131:2009 Earth - Moving machinery - Loaders - Terminology and commercial specifications (First ISO 7131:2009 Earth - Moving machinery - Reviewed In: 2022 Scrapers - Terminology and commercial specifications (First ISO 7133:2013 Earth - Moving machinery - Scrapers - Terminology and commercial specifications (First ISO 7133: 2013 Reviewed In: 2022 ISO 7133: 2013 Revision)	numbering
170	
ISO 7131 : 2009	(dantical under single
Reviewed In : 2022	Identical under single numbering
ISO 7131 : 2009	numbering
171	
ISO 7133 : 2013 Scrapers - Terminology and commercial specifications (First ISO 7133 : 2013 Revision)	Identical under single
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ISO 7133 : 2013 Revision)	numbering
172	
T134-1993:2013 Graders - Terminology and commercial - Specifications (First Revision)	dentical under single
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ISO 7135 : 2009 specifications 174 IS/ISO 7451:2007 Earth - Moving machinery - March, 2023 - Iden Reviewed In : 2023 Volumetric ratings for hoe - Type and grab - Type buckets of hydraulic excavators and backhoe loaders 175 IS/ISO 7457:1997 Earth - Moving machinery - Determination of turning Reviewed In : 2022 ISO 7457 : 1997 dimensions of wheeled machines	S
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175 IS/ISO 7457:1997 Earth - Moving machinery - November, 2022 - Iden Solve Tiso 7457:1997 Reviewed In: 2022 ISO 7457:1997 ISO 7457:1997 ISO 7457:1997 ISO 7457:1997	
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ISO 7457 : 1997	numbering
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176 IS 8015:2023 Hand Trolley for Oil Drums -	Indigenous
Specification (Second Revision)	
177 IS 8016:2023 Hand Trolley for Gas Cylinders -	Indigenous

		(Oxygen and Dissolved Acetylene)			
		for Industrial use - Specification			
		(First Revision)			
178	IS 8049:2023	Platform Trucks - Specification		-	Indigenous
		(Third Revision)			
179	IS/ISO 8643:2017	Earth - Moving machinery -	-	-	Identical under single
	ISO 8643 : 2017	Hydraulic excavator and backhoe			numbering
	ISO 8643:2017	loader boom lowering control			
		device - Requirements and tests			
		(First Revision)			
180	IS 8647:2023	Design Criteria for Pneumatic		-	Indigenous
		Conveying Systems (First			
		Revision)			
181	IS/ISO 8811:2000	Earth - Moving machinery -	March, 2024	-	Identical under single
	ISO 8811 : 2000	Rollers and compactors -	,		numbering
	Reviewed In: 2024	Terminology and commercial			
	ISO 8811:2000	specification			
182	IS/ISO 9244:2008	Earth - Moving machinery -	March, 2022	-	Identical under single
	ISO 9244 : 2008	Machine safety labels - General	,		numbering
	Reviewed In: 2022	principles			
	ISO 9244 : 2008				
183	IS/ISO 9248:1992	Earth - Moving machinery - Units	November, 2022	-	Identical under single
	Reviewed In: 2022	for dimensions, performance and			numbering
	ISO 9248 : 1992	capacities, and their measurement			
		accuracies			
184	IS/ISO 9249:2007	Earth - Moving machinery - Engine	March, 2023	-	Identical under single
	ISO 9249 : 2007	test code - Net power			numbering
	Reviewed In: 2023				
	ISO 9249 : 2007				
185	IS/ISO 9533:2010	Earth - Moving machinery -	March, 2022	-	Identical under single
	ISO 9533 : 2010	Machine Mounted audible travel			numbering
	Reviewed In: 2022	alarms and forward horns - Test			
	ISO 9533 : 2010	methods and performance criteria			
186	IS 9776:2023	DATA SHEET FOR SELECTION		-	Indigenous
		OF WEIGHING-CUM-			
		TIPPINGBAG FILLING			
		MACHINES FOR BULK			
		HANDLING (First Revision)			
187	IS 9777:2023	DATA SHEET FOR SELECTION		-	Indigenous
		OF WEIGH-BRIDGES FOR			
		BULK HANDLING			
		EQUIPMENT (First Revision)			

