

BUREAU OF INDIAN STANDARDS

Program of Work

TED 2 : Automotive Primemovers, Transmission Systems and Internal Combustion Engine

Scope: a) Standardization relating to automotive engines and transmission, components, Stationary Internal Combustion engines for agriculture and general. b) Co-ordination of work with ISO/ TC 22 and its Sub-committee ISO/ TC 22/ SC 34, c) Co-ordination of work with ISO/ TC 70 and its Sub-committees ISO/ TC 70/ SC 7 and ISO/ TC 70/ SC 8.

Liaison: **ISO TC-22 SC-34 (P): Propulsion, powertrain and powertrain fluids ISO TC-70 (P): Internal combustion engines ISO TC-70 SC-7 (P): Tests for lubricating oil filters ISO TC-70 SC-8 (P): Exhaust gas emission measurement ISO TC-22 SC-34 (P): Propulsion, powertrain and powertrain fluids ISO TC-70 (P): Internal combustion engines ISO TC-70 SC-7 (P): Tests for lubricating oil filters ISO TC-70 SC-8 (P): Exhaust gas emission measurement**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS/ISO -10:2022 ISO 8528-10:2022 ISO 8528-10:2022	Reciprocating Internal Combustion Engine Driven Alternating Current Generating Sets Part 10 Measurement of Airborne Noise (First Revision)		-	Identical under single numbering
2	IS 10000 (Part 5):1980	Methods of tests for internal combustion engines: Part 5 preparation for tests and measurements for wear	November, 2020	1	Indigenous
3	IS 10000 (Part 6):1980	Methods of tests for internal combustion engines: Part 6 recording of test results	November, 2020	1	Indigenous
4	IS 10000 (Part 7):1980	Methods of tests for internal combustion, engines: Part 7 governing tests for constant speed engines and selection of engines for use with electrical generators	November, 2020	2	Indigenous
5	IS 10000 (Part 8):1980	Methods of tests for internal combustion engines Part 8 performance tests	November, 2020	-	Indigenous
6	IS 10000 (Part 9):1980	Methods of tests for internal combustion engines: Part 9 endurance tests	November, 2020	-	Indigenous
7	IS 10000 (Part 10):1980	Methods of tests for internal combustion engines: Part 10 tests for smoke levels, limits and corrections for smoke levels for variable ,speed compression ignition engines	November, 2020	-	Indigenous
8	IS 10000 (Part 12):1980	Methods of tests for internal combustion engines: Part 12	November, 2020	-	Indigenous

		specimen test certificates			
9	IS 10000 (Part 4):1980	Methods of tests for internal combustion engines: Part 4 declaration of power, efficiency, fuel consumption and lubricating oil consumption	November, 2020	1	Indigenous
10	IS 10000 (Part 1):1980	Methods of tests for internal combustion engines: Part 1 glossary of terms relating to test methods	November, 2020	-	Indigenous
11	IS 10000 (Part 11):1980	Methods of tests for internal combustion engines: Part 11 information to be supplied by the purchaser to the manufacturer and information to be supplied by the manufacturer along with the engine	November, 2020	-	Indigenous
12	IS 10000 (Part 13):2002	Methods of tests for internal combustion engines: Part 13 recommendations on nature of tests required for functional changes in critical components	May, 2025	1	Indigenous
13	IS 10000 (Part 2):1980	Methods of tests for internal combustion engines Part 2 standard reference conditions	November, 2020	1	Indigenous
14	IS 10000 (Part 3):1980	Methods of tests for internal combustion engines: Part 3 measurements for testing - Units and limits of accuracy	November, 2020	1	Indigenous
15	IS 10001:1981 ISO 3046 ISO 3046	Performance Requirements for Constant Speed Compression Ignition (diesel) engines for general purposes (up to 20 kW)	July, 2021	6	Modified/Technically Equivalent
16	IS 10002:1981 ISO 3046 ISO 3046	Specification for performance requirements for constant speed compression ignition (Diesel) engines for general purposes (Above 20 KW)	July, 2021	3	Modified/Technically Equivalent
17	IS 10105:1982 Decision taken to Reaffirm and Archive	Specification for fittings for cylinder pressure indicators for internal combustion engines	January, 2024	1	Indigenous
18	IS 10323:2019 Decision taken to Reaffirm and Archive	Crank and chain wheel for moped - Specification (First Revision)	June, 2025	-	Indigenous
19	IS 10478:2018 ISO 6519 : 2015 Decision taken to Reaffirm and Archive ISO 6519:2015	Diesel engines - Fuel injection pumps - Tapers for shaft ends and hubs (Second Revision)	June, 2025	-	Identical under dual numbering
20	IS 10533:1983 Decision taken to Reaffirm and	Specification for valve guides for internal combustion engines	January, 2024	-	Indigenous

