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 10263-2:	Earth - Moving machinery -	March, 2022	=	Identical under single
	2009	Operator enclosure environment:			numbering
	ISO 10263-2 : 2009	Part 2 air filter element test			

ı	Reviewed In: 2022	method		1	
	ISO 10263 : Part 2 :	method			
	2009				
5	IS/ISO 10263-3:	Earth - Moving machinery -	March, 2022	-	Identical under single
	2009	Operator enclosure environment:			numbering
	ISO 10263-3 : 2009	Part 3 pressurization test method			
	Reviewed In: 2022				
	ISO 10263 : Part 3 :				
	2009	7 1 16 1			*1
6	IS/ISO 10263-4:	Earth - Moving machinery -		-	Identical under dual
	2009 ISO 10263-4 : 2009	Operator enclosure environment:			numbering
	ISO 10263-4:2009	Part 4 heating, ventilating and air conditioning (HVAC) test method			
	130 10203-4.2009	and performance			
7	IS/ISO 10264 : 1990	Earth-Moving Machinery - Key-	November, 2022	_	Identical under single
'	ISO 10264 : 1990	Locked Starting Systems	11010111001, 2022		numbering
	Reviewed In: 2022	<i>B</i> • <i>B</i> • • • • • • • • • • • • • • • • • • •			
	ISO 10264:1990				
8	IS/ISO 10265 : 2008	Earth - Moving machinery -	March, 2022	-	Identical under single
	ISO 10265 : 2008	Crawler machines - Performance			numbering
	Reviewed In: 2022	requirements and test procedures			
	ISO 10265 : 2008	for braking systems			
9	IS 10303 : 1993	Earth moving machinery -	December, 2022	-	Identical under dual
	ISO 6749	Preservation and storage (First			numbering
	Reviewed In: 2022	Revision)			
10	ISO 6749:1984	Data sheet for selection of marine	March 2022		Indiannas
10	IS 10443 : 2006 Reviewed In : 2022	loading arms (First Revision)	March, 2022	-	Indigenous
11		Glossary of terms for bulk handling	March, 2023		Indigenous
''		equipment: Part 2 stacking, loading	Waten, 2023		margenous
	Reviewed In: 2023	and reclaiming equipment			
12		Glossary of terms for bulk handling	March, 2023	-	Indigenous
	1983	equipment: Part 6 cyclic loose bulk			
	Reviewed In: 2023	handling equipment (Non -			
		Stationary)			
13	IS 10464 : 2023	Data Sheet for Selection of Wagon		-	Indigenous
1.4	10.10706 1006	Puller/Pusher (First Revision)	1 2022		Y 1'
14	IS 10506 : 1996	Trolley for carrying jute bales -	March, 2022	-	Indigenous
15	Reviewed In: 2022 IS 10525: 2022	Specification (First Revision) SPECIFICATION FOR			Indigenous
13	13 10323 . 2022	GENERAL PURPOSE		-	margenous
		DRINKING WATER TROLLEY			
		First Revision of IS 10525			
16	IS/ISO 10532 : 1995		November, 2022	-	Identical under single
	ISO 10532 : 1995	Machine - Mounted retrieval	, -		numbering
	Reviewed In: 2022	device - Performance equirements			
	ISO 10532 : 1995	-			
17	IS/ISO 10533 : 1993	Earth - Moving machinery - Lift -	November, 2022	-	Identical under single
	ISO 10533 : 1993	Arm support devices			numbering
	Reviewed In: 2022				
10	ISO 10533 : 1993	Fords M	M. 1 2022		Tilanda 1 1 1 1
18	IS/ISO 10567 : 2007	Earth - Moving machinery -	March, 2022	-	Identical under single
	ISO 10567 : 2007 Reviewed In : 2022	Hydraulic excavators - Lift			numbering
	ISO 10567 : 2007	capacity			
19	IS/ISO 10570 : 2004	Earth - Moving machinery -		_	Identical under single
19	ISO 10570 : 2004	Articulated frame lock -			numbering
	ISO 10570 : 2004	Performance requirements			nomoving.
20	IS 10678 : 1983	Data sheet for design and selection	March, 2023	-	Indigenous
l	I	ı		1	I

1	Reviewed In: 2023	of vacuum producer			1
21	IS 10689 : 1993	Earth moving machinery -	February, 2021	-	Identical under dual
	ISO 2860	Minimum access dimensions (First	•		numbering
	Reviewed In: 2021	Revision)			
	ISO 2860 : 1992				
22	IS 10856 : 1993	Earth - Moving machinery -	December, 2022	-	Identical under dual
	ISO6484	Elevating scrapers - Volumetric			numbering
	Reviewed In: 2022	ratings (First Revision)			
	ISO 6484:1986				
23	IS 10859 : 1993	Earth - Moving machinery -	March, 2023	-	Identical under dual
	ISO 6483	Dumper bodies - Volumetric			numbering
	Reviewed In: 2023	ratings (First Revision)			
	ISO 6483:1980	5 1 1 1 1 1 1			*
24	IS/ISO 10968 : 2020	Ę ,	=	-	Identical under single
	ISO 10968 : 2020	Operator's Controls (First			numbering
25	10968:2020	Revision)			Tilonation I and a simple
25		EARTH-MOVING MACHINERY		-	Identical under single
	ISO 10987 ISO 10987	SUSTAINABILITY TERMINOLOGY			numbering
	130 10987	SUSTAINABILITY FACTORS			
		AND REPORTING			
26	IS/ISO 10987-2 :	Earth - Moving Machinery â€"		_	Identical under single
20	2017	Sustainability Part 2			numbering
	ISO 10987-2	Remanufacturing			numbering
	ISO 10987-2	Remandracturing			
27	IS/ISO 10987-3:	Earth - Moving Machinery â€"		-	Identical under single
-'	2017	Sustainability Part 3 Used			numbering
	ISO 10987-3	Machines			
	ISO 10987-3				
28	IS/ISO 11112 : 1995	Earth Moving Machinery -	November, 2022	-	Identical under single
	ISO 11112 : 1995	Operator's Seat - Dimensions and			numbering
	Reviewed In: 2022	Requirements			
	ISO 11112:1995				
29	IS 11113 : 1999	Earth-moving machinery, and	December, 2022	-	Identical under dual
	ISO 5353	tractors and machinery for			numbering
	Reviewed In: 2022	agriculture and forestry - Seat			
	ISO 5353:1995	index point (second revision)			
30	IS 11114 (Part 2):	Earth - Moving machinery -	February, 2023	-	Identical under dual
	2006	Definitions of dimensions and			numbering
	ISO 6746-1	codes: Part 2 base machine			
	Reviewed In: 2023 ISO 6746-1:2003	(Second Revision)			
31	IS 11114 (Part 3):	Earth - Moving machinery -	February, 2023	+	Identical under dual
) 31	2006	Definitions of dimensions and	redition, 2023	_	numbering
	ISO 6746-2	codes: Part 3 (Equipment And			numbering
	Reviewed In : 2023	Attachments Second Revision)			
	ISO 6746-2:2003	Tameline occord (CVISIOII)			
32	IS 11249 : 1985	Data sheet for selection of front	March, 2023	_	Indigenous
	Reviewed In: 2023	end loaders	, - 		
33	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				
34	IS 11496 : 1985	General and performance test	March, 2022	-	Indigenous
	Reviewed In: 2022	requirements of pallet truck and			
		stillage truck			
35		Bulk handling equipment - Crawler	March, 2023	-	Indigenous
	1993	tractors - Data sheet: Part 1			
	Reviewed In: 2023	information to be supplied by			
•	•	1		•	•