Standards under Development

		Projects Approved	
SI. No.	Doc No.	Title	
No Records Found			

	Preliminary Draft Standards				
SI. No.	Doc No.	Title			
1	MED 7 (27186)	EARTH-MOVING MACHINERY PRODUCT IDENTIFICATION NUMBERING SYSTEM			
2	MED 7 (27187)	EARTH-MOVING MACHINERY - TIP-OVER PROTECTION STRUCTURE TOPS FOR COMPACT EXCAVATORS - LABORATORY TESTS AND PERFORMANCE REQUIREMENTS			
3	MED 7 (27188)	EARTH-MOVING MACHINERY HYDRAULIC BREAKERS TERMINOLOGY AND			

		COMMERCIAL SPECIFICATIONS
4	MED 7 (27199)	EARTH-MOVING MACHINERY OPERATORS MANUAL PART 2 LIST OF REFERENCES

		Drafts Standards in WC Stage			
SI. No.	SI. No. Doc No. Title				
	No Records Found				

		Draft Standards Completed WC Stage	
SI. No.	Doc No.	Title	
No Records Found			

		Finalized Draft Indian Standard	
SI. No.	Doc No.	Title	
No Records Found			

		Finalized Draft Indian Standards under Print			
SI. No.	Doc No.	Title			
	No Records Found				

Total Published Standards:174 Total Standards Under development:4

Aspect Wise Report

Product: 79
Code of Practices: 16
Methods of Test: 24
Terminology: 14
Dimensions: 9
System Standard: 1
Safety Standard: 8
Others: 30

 $\begin{array}{c} \text{Service Specification}: 0 \\ \text{Process Specification}: 2 \\ \text{Unclassified}: 0 \end{array}$

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 10280:1993	Earth-moving machinery - Operation and maintenance - Format and content of manuals
2	IS 10704:1999	Earth-Moving Machinery - Access Systems
3	IS 11114 (Part 1):1993	Mobile equipment for continuous handling of bulk mateirals Part 1 Rules for the design of steel structures
4	IS 11114 (Part 4):1993 ISO 7131	Earth-moving Machinery - Definitions of Dimensions and Symbols - Part 4 Loaders - Terminology and Commercial Specifications
5	IS 11115:1999 ISO 3411 Reviewed In : 2018	Earth-Moving Machinery - Human Physical Dimensions of Operators and Minimum Operator Space Envelope
6	IS 12138:1993 ISO 6175 Reviewed In : 2009	Earth-moving machinery - Basic types - Vocabulary
7	IS 12192:1993	Earth-moving Machinery - Hydraulic Excavators - Hoe Type Buckets - Volumetric Ratings