	Archive				
21	IS 10651:2019 Decision taken to Reaffirm and Archive	Hub axle, front for moped - Specification (First Revision)	June, 2025	-	Indigenous
22	IS 10652:2019 Decision taken to Reaffirm and Archive	Pedal assembly for moped - Specification (First Revision)	June, 2025	-	Indigenous
23	IS 10653:2019 Decision taken to Reaffirm and Archive	Hub axle, rear, for moped - Specification (First Revision)	June, 2025	-	Indigenous
24	IS 11139:2019 Decision taken to Reaffirm and Archive	Adjusters for control cables for moped - Specification (First Revision)	June, 2025	-	Indigenous
25	IS 11170:1985 ISO 3046 ISO 3046	Specification for 1 performance requirements for constant speed compression ignition (Diesel) engines for agricultural purposes (Up To 20 KW)	July, 2021	4	Modified/Technically Equivalent
26	IS 11509 (Part 1):2012 ISO 4548-1 : 1997 Decision taken to Reaffirm and Archive ISO 4548-1:1997	Methods of test for full - Flow lubricating oil filters for internal combustion engines: Part 1 differential pressure/flow characteristics (First Revision)	January, 2024	-	Identical under dual numbering
27	IS 11509 (Part 2):2012 ISO 4548-2 : 1997 Decision taken to Reaffirm and Archive ISO 4548-2:1997	Methods of test for full - Flow lubricating oil filters for internal combustion engines: Part 2 element by - Pass valve characteristics (First Revision)	January, 2024	-	Identical under dual numbering
28	IS 11509 (Part 3):2012 ISO 4548-3 : 1997 Decision taken to Reaffirm and Archive ISO 4548-3:1997	Methods of test for full - Flow lubricating oil filters for internal combustion engines: Part 3 resistance to high differential pressure and to elevated temperature (First Revision)	January, 2024	-	Identical under dual numbering
29	IS 11509 (Part 5):2023 ISO 4548-5:2020 ISO 4548-5:2020	Method of test for full-flow lubricating oil filters for internal combustion engines - Part 5: Test for hydraulic pulse durability		-	Identical under dual numbering
30	IS 11838:1986	Recommendations for	July, 2021	1	Indigenous

		measurement of quality characteristics of gudgeon pins			
31	IS 12025:1987	Recommendations for measurement of quality characteristics for pistons	January, 2024	1	Indigenous
32	IS 12352:1988	Specification for fuel injection pump mounting bolts	January, 2024	-	Indigenous
33	IS 12404:1988	Specification for couplings for driving fuel injection pumps	January, 2024	-	Indigenous
34	IS 12455:1988	Performance requirements of aircooled spark ignition automotive engines	January, 2024	-	Indigenous
35	IS 12460:1988 Decision taken to Reaffirm and Archive	Automotive vehicles - Transmission systems - Manual control sequence in automatic transmissions - Recommendations	January, 2024	1	Indigenous
36	IS 12499:1988 Decision taken to Reaffirm and Archive	Specification for two stage, 0.5 litre diesel fuel filters	January, 2024	-	Indigenous
37	IS 12500:1988 Decision taken to Reaffirm and Archive	Specification for 0.2 litre diesel fuel filters	January, 2024	-	Indigenous
38	IS 12535 (Part 1):1988	Automotive vehicles - Transmission systems - Glossary: Part 1 general definitions	June, 2025	-	Indigenous
39	IS 12535 (Part 2):1991	Automotive vehicles - Transmission systems - Glossary: Part 2 universal joints and driveshafts	July, 2021	-	Indigenous
40	IS 12535 (Part 3):1991	Automotive vehicles - Transmission systems - Glossary: Part 3 drive axles definitions	July, 2021	-	Indigenous
41	IS 12587:1989	Automotive vehicles - Transmission system - Gear arrangement - Recommendations	June, 2025	-	Indigenous
42	IS 12902:1990 ISO 7646 Decision taken to Reaffirm and Archive ISO 7646:1986	Commercial vehicles and buses - Gearbox flanges - Type A	November, 2024	-	Identical under dual numbering
43	IS 12903:1990 ISO 7647 Decision taken to Reaffirm and Archive ISO 7647:1986	Commercial vehicles and buses - Gearbox flanges - Type S	November, 2024	-	Identical under dual numbering
44	IS 12904:1990 ISO 7648 Decision taken to Reaffirm and	Flywheel housings for reciprocating internal combustion engines - Nominal dimensions and tolerances	November, 2024	-	Identical under dual numbering

	Archive ISO 7648:1987				
45	IS 12905:1990 ISO 7653 Decision taken to Reaffirm and Archive ISO 7653:1985	Commercial Vehicles-couplings Between Power Take-offs (PTO's) and Ancillary Driven Units	November, 2024	-	Identical under dual numbering
46	IS 12972:1990 ISO 7707 Decision taken to Reaffirm and Archive ISO 7707:1986	Commercial road vehicles - Connections for rear - Mounted power take - Offs (PTO)	November, 2024	-	Identical under dual numbering
47	IS 12973:1990 ISO 7804 Decision taken to Reaffirm and Archive ISO 7804:1985	Commercial road vehicles - Side openings for truck power take - Offs (PTO)	November, 2024	-	Identical under dual numbering
48	IS 12978:2006 ISO 8667 ISO 8667:1992	Commercial vehicles and buses - Cross - Tooth gearbox flanges, type T (First Revision)	November, 2020	-	Identical under dual numbering
49	IS 12996:1990 Decision taken to Reaffirm and Archive	Internal combustion engines radiator pressure caps - Specification	June, 2025	-	Indigenous
50	IS 13016:1991	Internal combustion engines - Radiator drain cocks - Specification	November, 2020	-	Indigenous
51	IS 13018:1990 Decision taken to Reaffirm and Archive	Internal combustion of test for pressure engines - Method charged engines	June, 2025	-	Indigenous
52	IS 13029:1991	Internal combustion engines - setting ignition timing in spark ignition engines - Code of practice	May, 2025	-	Indigenous
53	IS 13050:1991	Internal combustion engines - Valve seat inserts - Specification	November, 2020	-	Indigenous
54	IS 13051:1991	Internal combustion engines radiator fans - Specification	November, 2020	-	Indigenous
55	IS 13052:1991	Internal combustion engines - Cylinder liners - Quality characteristics	November, 2020	-	Indigenous
56	IS 13090:2018 ISO 7649 Decision taken to Reaffirm and Archive ISO 7649:1991	Automotive vehicles - Commercial vehicles - Clutch housings - Dimensions (First Revision)	June, 2025	-	Modified/Technically Equivalent
57	IS 13686:1993	Internal combustion engines radiators - Methods of test	June, 2025	-	Indigenous
58	IS 13687:1993	Internal combustion engines -	June, 2025	-	Indigenous