		purchaser (First Revision)		1	
36	IS 11738 (Part 2):	Bulk handling equipment - Crawler	February, 2023	-	Indigenous
	1993	tractors - Data sheet: Part 2	·		
	Reviewed In: 2023	information to be supplied by			
		manufacturer/supplier (First			
		Revision)			
37	IS/ISO 11862 : 1993		November, 2022	-	Identical under single
	ISO 11862 : 1993	Auxiliary Starting Aid Electrical			numbering
	Reviewed In: 2022	Connector			
	ISO 11862:1993				
38		Earth moving machinery laboratory		-	Identical under single
	2008	tests and performance			numbering
	ISO 12117-2 : 2008	1 1			
		structures of excavators: Part 2 roll			
	2008	- Over protective structures (Rops)			
20	10 10107 1007	for excavators of over 6 t	F.1 2002		T 1'
39	IS 12137 : 1987	General requirements of wagon	February, 2023	-	Indigenous
40	Reviewed In : 2023	puller/pusher	March 2022		Indiana
40		Data sheet for selection of dumpers	March, 2023	-	Indigenous
41	Reviewed In: 2023 IS 12206: 1993	Earth - Moving machinery - Loader	November, 2022	1	Identical under dual
41	ISO 7546	and front loading excavator	November, 2022		numbering
	Reviewed In: 2022	buckets - Volumetric ratings (First			numbering
	ISO 7546 :1983	Revision)			
42	IS 12209 : 1993	Earth - Moving machinery - Guide	February, 2018		Identical under dual
12	ISO 7130	to procedure for operator training	1 cordary, 2010		numbering
	Reviewed In: 2018	(First Revision)			in i
	ISO 7130:1981	(2 1100 110 (10101))			
43	IS 12359 : 1988	Guide for selection of wheels and	March, 2022	-	Indigenous
	Reviewed In: 2022	castors			
44	IS 12402 (Part 1):	Mobile containers for solid waste:	March, 2022	-	Indigenous
	1988	Part 1 general characteristics			
	Reviewed In: 2022				
45	IS 12402 (Part 2):	Mobile containers for solid waste:	March, 2022	-	Indigenous
	1988	Part 2 methods of test			
	Reviewed In: 2022				
46	IS/ISO 12508 : 1994		November, 2022	-	Identical under single
	ISO 12508 : 1994	Operator station and maintenance			numbering
	Reviewed In: 2022	areas - Bluntness of edges			
	ISO 12508 : 1994				
47	IS/ISO 12509 : 2004	2		-	Identical under single
	ISO 12509 : 2004	Lighting, signaling and marking			numbering
	ISO 12509 : 2004	lights and reflex - Reflector			
40	IC 10567 : 2022	devices Draumatic Handling Equipment			Indiana
48	IS 12567 : 2022	Pneumatic Handling Equipment - Bends - Dimensions (First		-	Indigenous
		Revision)			
49	IS 12645 : 1993	Earth - Moving machinery -	March, 2020	1	Identical under dual
サブ	ISO 9246	Crawler and wheel tractor dozer	iviaicii, 2020] -	numbering
	Reviewed In: 2020	blades - Volumetric ratings (First			numbering
	ISO 9246:1988	Revision)			
50	IS 12663 (Part 1):	Bulk Handling Equipment -		-	Indigenous
2.0	2023	Reclaimer - Data Sheet for			
		Selection Part 1 Scraper Reclaimer			
		(Rail Mounted) (First Revision)			
51	IS 12663 (Part 2):	Bulk handling equipment -	February, 2021	-	Indigenous
	2000	Reclaimer - Data sheet for bucket	.		
	Reviewed In: 2021	wheel reclaimer (Rail Mounted):			
		Part 2 information to be supplied			
	I	I		I	I

		by the purchaser			
52	IS 12663 (Part 3):	Bulk handling equipment -	February, 2023	-	Indigenous
	2000	Reclaimer - Data sheet for bucket			
	Reviewed In: 2023	wheel reclaimer (Rail Mounted):			
		Part 3 information to be supplied			
		by the manufacturer			
53	IS 12669 (Part 1):	Bulk Handling Equipment -		-	Indigenous
	2023	Hydraulic Excavator - Data Sheet			
		For Selection Part 1 Hoe (First			
		Revision)			
54	IS/ISO 13031 : 2016	Earth-Moving Machinery - Quick		-	Identical under single
	ISO 13031 : 2016	Couplers - Safety			numbering
	ISO 13031:2016	, ,			
55	IS 13065 : 1991	Bulk handling equipment - Wagon	March, 2022	_	Indigenous
	Reviewed In: 2022	marshalling equipment - Endless	, .		
	Ttoviewed in : 2022	rope type - General requirements			
56	IS 13076 : 1991	Hand trolley for carrying mail bags	March, 2023	_	Indigenous
50	Reviewed In: 2023	- Specification	Waren, 2025		margenous
57	IS 13081 : 1991	Earth moving machinery - Symbols	March, 2022		Indigenous
31	Reviewed In : 2022	- Guidelines for development and	March, 2022	_	margenous
	Reviewed III . 2022	<u> </u>			
58	IS 13082 (Part 1):	evaluation Bulk handling equipment - Ship	March, 2022	+	Indigenous
30	1991		Maich, 2022	-	indigenous
		unloader - Gantry mounted grab			
	Reviewed In: 2022	type - Code of practice for design,			
		manufacture and erection:: Part 1			
		mechanical and structural			
	70 10000 (5 0)	requirements			
59	IS 13082 (Part 2):	Bulk handling equipment - Ship	March, 2022	-	Indigenous
	1991	unloader - Gantry mounted grab			
	Reviewed In: 2022	type - Code of practice for design,			
		manufacture and erection,: Part 2			
		electro - Mechanical requirements			
60	IS 13082 (Part 3):	Bulk handling equipment - Ship	March, 2022	-	Indigenous
	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			
61	IS 13113 : 1991	Bulk handling equipment - Wagon	March, 2022	-	Indigenous
	Reviewed In: 2022	marshalling equipment - Endless			
		rope type - Data sheet			
62	IS 13116 : 2006	Earth - Moving machinery - Engine	March, 2022	-	Identical under dual
	ISO 9249	test code - Net power (Second			numbering
	Reviewed In: 2022	Revision)			
	ISO 9249:1997				
63	IS 13148 (Part 1):	Mobile equipment for continuous	March, 2023	-	Identical under dual
	1999	handling of bulk materials: Part 1			numbering
	ISO 5049-1	rules for the design of steel			
	Reviewed In: 2023	structure (First Revision)			
	ISO 5049-1:1994				
64	IS 13253 : 1992	Earth - Moving machinery -	March, 2023	-	Identical under dual
	ISO 8925	Diagnostic ports			numbering
	Reviewed In: 2023	8			
	ISO 8925:1989				
65	IS/ISO 13333 : 1994	Earth-Moving Machinery -	November, 2022	<u> </u>	Identical under single
05	ISO 13333 : 1994	Dumper Body Support and	140 veilioei, 2022		numbering
	Reviewed In : 2022	Operators Cab Tilt Support			numbering
	ISO 13333:1994	Devices			
		Earth-Moving Machinery - Trainer		+	Identical under sincle
66	HS/ISO 12450 - 2012	IFarth-Moving Machinery - Trainer		I -	Identical under single