l	ISO 7451	
	Reviewed In: 2009	
8	IS 12209:1993	Earth - Moving machinery - Guide to procedure for operator training First Revision
	ISO 7130	
	Reviewed In: 2018 ISO	
	7130:1981	
9	IS 12509:1988	Earth - Moving machinery - Lighting signaling and marking lights and reflex - Reflector devices
	Reviewed In: 2020 ANSI	
	IEEE 309	
10	IS 13116:2006	Earth - Moving machinery - Engine test code - Net power Second Revision
	ISO 9249	
	Reviewed In: 2022 ISO	
	9249:1997	
11	IS 13769:1993	Earth moving machinery - Falling-object protective structures - Laboratory tests and performance
		requirements
12	IS/ISO 20474-1:2008	Earth Moving Machinery Safety Part 1 General Requirements
	Reviewed In: 2018	
13	IS/ISO 20474-2:2008	Earth-Moving Machinery Safety Part 2 Requirements for Tractor-Dozers
	ISO 20474_2 :2008	
	Reviewed In: 2018 ISO	
	20474 2:2008	
14	IS/ISO 20474-3:2008	Earth-Moving Machinery Safety Part 3 Requirements for Loaders
	ISO 20474_3 :2008	
	Reviewed In: 2018 ISO	
	20474_3 :2008	
15	IS/ISO 20474-4:2008	Earth-moving Machinery safetyPart 4 Requirements For Backhoe Loaders
	ISO 20474 : PART 4 : 2008	
	Reviewed In: 2018 ISO	
	20474 : PART 4 : 2008	
16	IS/ISO 20474-5:2008	Earth-Moving Machinery Safety Part 5 Requirements for Hydraulic Excavators
	ISO 20474_5 :2008	
	Reviewed In: 2018 ISO	
	20474_5 :2008	
17	IS/ISO 20474-6:2008	Earth-Moving Machinery Safety Part 6 Requirements for Dumpers
	ISO 20474_6 :2008	
	Reviewed In: 2018 ISO	
	20474_6 :2008	
18	IS/ISO 20474-7:2008	Earth-Moving Machinery - Safety Part 7 Requirements for Scrapers
	ISO 20474-7 : 2008	
	Reviewed In: 2014 ISO	
	20474-7 : 2008	
19	IS/ISO 20474-8:2008	Earth-Moving Machinery - Safety Part 8 Requirements for Graders
	ISO 20474-8 : 2008	
	Reviewed In: 2017 N/A	
20	IS/ISO 20474-9:2008	Earth-Moving Machinery - Safety Part 9 Requirements for Pipelayers
	ISO 20474-9 : 2008	
	Reviewed In: 2014 ISO	
	20474-9 : 2008	
21	IS/ISO 20474-10:2008	Earth-Moving Machinery - Safety Part 10 Requirements for Trenchers
	ISO 20474-10 : 2008	
	Reviewed In: 2015 ISO	
	20474-10 : 2008	
22	IS/ISO 20474-11:2008	Earth-Moving Machinery - Safety Part 11 Requirements for Earth and Landfill Compactors
	ISO 20474-11 : 2007	
	Reviewed In: 2015 N/A	
23	IS/ISO 20474-12:2008	Earth-Moving Machinery - Safety Part 12 Requirements for Cable Excavators
	ISO 20474-12 : 2008	
ı	Reviewed In: 2015 ISO	
	20474-12 : 2008	

24	IS/ISO 20474-13:2008	Earth-moving Machinery - Safety Part 13 Requirements for Rollers
	ISO 20474-13 : 2008	
	Reviewed In: 2015 ISO	
	20474-13 : 2008	
25	IS 4988 (Part 1):1969	Glossary of terms and classification of earth moving machinery Part 1 General terms
26	IS 4988 (Part 2):1968	Glossary of terms and classification of earth moving machinery Part 2 Dozers
	Reviewed In: 2012	
27	IS 4988 (Part 3):1968	Glossary of terms and classification of earth moving machinery Part 3 Motor and towed scrapper
	Reviewed In: 2012	
28	IS 4988 (Part 4):1968	Glossary of terms and classification of earth moving machinery Part 4 excavators
	Reviewed In: 2022	
29	IS 4988 (Part 5):1968	Glossary of terms and classification of earth moving machinery Part 5 Motor graders
	Reviewed In: 2012	
30	IS 5007:1988	Dimensions for hand pallet trucks
31	IS/ISO 509:1996	Hand pallet trucks - Dimensions
	Reviewed In: 2013	
32	IS 5769:1981	Coal cutting tools mushroom V-faced tungsten carbide tipped
	Reviewed In: 1992	
33	IS 5770:1982	Coal cutting tools mushroom flat-faced tungsten carbide tipped
	Reviewed In: 1992	
34	IS 5772:1982	Coal cutting tools parrot-beak flat faced tungsten carbide tipped
	Reviewed In: 1992	
35	IS 5773:1970	Coal cutting tools straight bar V and FV-faced tungsten carbide tipped
	Reviewed In: 1990	
36	IS 5774:1970	Coal cutting tools straight bar core breaker
	Reviewed In: 1990	
37	IS 5775:1970	Coal cutting tools radial flat faced tungsten carbide tipped
	Reviewed In: 1990	
38	IS 5854:1970	Coal cutting tools radial V and FV-faced tungsten carbide tipped
	Reviewed In: 1990	
39	IS 5855:1982	Coal cutting tools parrot-beak V and FV-faced tungsten carbide tipped
	Reviewed In: 1992	
40	IS/ISO 6165:2012	Earth - Moving machinery - Basic types - Identification and terms and definitions
	ISO 6165 : 2012	
	Reviewed In: 2022 ISO	
	6165 : 2012	
41	IS/ISO 6750:2005	Earth-moving machinery - operator s manual - Centent and format
	Reviewed In: 2018 ISO	
	6750 : 2005	
42	IS 6839 (Part 1):1994	Glossary of terms relating to non-powered materials handling equipment Part 1 Castors and wheel
	ISO 2163	
	Reviewed In: 2007	
43	IS 7261:1985	Dimensions of top-plates for castors
44	IS 7369:1983	Specification for wheels and castors First Revision
	Reviewed In: 2022	