		Radiators - Heat dissipation performance - Method of test			
59	IS 13824:1993	Internal combustion engines - Method of verification of emission of crankcase gases for vehicles powered with four stroke spark ignition engines	June, 2025	-	Indigenous
60	IS 14273:1999	Automotive vehicles - Exhaust emissions - Gaseous pollutants from vehicles fitted with compression ignition engines - Method of measurement	June, 2025	-	Indigenous
61	IS 14511 (Part 1):2007 ISO 8984-1 ISO 8984-1:1993	Diesel engines - Testing of fuel injectors: Part 1 hand - Lever - Operated testing and setting apparatus (First Revision)	January, 2024	-	Identical under dual numbering
62	IS 14511 (Part 2):2007 ISO 8984-2 ISO 8984-2:1993	Diesel engines - Testing of fuel injectors: Part 2 test methods (First Revision)	January, 2024	-	Identical under dual numbering
63	IS 14553:2008	Automotive vehicles - Apparatus for the measurement of opacity (Smoke) of exhaust gas from vehicles equipped with compression ignition engines - Specification (First Revision)	June, 2025	-	Indigenous
64	IS 14599:1999	Automotive vehicles - Performance requirements (Measurement Of Power, SFC, Opacity) of positive and compression ignition engines - Method of test	June, 2025	-	Indigenous
65	IS 14600:1999 Decision taken to Reaffirm and Archive	Automotive vehicles - Exhaust emissions - Gaseous pollutants from vehicles equipped with internal combustion engines - Method of measurement	June, 2025	-	Indigenous
66	IS 1543:1964	Specification for single cylinder fuel injection pumps (Revised)	March, 2023	1	Indigenous
67	IS 15653:2021 ISO 2710-2:2019 ISO 2710-2:2019	Reciprocating internal combustion engine - Vocabulary - Terms for engine maintenance		-	Identical under dual numbering
68	IS 16057:2013	Lpg operated internal combustion engines - Safety and performance requirements - Specification	June, 2025	-	Indigenous
69	IS 17019:2018	Gear / gerotor oil pump for motorcycle / scooter / moped - Specification	June, 2025	-	Indigenous
70	IS 17042 (Part 4):2018 ISO 22241-4 : 2009 ISO 22241-4	Diesel Engines " NOX Reduction Agent AUS 32 Part 4 Refilling Interface	January, 2024	-	Identical under dual numbering
71	IS 17042 (Part 5):2018 ISO 22241-5 : 2012 ISO 22241-5	Diesel engines - Nox reduction agent aus 32: Part 5 refilling interface for passenger cars	June, 2025	-	Identical under dual numbering
72	IS 19520 (Part 3):2026	INTERNAL COMBUSTION ENGINES - PISTON RINGS - PART 3: COIL-SPRING-		-	

		LOADED OIL CONTROL RINGS MADE OF STEEL			
73	IS 19521:2026	INTERNAL COMBUSTION ENGINES — PISTON RINGS — EXPANDER RAIL OIL-CONTROL RINGS		-	
74	IS 19538:2026	Internal Combustion Engines - Piston Rings - Oil Control Rings		-	
75	IS 2765:1982	Specification for radiator hose (First Revision)	November, 2020	1	Indigenous
76	IS 3169:1991	Internal combustion engines - Two stage, one litre, diesel fuel filters (First Revision)	November, 2020	1	Indigenous
77	IS 3170 (Part 1):2006 ISO 2697 ISO 2697:1999	Internal Combustion Engines - Fuel Injection Nozzles Part 1 Injection Nozzles - Size 'S'	November, 2020	-	Identical under dual numbering
78	IS 3170 (Part 2):2006 ISO 4010 ISO 4010:1998	Internal combustion engines - Fuel injection nozzles: Part 2 calibrating nozzle, delay pintle type (First Revision)	November, 2020	-	Identical under dual numbering
79	IS 3171 (Part 1):1997 ISO 2699 Decision taken to Reaffirm and Archive ISO 2699:1994	Internal Combustion Engines - Fuel Injection Nozzle Holders - Part 1 : Flange Mounted Fuel Injectors Size 'S' Types 2, 3, 4, 5 and 6	November, 2024	-	Identical under dual numbering
80	IS 3171 (Part 2):2006 ISO 7026 Decision taken to Reaffirm and Archive ISO 7026:1997	Internal Combustion Engines - Fuel Injection Nozzle Holders - Part 2 : Screw-in Injection Nozzle Holders, Types 20, 21, 21.1 and 27 for Pintle Nozzle Size 'S', Type B	May, 2025	-	Identical under dual numbering
81	IS 3171 (Part 3):1997 ISO 7030 Decision taken to Reaffirm and Archive ISO 7030:1987	Internal combustion engines - Fuel injection nozzle holders: Part 3 screw mounted injection nozzle holders, types 12,13,14,15,16,17,18 and 19	November, 2024	-	Identical under dual numbering
82	IS 3172:1997	Internal combustion engines - Fuel injection equipment - Single and double ended pipe unions (Single And Double Ended Banjo) - Specification (Second Revision)	July, 2021	1	Indigenous
83	IS 3173:1965	Specification for high pressure connections for fuel injection equipment for diesel engines	March, 2022	-	Indigenous
84	IS 3174:1974	Specification for pipe union bolt (First Revision)	March, 2023	-	Indigenous
85	IS 3175:2013 Decision taken to Reaffirm and	Internal combustion engine - Sealing washers for pipe unions - Specification (Second Revision)	January, 2024	-	Indigenous