l	I ISO 13450 · 2012	Seat - Deflection Limiting Volume,		1	numbering
	ISO 13459:2012	Space Envelope and Performance			numoering
	150 15457.2012	Requirements			
67	IS 13652 : 1993	Bulk Handling Equipment -	March, 2023		Indigenous
07	Reviewed In : 2023	Dumper - Supplier's Data Sheet	Maich, 2023	-	margenous
68	IS 13685 (Part 1):	Bulk handling equipment - Ship	March, 2023		Indigenous
08	1993	loader - Rail mounted - Data sheet	Maich, 2023	-	margenous
	Reviewed In: 2023	for selection: Part 1 information to			
	Reviewed III: 2023				
69	IC 12695 (Dont 2)	be supplied by purchaser	March, 2023		Ind: annous
09	IS 13685 (Part 2): 1993	Bulk handling equipment - Ship loader - Rail mounted data sheet	March, 2025	-	Indigenous
		for selection: Part 2 information to			
	Reviewed III: 2023				
		be supplied by			
70	10/100 12766 1	manufacturer/supplier			T1 (1 1 1 1 1
70	IS/ISO 13766-1:	Earth-Moving and Building		-	Identical under single
	2018	Construction Machinery -			numbering
	ISO 13766-1 : 2018	Electromagnetic Compatibility			
	ISO 13766 -1:201	(EMC) of Machines with Internal			
		Electrical Power Supply Part 1			
		General EMC Requirements Under			
		Typical Electromagnetic			
	10,700 107 11 1	Environmental Conditions		1	
71	IS/ISO 13766-2:	Earth-Moving and Building		-	Identical under single
	2018	Construction Machinery -			numbering
	ISO 13766-2 : 2018	Electromagnetic Compatibility			
	ISO 13766 -2:2018	(EMC) of Machines with Internal			
		Electrical Power Supply Part 2			
		Additional EMC Requirements for			
		Functional Safety			
72	IS 13768 : 2016	Earth - Moving machinery -	February, 2021	-	Indigenous
	ISO 3164 : 2013	Laboratory evaluations of			
	Reviewed In: 2021	protective structures -			
		Specifications for deflection -			
		Limiting volume (Second			
		Revision)			
73	IS 13811 : 2023	Air Cargo (Bulk) Trolley -		-	Indigenous
		Specification (First Revision)			
74	IS 13936 : 1994	Bulk handling equipment -	March, 2023	-	Indigenous
	Reviewed In: 2023	Wheeled loaders - General			
		requirements			
75	IS 13945 : 2023	Bulk Handling Equipment -		-	Indigenous
		Bagging Machines (Electronic			
		Type) - Data Sheet (First Revision)			
76	IS 13951 : 1994	Heavy item lift platform for	March, 2022	1	Indigenous
	Reviewed In: 2022	aircraft/airport operations -			
	VO 40000	General requirements		+	<u> </u>
77		Bulk handling equipment - Bagging	March, 2023	-	Indigenous
	Reviewed In: 2023	machines (Mechanical Type) -			
		Design and construction - General			
70	IC 12002 1001	requirements	14 1 2022		x 1'
78		Bulk handling equipment - Bagging	March, 2023	-	Indigenous
	Reviewed In: 2023	machines (Electronic Type) -			
		Design and construction - General			
	TO 4 4120 222	requirements			
79	IS 14130 : 2023	Hydraulic Lifting Table -		-	Indigenous
	**************************************	Specification (First Revision)			
80		Earth-Moving Machinery - Loaders		-	Identical under single
	2007	and Backhoe Loaders Part 1			numbering
	ISO 14397-1 : 2007	Calculation of Rated Operating			
	•	,		•	•

1	ISO 14397-1:2007	Capacity and Test Method for		1	İ
	130 14397-1:2007	Verifying Calculated Tipping			
		Load			
81	IS/ISO 14401-2 :	Earth - Moving machinery - Field		_	Identical under single
01	2009	of vision of surveillance and rear -			numbering
	ISO 14401-2 : 2009	View mirrors: Part 2 performance			numbering
	ISO 14401 : Part 2 :	criteria			
	2009	Criteria			
82	IS 14416 : 1996	Bulk handling equipment - Boom	March, 2022	 -	Indigenous
02	Reviewed In: 2022	type bucket wheel reclaimer - Rail	11111011, 2022		margeneas
	Reviewed III . 2022	mounted - Design, manufacture			
		and erection - Code of practice			
83	IS 14417 : 1996	Bulk handling equipment - Single	March, 2022	_	Indigenous
	Reviewed In: 2022	boom slewable stacker - Rail	Waron, 2022		margenous
	Reviewed III . 2022	mounted - Design, manufacture			
		and erection - Code of practice			
84	IS 14418 : 1996	Bulk handling equipment - Ship	March, 2022	_	Indigenous
04	Reviewed In: 2022	loader - Rail mounted - Design,	March, 2022		margenous
	Reviewed III . 2022	manufacture and erection - Code			
		of practice			
85	IS 14704 : 1999	Bulk handling equipment - Bag	February, 2023	 	Indigenous
	Reviewed In : 2023	stacker - Cum - Loader/unloader -	1 001 uai y, 2023		margonous
	Reviewed III . 2025	Portable - Design and construction			
		- General requirements			
86	IS/ISO 14990-1:	Earth-Moving Machinery -		_	Identical under single
	2016	Electrical Safety of Machines			numbering
	ISO 14990-1 : 2016	· ·			l maintoering
	ISO 14990-1:2016	Related Components and Systems			
	150 14770 1.2010	Part 1 General Requirements			
87	IS/ISO 14990-2 :	Earth-Moving Machinery -		_	Identical under single
0,	2016	Electrical Safety of Machines			numbering
	ISO 14990-2 : 2016	•			indinioering
	ISO 14990-2:2016	Related Components and Systems			
	150 14770 2.2010	Part 2 Particular Requirements for			
		Externally-Powered Machines			
88	IS/ISO 14990-3:	Earth-Moving Machinery -		_	Identical under single
	2016	Electrical Safety of Machines			numbering
	ISO 14990-3 : 2016				indinioering
	ISO 14990-3:2016	Related Components and Systems			
	150 11770 3.2010	Part 3 Particular Requirements for			
		Self-Powered Machines			
89	IS 15367 (Part 1):	Bulk handling equipment - Stacker	February, 2023	_	Indigenous
	2003	(Rail Mounted): Part 1 general	 		
	Reviewed In: 2023	requirements			
90	IS 15367 (Part 2):	Bulk handling equipment - Stacker	February, 2023	-	Indigenous
	2003	(Rail Mounted): Part 2 data to be	J /		- G- 7
	Reviewed In: 2023	furnished by the purchaser			
91	IS 15367 (Part 3):	Bulk handling equipment - Stacker	February, 2023	-	Indigenous
	2003	(Rail Mounted): Part 3 data to be	J /		- G- 7
	Reviewed In: 2023	furnished by the			
		manufacturer/supplier			
92	IS/ISO 15817 : 2012			-	Identical under single
	ISO 15817 : 2012	Requirements for Remote Operator			numbering
	ISO 15817:2012	Control Systems			
93		Earth-Moving Machinery - Lifting		-	Identical under single
	53.100	and Tying-Down Attachment			numbering
	ISO 15818:2017	Points - Performance			
L		Requirements		<u> </u>	<u> </u>
94	IS/ISO 15998 : 2008			-	Identical under single
I	I	l		I	I

ı	150 15000 2000	Marking Control Control (MCC)		1	1
	ISO 15998 : 2008 ISO 15998:2008	Machine-Control Systems (MCS)			numbering
	180 13998:2008	Using Electronic Components - Performance Criteria and Tests for			
		Functional Safety			
95	IS/ISO 16001 : 2017	J			Identical under single
) 93	ISO 16001 : 2017	Detection Systems and Visibility		_	numbering
	ISO 16001 : 2017	Aids - Performance Requirements			numbering
	150 10001.2017	and Tests			
96	IS 16479 : 2020	Performance Requirements and		1	Modified/Technically
'	15 10477 . 2020	Test Procedures of Braking		1	Equivalent
	ISO 3450:2011	Systems for Wheeled or High-			Equivalent
	150 5 150.2011	Speed Rubber Tracked Earth			
		Moving Machines and			
		Construction Equipment Vehicles (
		First Revision)			
97	IS 16480 : 2018	Earth moving machinery - Rubber	January, 2023	-	Not Equivalent
		tyred machines - Steering	· · · · · · · · · · · · · · · · · · ·		1
	Reviewed In: 2023	requirements			
	iso 5010:2007				
98	IS 17055 (Part 1):	Earth-Moving Machinery - Safety	March, 2024	1	Indigenous
	2019	Part 1 General Requirements	,		
	ISO 20474-2 : 2017				
	Reviewed In: 2024				
99	IS 17055 (Part 2):	Earth-Moving Machinery - Safety		-	Not Equivalent
	2020	Part 2 Requirements for Tractor			1
		Dozers (second revision)			
	ISO 20474-2				
100	IS 17055 (Part 3):	Earth - Moving machinery - Safety:	December, 2023	-	Identical under single
	2018	Part 3 requirements for loaders			numbering
	Reviewed In: 2023				
	20474 Part 3:2017				
101	IS 17055 (Part 4):	Earth-Moving Machinery — Safety		-	Not Equivalent
	2020	Part 4 Requirements for Backhoe			
		Loaders (Second Revision)			
	ISO 20474-4				
102		Earth - Moving machinery - Safety:	December, 2023	-	Identical under single
	2018	Part 5 requirements for hydraulic			numbering
		excavators			
	Reviewed In: 2023				
	ISO 20474 Part				
100	5:201			 	
103	17055 : 2021	Earth - Moving Machinery - Safety		1	Not Equivalent
	100 20474 6	Part 6 Requirements for Dumpers		1	
104	ISO 20474-6	(Second Revision)		+	Not Emission
104	· · · · · ·	Earth-Moving Machinery — Safety		· -	Not Equivalent
	2020	Part 7 Requirements for Scrapers (1	
	ISO 20474-7	Second Revision)		1	
105		Earth-Moving Machinery — Safety		+	Not Equivalent
103	2020	Part 8 Requirements For Graders (Ī -	TYOU Equivalent
	2020	Second Revision)		1	
	ISO 20474-8	Second Revision)		1	
106		Earth-Moving Machinery — Safety		 -	Not Equivalent
100	2020	Part 9 Requirements for Pipelayers		1	Two Equivalent
	2020	(Second Revision)		1	
	ISO 20474-9	(Second Revision)		1	
107		Earth-Moving Machinery — Safety		 -	Not Equivalent
	2020	Part 10 Requirements for		1	St Zqui . uront
1		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1	1