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 10223:2023	General Requirements for Tow-castor System for Transportation of Freight Containers First
	ISO 15213-3 : 2024	Revision
2	IS/ISO 10263-4:2009	Earth - Moving machinery - Operator enclosure environment Part 4 heating ventilating and air
	ISO 10263-4 : 2009	conditioning HVAC test method and performance
	Reviewed In: 2023 ISO	
	10263-4:2009	
3	IS/ISO 10265:2008	Earth - Moving machinery - Crawler machines - Performance requirements and test procedures

I	ISO 10265 : 2008	for braking systems
	Reviewed In: 2022 ISO	5 7
	10265 : 2008	
4	IS 10303:1993	Earth moving machinery - Preservation and storage First Revision
	ISO 6749	
	Reviewed In: 2024	
	Decision taken to Reaffirm	
	and Archive ISO 6749:1984	
5	IS 10506:1996	Trolley for carrying jute bales - Specification First Revision
	Reviewed In: 2025	
	Decision taken to Reaffirm	
	and Archive	
6	IS 10525:2022	SPECIFICATION FOR GENERAL PURPOSE DRINKING WATER TROLLEY First Revision
	ISO 8000-130 : 2016	of IS 10525
7	IS/ISO 10532:1995	Earth - Moving machinery - Machine - Mounted retrieval device - Performance equirements
	ISO 10532 : 1995	
	Reviewed In: 2022 ISO	
	10532 : 1995	
8	IS/ISO 10533:1993	Earth - Moving machinery - Lift - Arm support devices
	ISO 10533 : 1993 Reviewed In : 2022 ISO	
	10533 : 1993	
9	IS 10856:1993	Earth - Moving machinery - Elevating scrapers - Volumetric ratings First Revision
9	ISO6484	Earth - Moving machinery - Elevating scrapers - Volumetric ratings First Revision
	Reviewed In : 2022 ISO	
	6484:1986	
10	IS 10859:1993	Earth - Moving machinery - Dumper bodies - Volumetric ratings First Revision
10	ISO 6483	Latin - Woving machinery - Dumper bodies - Volumente ratings i list Revision
	Reviewed In : 2023 ISO	
	6483:1980	
11	IS 11113:1999	Earth-moving machinery and tractors and machinery for agriculture and forestry - Seat index point
	ISO 5353	second revision
	Reviewed In: 2022 ISO	
	5353:1995	
12	IS 11252:1993	Earth - Moving machinery - Zones of comfort and reach for controls First Revision
	ISO 6682	
	Reviewed In: 2022 ISO	
	6682:1986	
13	IS 11496:1985	General and performance test requirements of pallet truck and stillage truck
	Reviewed In: 2025	
	Decision taken to Reaffirm	
1.4	and Archive	Fouth Marine Machines Accessing Att Electrical
14	IS/ISO 11862:1993	Earth-Moving Machinery - Auxiliary Starting Aid Electrical Connector
	ISO 11862 : 1993 Reviewed In : 2022 ISO	
	11862:1993	
15	IS 12137:2025	WAGON PULLER PUSHER - GENERAL REQUIREMENTS First Revision
13	13 12137:2023	WAUUN FULLER FUSHER - UENERAL REQUIREMEN 13 FIISI REVISION
16	IS 12206:1993	Earth - Moving machinery - Loader and front loading excavator buckets - Volumetric ratings First
	ISO 7546	Revision
	Reviewed In : 2022 ISO	1001000
	7546 :1983	
17	IS 12402 (Part 1):1988	Mobile containers for solid waste Part 1 general characteristics
	Reviewed In: 2022	6
18	IS/ISO 12509:2023	Earth-Moving Machinery and Rough-Terrain Trucks - Lighting Signalling and Marking Lights and
	ISO 12509:2023	Reflex Reflectors FIRST REVISION
19	IS 12645:1993	Earth - Moving machinery - Crawler and wheel tractor dozer blades - Volumetric ratings First
	ISO 9246	Revision
I	1	