	Archive				
86	IS 3351:2006 4020 ISO 4020:2001	Road vehicles - Fuel filters for diesel . engines - Test methods (Second Revision)	November, 2020	-	Identical under dual numbering
87	IS 3649:2018	Automotive vehicles - Clutch facing for automotive transmission - Specification (First Revision)	June, 2025	-	Indigenous
88	IS 4530:2006	General requirements for positioning and routing of engine exhaust pipes in motor vehicles (First Revision)	June, 2025	-	Indigenous
89	IS 5791:2006 ISO 6621-3 ISO 6621-3:2000	Internal combustion engines - Piston rings - Material specifications (Third Revision)	November, 2020	-	Identical under dual numbering
90	IS/ISO 6621-1:2018 ISO 6621 : Part 1 ISO 6621-1:2018	Internal Combustion Engines — Piston Rings Part 1 Vocabulary (First Revision)	June, 2025	-	Identical under single numbering
91	IS/ISO 6621-5:2020	INTERNAL COMBUSTION ENGINES PISTON RINGS PART 5: QUALITY REQUIREMENTS		-	
92	IS/ISO 6621-2:2020 ISO 6621-2:2020 ISO 6621-2:2020	Internal combustion engines - Piston rings - Part 2: Inspection measuring principles		-	Identical under single numbering
93	IS 6740:1985	Specification for gudgeon pins for internal combustion engines (First Revision)	May, 2025	1	Indigenous
94	IS 6750:1985	Specification for cylinder liners for internal combustion engines (First Revision)	May, 2025	-	Indigenous
95	IS 7347:1974	SPECIFICATION FOR PERFORMANCE OF SMALL SIZE SPARK IGNITION ENGINES FOR AGRICULTURAL WATER PUMPS, SPRAYERS, TILLERS, REAPERS AND OTHER SIMILAR APPLICATIONS	August, 2021	4	Indigenous
96	IS 7449 (Part 1):1974 Decision taken to Reaffirm and Archive	Glossary of terms for IC engines: Part 1 fuel injection equipment	June, 2025	-	Indigenous
97	IS 7451 (Part 6):2007 ISO 2261 ISO 2261:1994	Reciprocating internal combustion engines: Part 6 hand - Operated control devices - Standard direction of motion (First Revision)	January, 2024	-	Identical under dual numbering
98	IS 7451 (Part 1):2020 ISO 2710-1 : 2017 ISO 2710-1:2017	Reciprocating Internal Combustion Engines — Vocabulary Part 1 Terms for Engine Design and Operation (Second Revision)	June, 2025	-	Identical under dual numbering
99	IS 7451 (Part 2):2006 ISO 1204 ISO 1204:1990	Reciprocating internal combustion engines: Part 2 designation of the direction of rotation and of cylinders and valves in cylinder heads, and definition of right - Hand and left - Hand in - Line engines and locations on an engine (First Revision)	July, 2021	-	Identical under dual numbering

100	IS 7611:1993	Internal combustion engines radiators - Specification (First Revision)	June, 2025	-	Indigenous
101	IS 7657 (Part 1):1975	Specification for starter ring gears for internal combustion engines: Part 1 gears for inertia and solenoid pre - Engaged starters	March, 2023	1	Indigenous
102	IS 7657 (Part 2):2025	STARTER RING GEARS FOR INTERNAL COMBUSTION ENGINES $i_c^{1/2}$ PART 2: GEARS FOR AXIAL AND COAXIAL STARTERS $i_c^{1/2}$ SPECIFICATION (First Revision)		-	Indigenous
103	IS 810:1991	Internal combustion engines - Engine valves - Specification (Second Revision)	November, 2020	-	Indigenous
104	IS 8118:2008	Automotive vehicles - Opacity (Smoke) of exhaust gas from vehicles equipped with compression ignition engines operating under free acceleration - Method of measurement (Third Revision)	June, 2025	-	Indigenous
105	IS/ISO 8178-7:2015 ISO 8178 : Part 7 : 2015 ISO 8178-7:2015	Reciprocating internal combustion engine - Exhaust emission measurement: Part 7 engine family determination (First Revision)	November, 2020	-	Identical under single numbering
106	IS/ISO 8178-1:2023 ISO 8178-1:2020 ISO 8178-1:2020	Reciprocating internal combustion engines Exhaust emission measurement Part 1: Test bed measurement systems of gaseous and particulate emissions		-	Identical under single numbering
107	IS/ISO 8178-4:2020 ISO 8178-4:2020 ISO 8178-4:2020	Reciprocating internal combustion engines Exhaust emission measurement Part 4: Steady-state and transient test cycles for different engine applications		-	Identical under single numbering
108	IS/ISO 8178-3:2019 ISO 8178-3:2019 ISO 8178-3:2019	Reciprocating internal combustion engines - Exhaust emission measurement - Part 3: Test procedures for measurement of exhaust gas smoke emissions from compression ignition engines using a filter type smoke meter	June, 2025	-	Identical under single numbering
109	IS/ISO 8178-9:2019 ISO 8178-9:2019 ISO 8178-9:2019	Reciprocating internal combustion engines - Exhaust emission measurement - Part 9: Test cycles and test procedures for measurement of exhaust gas smoke emissions from compression ignition engines using an opacimeter	June, 2025	-	Identical under single numbering
110	IS/ISO 8178-8:2015 ISO 8178-8 : 2015 ISO 8178-8:1994	Reciprocating internal combustion engines - Exhaust emission measurement: Part 8 engine group determination	November, 2020	-	Identical under single numbering
111	IS 8422 (Part 1):1977	Specification for piston rings for IC engines: Part 1 plain compression rings from 30 up to	June, 2025	-	Indigenous