1		Trenchers (Second Revision)			
100	ISO 20474-10				X . 7
108		Earth-Moving Machinery — Safety		-	Not Equivalent
	2020	Part 11 Requirements for Earth			
	XGO 20 45 4 4 4	and Landfill Compactors (Second			
	ISO 20474-11	Revision)			
109		Earth-Moving Machinery — Safety		-	Not Equivalent
	2020	Part 12 Requirements for Cable			
		Excavators (Second Revision)			
	ISO 20474-12				
110		Earth-Moving Machinery — Safety		-	Not Equivalent
	2020	Part 13 Requirements for Rollers (
		Second Revision)			
	ISO 20474-13				
111	IS 17055 (Part 15):	Earth-Moving Machinery â€"		-	Identical under single
	2020	Safety Part 15 Requirements for			numbering
	ISO 20474-15 : 2019	Compact Tool Carriers			
	iso 20474-15				
112	IS/ISO 17063 : 2003	E ,		-	Identical under single
1	ISO 17063 : 2003	Braking systems of pedestrian -			numbering
1	ISO 17063 : 2003	Controlled machines -			
1		Performance requirements and test			
		procedures			
113	IS 17522 : 2021	Castors and Wheels -Test Methods		-	Identical under dual
	ISO 22878 : 2004	and Apparatus			numbering
	22878				_
114	IS 17523 : 2021	Castors and Wheels -		-	Identical under dual
	ISO 22879 : 2016	Requirements for Castors for			numbering
	22879	Furniture			_
115	IS 17524 : 2021	Castors and Wheels -		-	Identical under dual
	ISO 22880 : 2016	Requirements for Castors for			numbering
	22880	Swivel Chairs			
116	IS/ISO 19014-1:	Earth-Moving Machinery -		-	Identical under single
	2018	Functional Safety Part 1			numbering
		Methodology to Determine Safety-			_
	ISO 19014-1:2018	related Parts of the Control System			
		and Performance Requirements			
117	IS/ISO 19014-3:	Earth-Moving Machinery -		-	Identical under single
	2018	Functional Safety Part 3			numbering
	ISO 19014-3 : 2018	Environmental Performance and			
	ISO 19014-3:2018	Test Requirements of Electronic			
		and Electrical Components Used in			
		Safety-Related Parts of the Control			
		System			
118	IS/ISO 19104-1:	Earth-Moving Machinery -		-	Identical under single
1	2018	Functional Safety Part 1			numbering
		Methodology to Determine Safety-			
	19104-1	related Parts of the Control System			
		and Performance Requirements			
119	IS/ISO 21507 : 2010			-	Identical under single
		Performance requirements for non			numbering
	ISO 21507 : 2010	- Metallic fuel tanks			
120	IS/ISO 22877 : 2004	Castors and wheels - Vocabulary,	February, 2021	-	Identical under single
	ISO 22877	symbols and multilingual	 		numbering
	Reviewed In: 2021	terminology			8
	ISO 22877 : 2004				
121		Castors and wheels - Requirements	March, 2023	-	Identical under single
	Reviewed In : 2023	for applications upto 1.1 m/s (4			numbering
	ISO 22883 : 2004	Km/h)			
		. /		i	l

122	lis/iso 22884 · 2004	Castors and wheels - Requirements	February, 2023	1 -	Identical under single
122	Reviewed In : 2023	for applications over 1.1 m/s (4	1 cordary, 2023		numbering
	ISO 22884 : 2004	Km/h) and up to 4.4 m/s (16			numbering
	150 22001.2001	Km/h)			
123	IS/ISO 2330 : 2002	Fork-Lift Trucks - Fork Arms -		-	Identical under single
	ISO 2330 : 2002	Technical Characteristics and			numbering
	ISO 2330:2002	Testing			
124	: 2022	Specification for steel		-	Indigenous
		wheelbarrows single-wheel type			
		(first revision)			
125	IS/ISO 2867: 2011	Earth - Moving machinery - Access	March, 2022	-	Identical under single
	ISO 2867 : 2011	systems			numbering
	Reviewed In: 2022				
	ISO 2867: 2011				
126	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			
		envelope			
127	IS/ISO 3449 : 2005	Earth - Moving machinery - Falling	October, 2022	-	Identical under single
	Reviewed In: 2022	- Opject protective structures -	,		numbering
	ISO 3449 : 2005	Laboratory tests and performance			
	133 3117 . 2003	requirements			
128	IS/ISO 3457 : 2003	Earth - Moving machinery -	March, 2022	_	Identical under single
	ISO 3457 : 2003	Guards - Definitions and			numbering
	Reviewed In: 2022	requirements			namoering
	ISO 3457 : 2003	requirements			
129	IS/ISO3471 3471 :	Earth-Moving Machinery - Roll-	March, 2022	<u> </u>	Identical under single
12)	2008	Over Protective Structures-	March, 2022		numbering
	ISO 3471 : 2008	Laboratory Tests and Performance			numbering
	Reviewed In : 2022	Requirements			
	ISO 3471 : 2008	Requirements			
130	IS/ISO 3795 : 1989	Road Vehicles and Tractors and	November, 2022		Identical under single
150	ISO 3795 : 1989	Machinery for Agriculture and	November, 2022	_	numbering
	Reviewed In : 2022	Forestry - Determination of			numbering
	ISO 3795:1989	Burning Behaviour of Interior			
	130 3/93.1909	Materials			
131	IS 4184 : 2023	Steel Wheelbarrows (with Two			Indigenous
131	13 4164 . 2023	Wheels) - Specification (First		-	indigenous
		Revision)			
132	IS/ISO 4250-3 :	Earth mover tyres and rims- Part 3:			Indigenous
132	2020	ř		-	indigenous
	2020	Rims Adoption of ISO 4250 Part 3:2020 First Revision			
133	IS 4616 : 1968	Specification for sheepsfoot roller	March, 2022	+	Indigenous
133		Specification for sheepsroot roller	ividicii, 2022	_	margenous
124	Reviewed In: 2022	Acoustics - Declaration and	November, 2022	-	Identical under aimala
134	IS/ISO 4871 : 1996		November, 2022	-	Identical under single
1	ISO 4871 : 1996	Verification of Noise Emission			numbering
1	Reviewed In: 2022 ISO 4871:1996	Values of Machinery and			
125		Equipment Forth Maying Machinery	Eahmann 2002	-	Identical under air ala
135	IS/ISO5006 5006 :	Earth-Moving Machinery -	February, 2023	_	Identical under single
	2017	Operators Field of View - Test			numbering
	ISO 5006 : 2017	Method and Performance Criteria			
	Reviewed In: 2023	(First Revision)			
125	ISO5006 : 2006	Ford M. 1 M. 11	G 1 2022	1	Tiloudia 1 1 1 1
136	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)			
1.5=	ISO 5010:2019	XX 10 12 11 = 1		-	.
137	IS 5324 : 2023	Hand-Operated Stillage Truck -		-	Indigenous
		Lifting Truck (Hand Elevating) -			
•	•	•		•	•