	Reviewed In : 2025 ISO 9246:1988	
20	IS 13065:1991 Reviewed In : 2022	Bulk handling equipment - Wagon marshalling equipment - Endless rope type - General requirements
21	IS 13076:1991 Reviewed In : 2024 Decision taken to Reaffirm	Hand trolley for carrying mail bags - Specification
22	and Archive	
22	IS 13253:1992 ISO 8925 Reviewed In : 2023 ISO 8925:1989	Earth - Moving machinery - Diagnostic ports
23	IS/ISO 13766-1:2018 ISO 13766-1 : 2018 Reviewed In : 2025 ISO 13766 -1:201	Earth-Moving and Building Construction Machinery - Electromagnetic Compatibility EMC of Machines with Internal Electrical Power Supply Part 1 General EMC Requirements Under Typical Electromagnetic Environmental Conditions
24	IS 13811:2023	Air Cargo Bulk Trolley - Specification First Revision
25	IS 13936:1994 Reviewed In : 2023	Bulk handling equipment - Wheeled loaders - General requirements
26	IS 13951:1994 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Heavy item lift platform for aircraft airport operations - General requirements
27	IS 13989:1994 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Bulk handling equipment - Bagging machines Mechanical Type - Design and construction - General requirements
28	IS 13992:1994 Reviewed In: 2024 Decision taken to Reaffirm and Archive	Bulk handling equipment - Bagging machines Electronic Type - Design and construction - General requirements
29	IS 14130:2023 ISO 80601-2-72:2023	Hydraulic Lifting Table - Specification First Revision
30	IS 14704:2025	Bulk Handling Equipment Bag Stacker - Cum - Loader Portable Design and Construction General Requirements
31	IS/ISO 14990-2:2016 ISO 14990-2 : 2016 ISO 14990-2:2016	Earth-Moving Machinery - Electrical Safety of Machines Utilizing Electric Drives and Related Components and Systems Part 2 Particular Requirements for Externally-Powered Machines
32	IS/ISO 14990-3:2016 ISO 14990-3 : 2016 ISO 14990-3:2016	Earth-Moving Machinery - Electrical Safety of Machines Utilizing Electric Drives and Related Components and Systems Part 3 Particular Requirements for Self-Powered Machines
33	IS 15367 (Part 1):2003 Reviewed In : 2023	Bulk handling equipment - Stacker Rail Mounted Part 1 general requirements
34	IS/ISO 15818:2017 53.100 ISO 15818:2017	Earth-Moving Machinery - Lifting and Tying-Down Attachment Points - Performance Requirements
35	IS/ISO 16001:2017 ISO 16001 : 2017 ISO 16001:2017	Earth-Moving Machinery - Object Detection Systems and Visibility Aids - Performance Requirements and Tests
36	IS 16479:2020 Reviewed In : 2025 ISO 3450:2011	Performance Requirements and Test Procedures of Braking Systems for Wheeled or High-Speed Rubber Tracked Earth Moving Machines and Construction Equipment Vehicles First Revision
37	IS 16480:2018 Reviewed In : 2023 iso	Earth moving machinery - Rubber tyred machines - Steering requirements
38	5010:2007 IS 17055 (Part 1):2019	Earth-Moving Machinery - Safety Part 1 General Requirements
I		