		200 mm nominal diameter R - Rings			
112	IS 8422 (Part 2):1977	Specification for piston rings for IC engines: Part 2 taper faced compression rings from 30 up to 200 mm nominal diameter M - Rings	June, 2025	-	Indigenous
113	IS 8422 (Part 3):1977	Specification for piston rings for IC engines: Part 3 keystone rings from 82 up to 200 mm nominal diameter T - Rings 15	June, 2025	-	Indigenous
114	IS 8422 (Part 4):1977	Specification for piston rings for IC engines: Part 4 napier oil scraper rings from 30 up to 200 mm nominal diameter N - Rings	June, 2025	-	Indigenous
115	IS 8422 (Part 5):1977	Specification for piston rings for IC engines: Part 5 stepped oil scraper rings from 30 up to 200 mm nominal diameter Z - Rings	June, 2025	-	Indigenous
116	IS 8422 (Part 6):1977	Specification for piston rings for IC engines: Part 6 slotted oil control rings from 50 up to 200 mm nominal diameter S - Rings	June, 2025	-	Indigenous
117	IS 8422 (Part 7):1977	Specification for piston rings for IC engines: Part 7 double bevelled slotted oil control rings from 50 up to 200 mm nominal diameter G - Rings	June, 2025	-	Indigenous
118	IS 8422 (Part 8):1977	Specification for piston rings for IC engines: Part 8 narrow land slotted oil control rings from 50 up to 200 mm nominal diameter D - Rings	June, 2025	-	Indigenous
119	IS 8503:1986	Technical supply conditions for aluminium alloy pistons for internal combustion engines (First Revision)	November, 2020	-	Indigenous
120	IS/ISO 8528-5:2024 ISO 8528-5:2022 ISO 8528-5:2022	Reciprocating Internal Combustion Engine Driven Alternating Current Generating Sets Part 5 Generating Sets (Second Revision)		-	Identical under single numbering
121	IS/ISO 8528-12:2022 ISO 8528-12:2022 ISO 8528-12:2022	RECIPROCATING INTERNAL COMBUSTION ENGINE DRIVEN ALTERNATING CURRENT GENERATING SETS PART 12: EMERGENCY POWER SUPPLY TO SAFETY SERVICES (First Revision)		-	Identical under single numbering
122	IS/ISO 8528-1:2018 ISO 8528-1:2018	Reciprocating Internal Combustion Engine Driven Alternating Current Generating Sets Part 1 Application, Ratings and Performance (First Revision)	August, 2024	-	Identical under single numbering
123	IS/ISO 8528-4:2005 ISO 8528-4:2005	Reciprocating internal combustion engine driven alternating current generating sets: Part 4 controlgear and switchgear	January, 2024	-	Identical under single numbering
124	IS/ISO 8528-6:2005	Reciprocating internal combustion engine driven alternating current	June, 2025	-	Identical under single numbering

	Decision taken to Reaffirm and Archive ISO 8528-6:2005	generating sets: Part 6 test methods			
125	IS/ISO 8528-7:2017 ISO 8528-7 : 2017 ISO 8528-7:2017	Reciprocating Internal Combustion Engine Driven Alternating Current Generating Sets Part 7 Technical Declarations for Specification and Design (First Revision)	January, 2024	-	Identical under single numbering
126	IS/ISO 8528-8:2016 ISO 8528-8 : 2016 Identical to ISO 852	Reciprocating internal combustion engine driven alternating current generating sets: Part 8 requirements and tests for low - Power generating sets (First Revision)	January, 2024	-	Identical under single numbering
127	IS/ISO 8528-9:2017 ISO 8528-9 : 2017 ISO 8528-9:2017	Reciprocating Internal Combustion Engine Driven Alternating Current Generating Sets Part 9 Measurement and Evaluation of Mechanical Vibrations (First Revision)	January, 2024	-	Identical under single numbering
128	IS/ISO 8528-2:2018 ISO 8528-2:2018 ISO 8528-2:2018	Reciprocating internal combustion engine driven alternating current generating sets - Part 2: Engines		-	Identical under single numbering
129	IS/ISO 8528-3:2020 ISO 8528-3:2020 ISO 8528-3:2020	Reciprocating internal combustion engine driven alternating current generating sets Part 3: Alternating current generators for generating sets		-	Identical under single numbering
130	IS 9262:1979	Recommendations for gear positions for road vehicles	May, 2025	-	Indigenous
131	IS 9418:1980	Dimensions for mounting flanges for in - Line fuel injection pumps for multi - Cylinder compression ignition engines	November, 2020	-	Indigenous
132	IS 9420 (Part 1):1988 Decision taken to Reaffirm and Archive	Specification for feed pumps for diesel fuel injection equipment: Part 1 external dimensions(First Revision)	June, 2025	-	Indigenous
133	IS 9420 (Part 2):1988 Decision taken to Reaffirm and Archive	Specification for feed pumps for diesel fuel injection equipment: Part 2 types of drives	June, 2025	-	Indigenous
134	IS 9465:1980	Mounting dimensions for in - Line injection pump assemblies for fuel injection equipment for multi - Cylinder compression ignition engines	November, 2020	1	Indigenous
135	IS H10001:1981 ISO 3046 ISO 3046	Specification for performance requirements for constant speed compression ignition (Diesel) engines for general purposes (Up To 20 Kw)	July, 2021	5	Modified/Technically Equivalent