		Specification (Third Revision)		1	
138	IS 5387 : 2022	DIMENSIONS FOR STILLAGES		-	Indigenous
		(First revision)			
139	IS 5500 (Part 1):	Vibratory roller - General	May, 2020	1	Indigenous
	2004	requirements: Part 1 self -	-		
	Reviewed In: 2020	Propelled tandem drum (Second			
		Revision)			
140	IS 5500 (Part 2):	Vibratory roller - General	May, 2020	-	Indigenous
	2004	requirements: Part 2 self -	•		_
	Reviewed In: 2020	Propelled single drum (Third			
		Revision)			
141	IS 5501 : 2021	Specification for Pneumatic Tyred		-	Indigenous
		Roller (first revision)			
142	IS 5502 : 2023	SMOOTH-WHEELED DIESEL		-	Indigenous
		ROAD ROLLER - GENERAL			
		REQUIREMENTS Third Revision			
143	IS 5972 : 2022	GLOSSARY OF PNEUMATIC		-	Indigenous
		AND HYDRAULIC			
		CONVEYING TERMS AND			
		DEFINITIONS First revision of IS			
		5972			
144		Earth - Moving machinery - Visual	March, 2022	-	Identical under single
	ISO 6011 : 2003	display of machine operation			numbering
	Reviewed In: 2022				
	ISO 6011 : 2003				
145	IS/ISO 6014 : 1986	Earth - Moving machinery -	November, 2022	-	Identical under single
	ISO 6014 : 1986	Determination of ground speed			numbering
	Reviewed In: 2022				
	ISO 6014 : 1986				
146	IS/ISO 6016 : 2008	Earth-Moving Machinery â€"		-	Identical under single
	ISO 6016:2008	Methods of Measuring the Masses			numbering
	ISO 6016:2008	of Whole Machines, their			
		Equipment and Components			
147	IS/ISO 6165 : 2012	Earth - Moving machinery - Basic	March, 2022	-	Identical under single
		types - Identification and terms and			numbering
	Reviewed In: 2022	definitions			
1.10	ISO 6165 : 2012	7 1 1/2 1	1, 1, 2022		
148	IS/ISO 6393 : 2008	Earth - Moving machinery -	March, 2023	-	Identical under single
	ISO 6393 : 2008	Determination of sound power			numbering
	Reviewed In: 2023	level - Stationary test conditions			
1.40	ISO 6393 : 2008		1 2022		
149	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			
150	IS/ISO 6395 : 2008	Conditions Forth Moving machinery	March 2022	-	Identical under size1.
150		Earth - Moving machinery -	March, 2022	-	Identical under single
	ISO 6395 : 2008	Determination of sound power			numbering
	Reviewed In : 2022	level - Dynamic test conditions			
151	ISO 6395 : 2008 IS/ISO 6396 : 2008	Forth Maring Machiner	March, 2022		Identical under size1.
151	ISO 6396 : 2008	Earth-Moving Machinery - Determination of Emission Sound	March, 2022	_	Identical under single
	Reviewed In : 2022				numbering
		Pressure Level at Operator's			
	ISO 6396 : 2008	Position - Dynamic Test Conditions			
152	IS/ISO 6405-1 :		March 2022	1	Identical under single
152	18/18O 6405-1 : 2017	Earth - Moving machinery symbols	March, 2022	_	Identical under single
	ISO 6405-1 : 2017	for operator controls and other displays: Part 1 common symbols			numbering
		LOISDIAVS: PALL I COMMINON SYMPOIS I		i .	i .
	Reviewed In : 2022	(First Revision)			

1	ISO 6405-1:2017			1	1
153	IS/ISO 6405-2 :	Earth - Moving machinery -	March, 2022	-	Identical under single
	2017	Symbols for operator controls and	,		numbering
	ISO 6405-2 : 2017	other displays: Part 2 symbols for			
	Reviewed In: 2022	specific machines, equipment and			
	ISO 6405-2:2017	accessories (First Revision)			
154	IS/ISO 6683: 2005	Earth-Moving Machinery - Seat		-	Identical under single
	ISO 6683: 2005	Belts and Seat Belt Anchorages -			numbering
	ISO 6683:2005	Performance Requirements and			
		Tests			
155	IS/ISO 6747 : 2013	Earth - Moving machinery, tractor	January, 2023	-	Identical under single
	ISO 6747 : 2013	- Dozers, terminology and			numbering
	Reviewed In: 2023	commercial specification			
	ISO 6747 : 2013				
156	IS/ISO 6750-1:	Earth-Moving Machinery -	September, 2023	-	Identical under single
	2019	Operator's manual Part 1 Contents			numbering
	ISO 6750-1 : 2019	and Format (first revision)			
	Reviewed In: 2023				
<u> </u>	ISO 6750-1:2019			1	
157	IS 6839 (Part 2):	GLOSSARY OF TERMS		-	Indigenous
	2022	RELATING TO NON-			
		POWERED MATERIALS			
		HANDLING EQUIPMENT PART			
		2 HANDTRUCKS AND			
1.70	78.778.0 =00.5 20.2 0	TROLLEYS First Revision			
158	IS/ISO 7096 : 2020	Earth-Moving Machinery —		-	Identical under single
	ISO 7096 : 2020	Laboratory Evaluation of Operator			numbering
1.70	7096:2020	Seat Vibration (First Revision)	37 1 2022	-	
159	IS/ISO 7130 : 2013	Earth-Moving Machinery -	March, 2022	-	Identical under single
	D : 11 2022	Operator Training - Content and			numbering
	Reviewed In: 2022	Methods			
160	N/A IS/ISO 7131 : 2009	Fouth Maying machinery	March 2022		Identical under single
160	ISO 7131 : 2009	Earth - Moving machinery - Loaders - Terminology and	March, 2022	-	Identical under single
	Reviewed In : 2022	commercial specifications (First			numbering
	ISO 7131 : 2009	Revision)			
161	IS/ISO 7131 : 2009	Earth - Moving machinery -	March, 2022		Identical under single
101	ISO 7133 : 2013	Scrapers - Terminology and	Maich, 2022	-	numbering
	Reviewed In : 2022	commercial specifications (First			numbering
	ISO 7133 : 2013	Revision)			
162	IS/ISO 7134-1993 :	Earth - Moving machinery -	March, 2022	+	Identical under single
102	2013	Graders - Terminology and	1 v1a1C11 , 2022	1	numbering
	ISO 7134 : 2013	commercial - Specifications (First			numbering
	Reviewed In : 2022	Revision)			
	ISO 7134 : 2013	ice vision)			
163	IS/ISO 7135 : 2009	Earth - Moving machinery -	March, 2020	-	Identical under single
	ISO 7135 : 2009	Hydraulic excavators -	1.141011, 2020		numbering
	Reviewed In: 2020	Terminology and commercial			
	ISO 7135 : 2009	specifications			
164	IS/ISO 7451 : 2007	Earth - Moving machinery -	March, 2023	-	Identical under single
	Reviewed In: 2023	Volumetric ratings for hoe - Type	, _ v_		numbering
	ISO 7451 : 2007	and grab - Type buckets of			
	• • ,	hydraulic excavators and backhoe			
		loaders			
165	IS/ISO 7457 : 1997	Earth - Moving machinery -	November, 2022	-	Identical under single
	ISO 7457 : 1997	Determination of turning	•		numbering
	Reviewed In: 2022	dimensions of wheeled machines			
	ISO 7457 : 1997			<u> </u>	
166	IS 8015 : 2023	Hand Trolley for Oil Drums -		-	Indigenous
I .		ı		I	1