1	ISO 20474-2 : 2017	<u> </u>
	Reviewed In : 2024	
39	IS 17055 (Part 2):2020	Earth-Moving Machinery - Safety Part 2 Requirements for Tractor Dozers second revision
	Reviewed In: 2025 ISO	
	20474-2	
40	IS 17055 (Part 3):2018	Earth - Moving machinery - Safety Part 3 requirements for loaders
	Reviewed In: 2023 20474	
	Part 3:2017	
41	IS 17055 (Part 4):2020	Earth-Moving Machinery Safety Part 4 Requirements for Backhoe Loaders Second Revision
	Reviewed In: 2025 ISO	
	20474-4	
42	IS 17055 (Part 5):2018	Earth - Moving machinery - Safety Part 5 requirements for hydraulic excavators
	Reviewed In: 2023 ISO	
	20474 Part 5:201	
43	IS 17055 (Part 6):2021	Earth - Moving Machinery - Safety Part 6 Requirements for Dumpers Second Revision
	15 17 000 (1 111 0),12021	Zarar 1120 mig maranty saroty rank o roduntation for Zampolo social no maran
	ISO 1842:1991	
44	IS 17055 (Part 7):2020	Earth-Moving Machinery Safety Part 7 Requirements for Scrapers Second Revision
	D 1 11 2025 190	
	Reviewed In: 2025 ISO	
45	20474-7 IS 17055 (Part 8):2020	Earth-Moving Machinery Safety Part 8 Requirements For Graders Second Revision
45	15 17055 (1 art 6).2020	Latur-Moving Machinery Sarcty 1 art 8 Requirements 1 of Graders Second Revision
	Reviewed In: 2025 ISO	
	20474-8	
46	IS 17055 (Part 9):2020	Earth-Moving Machinery Safety Part 9 Requirements for Pipelayers Second Revision
	D : 11 2025 100	
	Reviewed In : 2025 ISO 20474-9	
47	IS 17055 (Part 10):2020	Earth-Moving Machinery Safety Part 10 Requirements for Trenchers Second Revision
',	15 17 666 (1 416 10),2020	
	Reviewed In: 2025 ISO	
	20474-10	
48	IS 17055 (Part 11):2020	Earth-Moving Machinery Safety Part 11 Requirements for Earth and Landfill Compactors Second
	Reviewed In: 2027 ISO	Revision
	20474-11	
49	IS 17055 (Part 12):2020	Earth-Moving Machinery Safety Part 12 Requirements for Cable Excavators Second Revision
	Reviewed In: 2025 ISO	
	20474-12	
50	IS 17055 (Part 13):2020	Earth-Moving Machinery Safety Part 13 Requirements for Rollers Second Revision
	Reviewed In: 2025 ISO	
	20474-13	
51	IS 17055 (Part 15):2020	Earth-Moving Machinery Safety Part 15 Requirements for Compact Tool Carriers
	ISO 20474-15 : 2019	
	Reviewed In: 2025 iso	
52	20474-15 IS 17523:2021	Costons and Whoele Demilianments for Costons for Equity
32	ISO 22879 : 2016	Castors and Wheels - Requirements for Castors for Furniture
	22879	
53	IS 17524:2021	Castors and Wheels - Requirements for Castors for Swivel Chairs
	ISO 22880 : 2016	<u> </u>
	22880	