Standards under Development

Projects Approved

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

Preliminary Draft Standards

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

Drafts Standards in WC Stage

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

Draft Standards Completed WC Stage

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

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
1	TED 2 (16879) Revision of: IS 14599:1999	AUTOMOTIVE VEHICLES PERFORMANCE REQUIREMENTS MEASUREMENT OF POWER SFC OPACITY OF POSITIVE AND COMPRESSION IGNITION ENGINES METHOD OF TEST First Revision
2	TED 2 (24507)	INTERNAL COMBUSTION ENGINES PISTON RINGS PART 4 GENERAL SPECIFICATIONS
3	TED 2 (24509)	INTERNAL COMBUSTION ENGINES - PISTON RINGS PART 2 COIL-SPRING-LOADED OIL CONTROL RINGS OF NARROW WIDTH MADE OF CAST IRON

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	TED 2 (00956)	Reciprocating internal combustion engines Exhaust emission measurement Part 9 Test cycles and procedures for test-bed measurement of exhaust gas smoke emissions from compression ignition engines operating under transient conditions
2	TED 2 (00951)	Reciprocating internal combustion engines - Fire protection
3	TED 2 (00952)	Reciprocating Internal Combustion Engine - Exhaust Emission Measurement - Part 3 Definitions and Methods of Measurement of Exhaust Gas Smoke Under Steady - State Conditions
4	TED 2 (00929) Revision of: IS 3649:2018	Automotive Vehicles - Clutch Facing for Automotive Transmission - Specification First Revision
5	TED 2 (00930) Revision of: IS 13090:2018	Automotive Vehicles - Commercial Vehicles - Clutch Housings - Dimensions First Revision
6	TED 2 (11965) Revision of: IS 10478:2018	Diesel Engines - Fuel Injection Pumps - Tapers for Shaft Ends and Hubs Second Revision
7	TED 2 (12054) Revision of: IS 10651:2019	Specification for hub axle front for mopeds
8	TED 2 (12056) Revision of: IS 10653:2019	Specification for hub axle rear for mopeds
9	TED 2 (12058) Revision of: IS 10653:2019	Specification for Pedal Assembly for Mopeds
10	TED 2 (12060) Revision of: IS 11139:2019	Specification for Adjusters for Control Cables for Mopeds
11	TED 2 (12062) Revision of: IS 10323:2019	Specification for Crank and Chain Wheel for Mopeds

12	TED 2 (12066) Revision of: IS 11509:2006	Methods of test for full-flow lubricating oil filters for internal combustion engines- Part 6 Test for cold start simulation and hydraulic pulse durability second revision
13	TED 2 (12069)	Reciprocating internal combustion engines-Exhaust emission measurement-Part 1 Test-bed measurement systems of gaseous and particulate emission
14	TED 2 (12070)	Reciprocating internal combustion engines - Exhaust emission measurement - Part 8 Engine group determination
15	TED 2 (12071) Revision of: IS/ISO 8178:2015	Reciprocating internal combustion engines - Exhaust emission measurement - Part 7 Engine family determination
16	TED 2 (12073) Revision of: IS/ISO 8528:2016	Reciprocating internal combustion engines driven alternating current generating sets - Part 8 Requirements and tests for low-power generating sets
17	TED 2 (12459)	Gear oil pump for motorcycle - Specification
18	TED 2 (13687) Revision of: IS 7451:2020	Reciprocating internal combustion engines - Vocabulary - Part 1 Terms for engine design and operation
19	TED 2 (13692) Revision of: IS/ISO 6621:2018	Internal combustion engines - Piston rings - Part 1 Vocabulary
20	TED 2 (13716) Revision of: IS/ISO 8528:2017	Reciprocating internal combustion engines driven alternating current generating sets - Part 9 Measurement and evaluation of mechanical vibration
21	TED 2 (13717) Revision of: IS/ISO 8528:2018	Reciprocating internal combustion engines driven alternating current generating sets - Part 5 Generating sets
22	TED 2 (13718) Revision of: IS/ISO 8528:2018	Reciprocating internal combustion engines driven alternating current generating sets - Part 1 Application ratings and performance
23	TED 2 (13720) Revision of: IS/ISO 8528:2017	Reciprocating internal combustion engines driven alternating current generating sets - Part 7 Technical declarations for specification and design
24	TED 2 (13721) Revision of: IS/ISO 8178:2017	Reciprocating internal combustion engines - Exhaust emission measurement - Part 4 Steady-state test cycles for different engine applications
25	TED 2 (16117) Revision of: IS 15653:2006	Reciprocating internal combustion engine - Vocabulary - Terms for engine maintenance
26	TED 2 (16120) Revision of: IS/ISO 8528:2005	Reciprocating internal combustion engine driven alternating current generating sets - Part 2 Engines
27	TED 2 (16121) Revision of: IS/ISO 8178:1994	Reciprocating internal combustion engines - Exhaust emission measurement - Part 3 Test procedures for measurement of exhaust gas smoke emissions from compression ignition engines using a filter type smoke meter
28	TED 2 (16129) Revision of: IS/ISO 8178:2018	Reciprocating internal combustion engines - Exhaust emission measurement - Part 9 Test cycles and test procedures for measurement of exhaust gas smoke emissions from compression ignition engines using an opacimeter
29	TED 2 (16665)	Specification for performance of small size spark ignition engines for agricultural pumps sprayers tillers reapers and other similar applications Amendment - 4
30	TED 2 (17750) Revision of: IS 11509:2018	Method of test for full-flow lubricating oil filters for internal combustion engines - Part 5 Test for hydraulic pulse durability
31	TED 2 (17755) Revision of: IS/ISO 6621:2003	Internal combustion engines - Piston rings - Part 2 Inspection measuring principles
32	TED 2 (17757) Revision of: IS/ISO 8178:2017	Reciprocating internal combustion engines Exhaust emission measurement Part 1 Test bed measurement systems of gaseous and particulate emissions
33	TED 2 (17758) Revision of: IS/ISO 8178:2017	Reciprocating internal combustion engines Exhaust emission measurement Part 4 Steady-state and transient test cycles for different engine applications
34	TED 2 (17759) Revision of: IS/ISO 8528:2005	Reciprocating internal combustion engine driven alternating current generating sets Part 3 Alternating current generators for generating sets
35	TED 2 (17821)	Specification for performance requirements for constant speed compression ignition Diesel engines for general purposes Above 20 KW Amendment - 1
36	TED 2 (20895) Revision of: IS 3174:1974	PIPE UNION BOLT SPECIFICATION Second Revision
37	TED 2 (20898) Revision of: IS 7657:1975	STARTER RING GEARS FOR INTERNAL COMBUSTION ENGINES PART 2 GEARS FOR AXIAL AND COAXIAL STARTERS SPECIFICATION First Revision
38	TED 2 (20900) Revision of: IS 7657:1975	Starter Ring Gears for Internal Combustion Engines Specification Part 1 Gears for Inertia and Solenoid Pre-Engaged Starters First Revision
39	TED 2 (20906) Revision of: IS 8422:1977	SPECIFICATION FOR PISTON RINGS FOR IC ENGINES PART 5 STEPPED OIL SCRAPER RINGS FROM 30 UP TO 200 mm NOMINAL DIAMETER Z-RINGS
40	TED 2 (22709) Revision of: IS 17458:2018	Reciprocating Internal Combustion Engines Fire Protection First Revision