1	1	Specification (Second Revision)		1	1
167	IS 8016 : 2023	Hand Trolley for Gas Cylinders		_	Indigenous
107	15 0010 . 2025	(Oxygen and Dissolved Acetylene)			margenous
		for Industrial use - Specification			
		(First Revision)			
168	IS 8049 : 2023	Platform Trucks - Specification		_	Indigenous
100	15 0047 . 2025	(Third Revision)			margenous
169	IS/ISO 8643 : 2017	Earth - Moving machinery -		_	Identical under single
105	ISO 8643 : 2017	Hydraulic excavator and backhoe			numbering
	ISO 8643:2017	loader boom lowering control			l manifering
	150 00 15.2017	device - Requirements and tests			
		(First Revision)			
170	IS 8647 : 2023	Design Criteria for Pneumatic		_	Indigenous
		Conveying Systems (First			
		Revision)			
171	IS/ISO 8811 : 2000	Earth - Moving machinery -		-	Identical under single
	ISO 8811 : 2000	Rollers and compactors -			numbering
	ISO 8811:2000	Terminology and commercial			
		specification			
172	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				
173	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			
174		Earth - Moving machinery - Engine	March, 2023	-	Identical under single
	ISO 9249 : 2007	test code - Net power			numbering
	Reviewed In: 2023				
	ISO 9249 : 2007				
175	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			
176	IS 9776 : 2023	DATA SHEET FOR SELECTION		-	Indigenous
		OF WEIGHING-CUM-			
		TIPPINGBAG FILLING			
		MACHINES FOR BULK			
4==	VG 0885 2025	HANDLING (First Revision)			.
177	IS 9777 : 2023	DATA SHEET FOR SELECTION		-	Indigenous
		OF WEIGH-BRIDGES FOR			
		BULK HANDLING			
		EQUIPMENT (First Revision)			

Standards under Development

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

Preliminary Draft Standards				
SI. No.	Doc No.	Title		
No Records Found				

Drafts Standards in WC Stage			
SI. No.	Doc No.	Title	
1	MED 7 (19317) Revision	EARTH MOVING MACHINERY ELEVATING SCRAPERS VOLUMETRIC RATINGS	
	of: IS 10856:1993		

	Draft Standards Completed WC Stage				
SI. No.	Doc No.	Title			
1	MED 7 (19314) Revision	GLOSSARY OF TERMS FOR BULK HANDLING EQUIPMENT PART 6 CYCLIC LOOSE			
	of: IS 10856:1993	BULK HANDLING EQUIPMENT NON STATIONARY			
2	MED 7 (19315) Revision	GLOSSARY OF TERMS FOR BULK HANDLING EQUIPMENT PART 2 STACKING			
	of: IS 10856:1993	LOADING AND RECLAIMING EQUIPMENT			
3	MED 7 (19316) Revision	DATA SHEET FOR DESIGN SELECTION OF VACUUM PRODUCER			
	of: IS 10856:1993				
4	MED 7 (20952) Revision	BULK HANDLING EQUIPMENT BAG STACKER CUM LOADER PORTABLE DESIGN			
	of: IS 10856:1993	AND CONSTRUCTION GENERAL REQUIREMENTS First Revision of IS 14704			
5	MED 7 (21121) Revision	BULK HANDLING EQUIPMENT WAGON MARSHALLING EQUIPMENT ENDLESS ROPE			
	of: IS 10856:1993	TYPE DATA SHEET			
6	MED 7 (21122) Revision	BULK HANDLING EQUIPMENT SHIP LOADER RAIL MOUNTED DESIGN			
	of: IS 10856:1993	MANUFACTURE AND ERECTION CODE OF PRACTICE			
7	MED 7 (21445) Revision	GENERAL REQUIREMENTS OF WAGON PULLERPUSHER First Revision			
	of: IS 10856:1993				
8	MED 7 (21447) Revision	BULK HANDLING EQUIPMENT CRAWLER TRACTORS DATA SHEET PART 1			
	of: IS 10856:1993	INFORMATION TO BE SUPPLIED BY PURCHASER Second Revision			
9	MED 7 (21449) Revision	BULK HANDLING EQUIPMENT CRAWLER TRACTORS DATA SHEET PART 2			
	of: IS 10856:1993	INFORMATION TO BE SUPPLIED BY MANUFACTURERSUPPLIER Second Revision			
10	MED 7 (21833) Revision	EARTH MOVING MACHINERY BASIC TYPES IDENTIFICATION AND VOCABULARY			
	of: IS 10856:1993				
11	MED 7 (23238)	EARTH-MOVING MACHINERY FUNCTIONAL SAFETY PART 2 DESIGN AND			
		EVALUATION OF HARDWARE AND ARCHITECTURE REQUIREMENTS FOR SAFETY-			
		RELATED PARTS OF THE CONTROL SYSTEM			
12	MED 7 (23239)	EARTH-MOVING MACHINERY FUNCTIONAL SAFETY PART 5 TABLES OF			
		PERFORMANCE LEVELS			
13	MED 7 (23240)	EARTH-MOVING MACHINERY COUPLING OF ATTACHMENTS TO SKID STEER			
1.4	MED 7 (222(0)	LOADERS EARTH MOVING MACHINERY COLLISION WARNING AND AVOID ANGERART I			
14	MED 7 (23268)	EARTH-MOVING MACHINERY COLLISION WARNING AND AVOIDANCE PART 1			
1.5	MED 7 (222(0)	GENERAL REQUIREMENTS EARTH-MOVING MACHINERY FUNCTIONAL SAFETY PART 4 DESIGN AND			
15	MED 7 (23269)				
		EVALUATION OF SOFTWARE AND DATA TRANSMISSION FOR SAFETY-RELATED			
16	MED 7 (22270)	PARTS OF THE CONTROL SYSTEM			
16	MED 7 (23270)	EARTH-MOVING MACHINERY OPERATOR ENCLOSURE ENVIRONMENT PART 6 DETERMINATION OF EFFECT OF SOLAR HEATING			
17	MED 7 (24665)	EARTH-MOVING MACHINERY OPERATOR ENCLOSURE ENVIRONMENT PART 1			
1 /	MED / (24003)	TERMS AND DEFINITIONS Adoption of ISO 10263-1			
18	MED 7 (24667)	EARTH-MOVING MACHINERY OPERATOR ENCLOSURE ENVIRONMENT PART 5			
10	MED / (2400/)	WINDSCREEN DEFROSTING SYSTEM TEST METHOD Adoption of ISO 10263-5			
	<u> </u>	WINDSCREEN DEFROSTING STSTEM TEST METHOD Adoption of 15O 10203-3			

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

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

Aspect Wise Report

Product: 79
Code of Practices: 18
Methods of Test: 25
Terminology: 17
Dimensions: 9
System Standard: 1
Safety Standard: 6
Others: 20

Service Specification: 0 Process Specification: 2 Unclassified: 0

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
2	15 10/04 : 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	Earth-moving Machinery - Definitions of Dimensions and Symbols - Part 4 Loaders - Terminology
	ISO 7131	and Commercial Specifications
5	IS 11115 : 1999	Earth-Moving Machinery - Human Physical Dimensions of Operators and Minimum Operator
	ISO 3411	Space Envelope
	Reviewed In: 2018	
6	IS 12138 : 1993	Earth-moving machinery - Basic types - Vocabulary
	ISO 6175	
	Reviewed In: 2009	
7	IS 12192 : 1993	Earth-moving Machinery - Hydraulic Excavators - Hoe Type Buckets - Volumetric Ratings
	ISO 7451	
	Reviewed In: 2009	
8	IS 12509 : 1988	Earth - Moving machinery - Lighting signaling and marking lights and reflex - Reflector devices
	Reviewed In: 2020 ANSI	
	IEEE 309	
9	IS 13769 : 1993	Earth moving machinery - Falling-object protective structures - Laboratory tests and performance
		requirements
10	IS/ISO 20474-1 : 2008	Earth Moving Machinery Safety Part 1 General Requirements
	Reviewed In: 2018	
11	IS/ISO 20474-2 : 2008	Earth-Moving Machinery Safety Part 2 Requirements for Tractor-Dozers
	ISO 20474_2 :2008	
	Reviewed In : 2018 ISO	
10	20474_2 :2008	Part Maria Making Cafeta Day 2 Day insurant for Landon
12	IS/ISO 20474-3 : 2008	Earth-Moving Machinery Safety Part 3 Requirements for Loaders
	ISO 20474_3 :2008 Reviewed In : 2018 ISO	
13	20474_3 :2008 IS/ISO 20474-4 : 2008	Earth-moving Machinery safetyPart 4 Requirements For Backhoe Loaders
13	ISO 20474 : PART 4 : 2008	
	Reviewed In : 2018 ISO	
	20474 : PART 4 : 2008	
14	IS/ISO 20474-5 : 2008	Earth-Moving Machinery Safety Part 5 Requirements for Hydraulic Excavators
17	ISO 20474-5 : 2008	Data Moving Machinery Survey Fart 5 Requirements for Hydraune Excavators
	Reviewed In : 2018 ISO	
	10010Wed III . 2010 ISO	