54	IS/ISO 21507:2010	Earth - Moving machinery - Performance requirements for non - Metallic fuel tanks
	ISO 21507 : 2010	
	Reviewed In: 2023 ISO	
	21507 : 2010	
55	IS/ISO 22883:2004	Castors and wheels - Requirements for applications upto 1 1 m s 4 Km h
	Reviewed In: 2023 ISO	
	22883 : 2004	
56	IS/ISO 22884:2004	Castors and wheels - Requirements for applications over 1 1 m s 4 Km h and up to 4 4 m s 16 Km
	Reviewed In: 2023 ISO	h
	22884 : 2004	
57	IS 2431:2022	Specification for steel wheelbarrows single-wheel type first revision
	ISO 10944:2009	%F
58	IS/ISO 2867:2011	Earth - Moving machinery - Access systems
	ISO 2867 : 2011	and grant systems
	Reviewed In : 2022 ISO	
	2867 : 2011	
59	IS/ISO 3411:2007	Earth - Moving machinery - Physical dimensions of operators and minimum operator space
	ISO 3411 : 2007	envelope
	ISO 3411:2007	envelope
60	IS/ISO 3449:2005	Earth - Moving machinery - Falling - Opject protective structures - Laboratory tests and
	Reviewed In : 2022 ISO	performance requirements
	3449 : 2005	performance requirements
61	IS/ISO 3457:2003	Earth - Moving machinery - Guards - Definitions and requirements
01	ISO 3457 : 2003	Latur - Moving machinery - Quartis - Derintrons and requirements
	Reviewed In : 2024 ISO	
	3457 : 2003	
62	IS/ISO3471 3471:2008	Earth-Moving Machinery - Roll-Over Protective Structures-Laboratory Tests and Performance
02	ISO 3471 : 2008	Requirements
	Reviewed In : 2022 ISO	Requirements
	3471 : 2008	
63	IS/ISO 3795:1989	Road Vehicles and Tractors and Machinery for Agriculture and Forestry - Determination of
03	ISO 3795: 1989	Burning Behaviour of Interior Materials
	Reviewed In : 2022 ISO	Durning Denavious of Interior Materials
	3795:1989	
64	IS 4184:2023	Steel Wheelbarrows with Two Wheels - Specification First Revision
04	13 4104.2023	Steel wheeloarlows with I wo wheels - specification I list Revision
65	IS 4616:1968	Specification for sheepsfoot roller
	Reviewed In: 2025	ar
	Decision taken to Reaffirm	
	and Archive	
66	IS/ISO5006 5006:2017	Earth-Moving Machinery - Operators Field of View - Test Method and Performance Criteria First
	ISO 5006 : 2017	Revision
	Reviewed In :	
	2023 ISO5006 : 2006	
67	IS/ISO 5010:2019	Earth-Moving Machinery - Wheeled Machines Steering Requirements first revision
"	ISO 5010 : 2019	requirements in the resident interest in the resident
	Reviewed In : 2023 ISO	
	5010:2019	
68	IS 5324:2023	Hand-Operated Stillage Truck - Lifting Truck Hand Elevating - Specification Third Revision
	10 3324.2023	Traine Operated String Track Traine Elevating Specification Time Revision
69	IS 5500 (Part 1):2004	Vibratory roller - General requirements Part 1 self - Propelled tandem drum Second Revision
	Reviewed In : 2020	Totalory roller General requirements 1 art 1 sen - 1 repende tandem drum second Revision
70	IS 5500 (Part 2):2004	Vibratory roller - General requirements Part 2 self - Propelled single drum Third Revision
'0	Reviewed In : 2020	Fioratory robot - Ocheral requirements rare 2 sen - Properted single didni Filira Revision
71	IS 5501:2021	Specification for Pneumatic Tyred Roller first revision
'1	ISO 10524-1 : 2018	Specification for Fileumatic Tyteu Konet Hist Tevision
72	IS 5502:2023	SMOOTH-WHEELED DIESEL ROAD ROLLER - GENERAL REQUIREMENTS Third
'2		SMOOTH-WHEELED DIESEL ROAD ROLLER - GENERAL REQUIREMENTS THIRD Revision
72	ISO 16048 : 2003 IS/ISO 6683:2005	
73	15/150 0085:2005	Earth-Moving Machinery - Seat Belts and Seat Belt Anchorages - Performance Requirements and

	ISO 6683 : 2005 ISO 6683:2005	Tests
74	IS/ISO 7451:2007 Reviewed In : 2023 ISO 7451 : 2007	Earth - Moving machinery - Volumetric ratings for hoe - Type and grab - Type buckets of hydraulic excavators and backhoe loaders
75	IS 8015:2023	Hand Trolley for Oil Drums - Specification Second Revision
76	IS 8016:2023	Hand Trolley for Gas Cylinders Oxygen and Dissolved Acetylene for Industrial use - Specification First Revision
77	IS 8049:2023 ISO 19694 (Part 1): 2021	Platform Trucks - Specification Third Revision
78	IS/ISO 8643:2017 ISO 8643 : 2017 ISO 8643:2017	Earth - Moving machinery - Hydraulic excavator and backhoe loader boom lowering control device - Requirements and tests First Revision
79	IS/ISO 9249:2007 ISO 9249 : 2007 Reviewed In : 2023 ISO 9249 : 2007	Earth - Moving machinery - Engine test code - Net power