41	TED 2 (23099) Revision of: IS 7611:1993	INTERNAL COMBUSTION ENGINES RADIATORS SPECIFICATION
42	TED 2 (23100) Revision of: IS 13686:1993	Internal Combustion Engines Radiators Methods of Test
43	TED 2 (23120) Revision of: IS 13687:1993	Internal Combustion Engines Radiators Heat Dissipation Performance Method Of Test
44	TED 2 (23237) Revision of: IS 14273:1999	AUTOMOTIVE VEHICLES - EXHAUST EMISSIONS - GASEOUS POLLUTANTS FROM VEHICLES FITTED WITH COMPRESSION IGNITION ENGINES - METHOD OF MEASUREMENT First Revision
45	TED 2 (23613) Revision of: IS/ISO 8528:2018	RECIPROCATING INTERNAL COMBUSTION ENGINE DRIVEN ALTERNATING CURRENT GENERATING SETS PART 5 GENERATING SETS Second Revision
46	TED 2 (23614) Revision of: IS/ISO :1998	Reciprocating Internal Combustion Engine Driven Alternating Current Generating Sets Part 10 Measurement of Airborne Noise First Revision
47	TED 2 (23615) Revision of: IS/ISO 8528:1997	RECIPROCATING INTERNAL COMBUSTION ENGINE DRIVEN ALTERNATING CURRENT GENERATING SETS PART 12 EMERGENCY POWER SUPPLY TO SAFETY SERVICES First Revision
48	TED 2 (24458) Revision of: IS 7347:1974	SMALL SIZE SPARK IGNITION ENGINES FOR AGRICULTURAL WATER PUMPS SPRAYERS TILLERS REAPERS AND OTHER SIMILAR APPLICATIONS PERFORMANCE SPECIFICATION First Revision
49	TED 2 (24508)	INTERNAL COMBUSTION ENGINES PISTON RINGS PART 5 QUALITY REQUIREMENTS
50	TED 2 (24510)	INTERNAL COMBUSTION ENGINES - PISTON RINGS - PART 3 COIL-SPRING-LOADED OIL CONTROL RINGS MADE OF STEEL
51	TED 2 (24511)	INTERNAL COMBUSTION ENGINES PISTON RINGS EXPANDER RAIL OIL-CONTROL RINGS
52	TED 2 (24621) IS 8422:1977	Internal Combustion Engines - Piston Rings - Oil Control Rings
53	TED 2 (33782)	Internal combustion engines - Piston rings - Material specifications

Total Published Standards:135 Total Standards Under development:56

Aspect Wise Report

Product : 70
 Code of Practices : 7
 Methods of Test : 39
 Terminology : 7
 Dimensions : 7
 System Standard : 0
 Safety Standard : 0
 Others : 1
 Service Specification : 0
 Process Specification : 0
 Unclassified : 4

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 10003:1988	Compression Ignition Diesel Engines For Automotive Application
2	IS 10004:1981	Performance Requirements for Spark Ignition Engines for Automotive Purposes
3	IS 11509 (Part 6):2006 ISO 4548-5 ISO 4548-5:1990	Methods of test for full - Flow lubricating oil filters for internal combustion engines Part 6 cold start simulation and hydraulic pulse durability test First Revision
4	IS 12022:1987	Methods of Testing of Quality Characteristics for Piston Rings
5	IS 12969:1990	Internal Combustion Engines - Methods of Test for Quality Characteristics of Valves