1	20474_5 :2008	1
15	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	
16	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	
17	IS/ISO 20474-8 : 2008	Earth-Moving Machinery - Safety Part 8 Requirements for Graders
	ISO 20474-8 : 2008	
	Reviewed In: 2017 N/A	
18	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	
19	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	
20	IS/ISO 20474-11 : 2008	Earth-Moving Machinery - Safety Part 11 Requirements for Earth and Landfill Compactors
	ISO 20474-11 : 2007	and the grant of the state of t
	Reviewed In: 2015 N/A	
21	IS/ISO 20474-12 : 2008	Earth-Moving Machinery - Safety Part 12 Requirements for Cable Excavators
	ISO 20474-12 : 2008	
	Reviewed In: 2015 ISO	
	20474-12 : 2008	
22	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	
23	IS 4988 (Part 1): 1969	Glossary of terms and classification of earth moving machinery Part 1 General terms
24	IS 4988 (Part 2) : 1968	Glossary of terms and classification of earth moving machinery Part 2 Dozers
24	Reviewed In : 2012	Glossary of terms and classification of earth moving machinery 1 art 2 Dozers
25	IS 4988 (Part 3): 1968	Glossary of terms and classification of earth moving machinery Part 3 Motor and towed scrappers
23	Reviewed In : 2012	Glossary of terms and classification of earth moving machinery 1 art 5 wotor and towed scrappers
26	IS 4988 (Part 4): 1968	Glossary of terms and classification of earth moving machinery Part 4 excavators
20	Reviewed In : 2022	Glossary of terms and classification of earth moving machinery fart 4 excuvators
27	IS 4988 (Part 5): 1968	Glossary of terms and classification of earth moving machinery Part 5 Motor graders
27	Reviewed In : 2012	Glossary of terms and classification of earth moving machinery facts Motor graders
28	IS 5007 : 1988	Dimensions for hand pallet trucks
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29	IS/ISO 509 : 1996	Hand pallet trucks - Dimensions
	Reviewed In: 2013	
30	IS 5769 : 1981	Coal cutting tools mushroom V-faced tungsten carbide tipped
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31	IS 5770 : 1982	Coal cutting tools mushroom flat-faced tungsten carbide tipped
	Reviewed In: 1992	
32	IS 5772 : 1982	Coal cutting tools parrot-beak flat faced tungsten carbide tipped
	Reviewed In: 1992	
33	IS 5773 : 1970 Reviewed In : 1990	Coal cutting tools straight bar V and FV-faced tungsten carbide tipped
34	IS 5774 : 1970	Coal cutting tools straight bar core breaker
34	Reviewed In : 1990	Coar cutting tools straight oar core dreaker
35	IS 5775 : 1970	Coal cutting tools radial flat faced tungsten carbide tipped
33	Reviewed In : 1990	Coar cutting tools factial fraction tungsten carolice upped
36	IS 5854 : 1970	Coal cutting tools radial V and FV-faced tungsten carbide tipped
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38	IS/ISO 6750 : 2005	Earth-moving machinery - operator s manual - Centent and format
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	6750 : 2005	
39	IS 6839 (Part 1): 1994	Glossary of terms relating to non-powered materials handling equipment Part 1 Castors and wheels
	ISO 2163	
	Reviewed In: 2007	
40	IS 7261 : 1985	Dimensions of top-plates for castors
41	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
		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
	ISO 10263-4:2009	
3	IS/ISO 10265 : 2008	Earth - Moving machinery - Crawler machines - Performance requirements and test procedures
	ISO 10265 : 2008	for braking systems
	Reviewed In: 2022 ISO	
	10265 : 2008	
4	IS 10303 : 1993	Earth moving machinery - Preservation and storage First Revision
	ISO 6749	
	Reviewed In: 2022 ISO	
	6749:1984	
5	IS 10506 : 1996	Trolley for carrying jute bales - Specification First Revision
	Reviewed In: 2022	
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
	ISO6484	
	Reviewed In: 2022 ISO	
10	6484:1986	Fort Maria we kinesa Danasak dia Walanatah ating First Position
10	IS 10859 : 1993	Earth - Moving machinery - Dumper bodies - Volumetric ratings First Revision
	ISO 6483	
	Reviewed In : 2023 ISO 6483:1980	
11	IS 11113 : 1999	Earth-moving machinery and tractors and machinery for agriculture and forestry - Seat index point
11	ISO 5353	second revision
	Reviewed In : 2022 ISO	Second revision
	5353:1995	
12	IS 11252 : 1993	Earth - Moving machinery - Zones of comfort and reach for controls First Revision
12	ISO 6682	Zarai Proving machinery Zones of controls and reach for controls 1 his Revision
	Reviewed In : 2022 ISO	
	6682:1986	
13	IS 11496 : 1985	General and performance test requirements of pallet truck and stillage truck
	Reviewed In: 2022	Paris and some formation of function and some fine for the first fine for the first fine for the first first fine for the first firs
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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 : 1987	General requirements of wagon puller pusher
	Reviewed In: 2023	
16	IS 12206 : 1993	Earth - Moving machinery - Loader and front loading excavator buckets - Volumetric ratings First
	ISO 7546	Revision
	Reviewed In: 2022 ISO	
	7546 :1983	
17	IS 12402 (Part 1): 1988	Mobile containers for solid waste Part 1 general characteristics
1,	Reviewed In : 2022	Mobile containers for solid waste 1 art 1 general characteristics
18	IS/ISO 12509 : 2004	Earth - Moving machinery - Lighting signaling and marking lights and reflex - Reflector devices
10	ISO 12509 : 2004	Latti - Woving machinery - Lighting signaming and marking rights and reflex - Reflector devices
10	ISO 12509 : 2004	First Marin and him Condensed about the description First
19	IS 12645 : 1993	Earth - Moving machinery - Crawler and wheel tractor dozer blades - Volumetric ratings First
	ISO 9246	Revision
	Reviewed In: 2020 ISO	
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20	IS 13065 : 1991	Bulk handling equipment - Wagon marshalling equipment - Endless rope type - General
	Reviewed In: 2022	requirements
21	IS 13076 : 1991	Hand trolley for carrying mail bags - Specification
	Reviewed In: 2023	
22	IS 13253 : 1992	Earth - Moving machinery - Diagnostic ports
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23	IS/ISO 13766-1 : 2018	Earth-Moving and Building Construction Machinery - Electromagnetic Compatibility EMC of
	ISO 13766-1 : 2018	Machines with Internal Electrical Power Supply Part 1 General EMC Requirements Under Typical
	ISO 13766 -1:201	Electromagnetic Environmental Conditions
24	IS 13811 : 2023	Air Cargo Bulk Trolley - Specification First Revision
25	IS 13936 : 1994	Bulk handling equipment - Wheeled loaders - General requirements
	Reviewed In: 2023	
26	IS 13951 : 1994	Heavy item lift platform for aircraft airport operations - General requirements
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27	IS 13989 : 1994	Bulk handling equipment - Bagging machines Mechanical Type - Design and construction -
	Reviewed In: 2023	General requirements
28	IS 13992 : 1994	Bulk handling equipment - Bagging machines Electronic Type - Design and construction - General
	Reviewed In: 2023	requirements
29	IS 14130 : 2023	Hydraulic Lifting Table - Specification First Revision
	15 1 1150 1 2025	The specification of the state
30	IS 14704 : 1999	Bulk handling equipment - Bag stacker - Cum - Loader unloader - Portable - Design and
	Reviewed In : 2023	construction - General requirements
31	IS/ISO 14990-2 : 2016	Earth-Moving Machinery - Electrical Safety of Machines Utilizing Electric Drives and Related
	ISO 14990-2 : 2016	Components and Systems Part 2 Particular Requirements for Externally-Powered Machines
	ISO 14990-2:2016	Composition and Systems 1 are 2.1 articular requirements for Externally-1 owered relatinites
32	IS/ISO 14990-3 : 2016	Earth-Moving Machinery - Electrical Safety of Machines Utilizing Electric Drives and Related
	ISO 14990-3 : 2016	Components and Systems Part 3 Particular Requirements for Self-Powered Machines
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33	IS 15367 (Part 1) : 2003	Bulk handling equipment - Stacker Rail Mounted Part 1 general requirements
	Reviewed In : 2023	Buik handing equipment - Stacker Ran Wounted Fart 1 general requirements
34	IS/ISO 15818 : 2017	Earth-Moving Machinery - Lifting and Tying-Down Attachment Points - Performance
34	53.100	
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25	ISO 15818:2017	Fouth Maying Machinery, Object Detection Contents on J. Vielle 114 - Add - Deute
35	IS/ISO 16001 : 2017	Earth-Moving Machinery - Object Detection Systems and Visibility Aids - Performance
	ISO 16001 : 2017	Requirements and Tests
26	ISO 16001:2017	Desformance Designments and Test Describer of Desline Co. C. Will 1.1. XX.1.C. 1
36	IS 16479 : 2020	Performance Requirements and Test Procedures of Braking Systems for Wheeled or High-Speed

1	1	Rubber Tracked Earth Moving Machines and Construction Equipment Vehicles First Revision
	ISO 3450:2011	
37	IS 16480 : 2018	Earth moving machinery - Rubber tyred machines - Steering requirements
	Reviewed In: 2023 iso	
38	5010:2007 IS 17055 (Part 1) : 2019	Earth-Moving Machinery - Safety Part 1 General Requirements
30	ISO 20474-2 : 2017	Earth-Moving Machinery - Sarety Part 1 General Requirements
	Reviewed In : 2024	
39	IS 17055 (Part 2): 2020	Earth-Moving Machinery - Safety Part 2 Requirements for Tractor Dozers second revision
	ISO 20474-2	
40	IS 17055 (Part 3): 2018	Earth - Moving machinery - Safety Part 3 requirements for loaders
	Reviewed In: 2023 20474	
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41	IS 17055 (Part 4) : 2020	Earth-Moving Machinery Safety Part 4 Requirements for Backhoe Loaders Second Revision
	ISO 20474-4	
42	IS 17055 (Part 5): 2018	Earth - Moving machinery - Safety Part 5 requirements for hydraulic excavators
	D : 11 2022 100	
	Reviewed In : 2023 ISO 20474 Part 5:201	
43	17055 : 2021	Earth - Moving Machinery - Safety Part 6 Requirements for Dumpers Second Revision
13	17033.2021	Later Woving Machinery Sarety Fart o Requirements for Dumpers Second Revision
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44	IS 17055 (Part 7): 2020	Earth-Moving Machinery Safety Part 7 Requirements for Scrapers Second Revision
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45	ISO 20474-7	Fouth Maring Machinery Cofety Dout 9 Dequipments For Creders Cocond Davision
43	IS 17055 (Part 8) : 2020	Earth-Moving Machinery Safety Part 8 Requirements For Graders Second Revision
	ISO 20474-8	
46	IS 17055 (Part 9): 2020	Earth-Moving Machinery Safety Part 9 Requirements for Pipelayers Second Revision
	ISO 20474-9	
47	IS 17055 (Part 10): 2020	Earth-Moving Machinery Safety Part 10 Requirements for Trenchers Second Revision
	ISO 20474-10	
48	IS 17055 (Part 11) : 2020	Earth-Moving Machinery Safety Part 11 Requirements for Earth and Landfill Compactors Second
		Revision
	ISO 20474-11	
49	IS 17055 (Part 12): 2020	Earth-Moving Machinery Safety Part 12 Requirements for Cable Excavators Second Revision
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50	ISO 20474-12 IS 17055 (Part 13) : 2020	Earth-Moving Machinery Safety Part 13 Requirements for Rollers Second Revision
	15 17055 (1 att 15) . 2020	Earth-Proving Machinery Sarcty 1 art 13 Requirements for Robers Second Revision
	ISO 20474-13	
51	IS 17055 (Part 15): 2020	Earth-Moving Machinery Safety Part 15 Requirements for Compact Tool Carriers
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50	iso 20474-15	Contains and Wheels Developments for Co. 1. C. T. 11
52	IS 17523 : 2021 ISO 22879 : 2016	Castors and Wheels - Requirements for Castors for Furniture
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53	IS 17524 : 2021	Castors and Wheels - Requirements for Castors for Swivel Chairs
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54	IS/ISO 21507 : 2010	Earth - Moving machinery - Performance requirements for non - Metallic fuel tanks
	ISO 21507 : 2010 ISO 21507 : 2010	
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37	ISO 10944:2009	Specification for steer wheeroarrows single-wheer type first revision
58	IS/ISO 2867 : 2011	Earth - Moving machinery - Access systems
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	2867 : 2011	
59	IS/ISO 3411 : 2007	Earth - Moving machinery - Physical dimensions of operators and minimum operator space
	ISO 3411 : 2007	envelope
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60	IS/ISO 3449 : 2005	Earth - Moving machinery - Falling - Opject protective structures - Laboratory tests and
	Reviewed In: 2022 ISO	performance requirements
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62	IS/ISO3471 3471 : 2008	Earth-Moving Machinery - Roll-Over Protective Structures-Laboratory Tests and Performance
	ISO 3471 : 2008	Requirements
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63	IS/ISO 3795 : 1989	Road Vehicles and Tractors and Machinery for Agriculture and Forestry - Determination of
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64	IS 4184 : 2023	Steel Wheelbarrows with Two Wheels - Specification First Revision
65	IS 4616 : 1968	Specification for sheepsfoot roller
	Reviewed In: 2022	
66	IS/ISO5006 5006 : 2017	Earth-Moving Machinery - Operators Field of View - Test Method and Performance Criteria First
	ISO 5006 : 2017	Revision
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67	2023 ISO5006 : 2006 IS/ISO 5010 : 2019	Forth Montan Making What I Making Charles Devian and Cine and in
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68	IS 5324 : 2023	Hand-Operated Stillage Truck - Lifting Truck Hand Elevating - Specification Third Revision
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69	IS 5500 (Part 1): 2004	Vibratory roller - General requirements Part 1 self - Propelled tandem drum Second Revision
	Reviewed In: 2020	
70	IS 5500 (Part 2): 2004	Vibratory roller - General requirements Part 2 self - Propelled single drum Third Revision
	Reviewed In: 2020	
71	IS 5501 : 2021	Specification for Pneumatic Tyred Roller first revision
	ISO 10524-1 : 2018	
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73	IS/ISO 6683 : 2005	Earth-Moving Machinery - Seat Belts and Seat Belt Anchorages - Performance Requirements and
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74	IS/ISO 7451 : 2007	Earth - Moving machinery - Volumetric ratings for hoe - Type and grab - Type buckets of
/+	Reviewed In : 2023 ISO	hydraulic excavators and backhoe loaders
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75	IS 8015 : 2023	Hand Trolley for Oil Drums - Specification Second Revision
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	76	IS 8016 : 2023	Hand Trolley for Gas Cylinders Oxygen and Dissolved Acetylene for Industrial use - Specification
L			First Revision
	77	IS 8049 : 2023	Platform Trucks - Specification Third Revision
	78	IS/ISO 8643 : 2017	Earth - Moving machinery - Hydraulic excavator and backhoe loader boom lowering control
		ISO 8643 : 2017	device - Requirements and tests First Revision
		ISO 8643:2017	
	79	IS/ISO 9249 : 2007	Earth - Moving machinery - Engine test code - Net power
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