6	IS 12971:1990 ISO 7706 ISO 7706:1985	Road vehicles - Commercial vehicles clearance envelope for power take - Offs PTO
7	IS 14511:1998	Automotive Vehicles - Testing of fuel Injectors - Hand Lever Testing Apparatus
8	IS 14555:1998	Automotive Vehicles - Evaporative Emissions from Vehicles Equipped with Spark Ignition Engines - Method of Measurement
9	IS 14556:1998	Automotive Vehicles - Catalytic Converters for Spark Ignition Engines - Installed Requirements
10	IS 1600:1960	Code For Type Testing Of Constant Speed Internal Combustion Engines For General Purpose
11	IS 1601:1960	Performance of constant speed internal combustion engines for general purposes
12	IS 1602:1960	Code for type testing of variable speed internal combustion engines for automotive purposes
13	IS 1603:1960	Performance of variable-speed internal combustion engines for automotive purpose
14	IS 17458:2018 ISO 6826 : 1997 ISO 6826: 2022	Reciprocating internal combustion engine - Fire protection
15	IS 3511:1966	Cylinder bore diameters for internal combustion engines
16	IS 7451 (Part 3):1974	Reciprocating Internal Combustion Engines - Part III Definition of Right-Hand and Left-Hand Single Bank Engines
17	IS 7451 (Part 4):1974	Reciprocating Internal Combustion Engines - Part IV Designation of Direction of Rotation
18	IS 7451 (Part 5):1974	Reciprocating Internal Combustion Engines - Part V Designation of the Cylinders
19	IS 8422 (Part 9):1986	Piston rings for IC engines Part 9 Terms and Definitions

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 10001:1981 ISO 3046 ISO 3046	Performance Requirements for Constant Speed Compression ignition diesel engines for general purposes up to 20 kW
2	IS 10002:1981 ISO 3046 ISO 3046	Specification for performance requirements for constant speed compression ignition Diesel engines for general purposes Above 20 KW
3	IS 10105:1982 Decision taken to Reaffirm and Archive	Specification for fittings for cylinder pressure indicators for internal combustion engines
4	IS 10323:2019 Decision taken to Reaffirm and Archive	Crank and chain wheel for moped - Specification First Revision
5	IS 10533:1983 Decision taken to Reaffirm and Archive	Specification for valve guides for internal combustion engines
6	IS 10651:2019 Decision taken to Reaffirm and Archive	Hub axle front for moped - Specification First Revision
7	IS 10652:2019	Pedal assembly for moped - Specification First Revision

	Decision taken to Reaffirm and Archive	
8	IS 10653:2019 Decision taken to Reaffirm and Archive	Hub axle rear for moped - Specification First Revision
9	IS 11139:2019 Decision taken to Reaffirm and Archive	Adjusters for control cables for moped - Specification First Revision
10	IS 11170:1985 ISO 3046 ISO 3046	Specification for 1 performance requirements for constant speed compression ignition Diesel engines for agricultural purposes Up To 20 KW
11	IS 12352:1988	Specification for fuel injection pump mounting bolts
12	IS 12404:1988	Specification for couplings for driving fuel injection pumps
13	IS 12455:1988	Performance requirements of aircooled spark ignition automotive engines
14	IS 12460:1988 Decision taken to Reaffirm and Archive	Automotive vehicles - Transmission systems - Manual control sequence in automatic transmissions - Recommendations
15	IS 12499:1988 Decision taken to Reaffirm and Archive	Specification for two stage 0 5 litre diesel fuel filters
16	IS 12500:1988 Decision taken to Reaffirm and Archive	Specification for 0 2 litre diesel fuel filters
17	IS 12535 (Part 2):1991	Automotive vehicles - Transmission systems - Glossary Part 2 universal joints and driveshafts
18	IS 12902:1990 ISO 7646 Decision taken to Reaffirm and Archive ISO 7646:1986	Commercial vehicles and buses - Gearbox flanges - Type A
19	IS 12903:1990 ISO 7647 Decision taken to Reaffirm and Archive ISO 7647:1986	Commercial vehicles and buses - Gearbox flanges - Type S
20	IS 12905:1990 ISO 7653 Decision taken to Reaffirm and Archive ISO 7653:1985	Commercial Vehicles-couplings Between Power Take-offs PTO s and Ancillary Driven Units
21	IS 12972:1990 ISO 7707 Decision taken to Reaffirm and Archive ISO 7707:1986	Commercial road vehicles - Connections for rear - Mounted power take - Offs PTO
22	IS 12973:1990 ISO 7804	Commercial road vehicles - Side openings for truck power take - Offs PTO

	Decision taken to Reaffirm and Archive ISO 7804:1985	
23	IS 12978:2006 ISO 8667 ISO 8667:1992	Commercial vehicles and buses - Cross - Tooth gearbox flanges type T First Revision
24	IS 12996:1990 Decision taken to Reaffirm and Archive	Internal combustion engines radiator pressure caps - Specification
25	IS 13016:1991	Internal combustion engines - Radiator drain cocks - Specification
26	IS 13050:1991	Internal combustion engines - Valve seat inserts - Specification
27	IS 13051:1991	Internal combustion engines radiator fans - Specification
28	IS 13052:1991	Internal combustion engines - Cylinder liners - Quality characteristics
29	IS 1543:1964	Specification for single cylinder fuel injection pumps Revised
30	IS 16057:2013	Lpg operated internal combustion engines - Safety and performance requirements - Specification
31	IS 17019:2018	Gear gerotor oil pump for motorcycle scooter moped - Specification
32	IS 2765:1982	Specification for radiator hose First Revision
33	IS 3169:1991	Internal combustion engines - Two stage one litre diesel fuel filters First Revision
34	IS 3170 (Part 1):2006 ISO 2697 ISO 2697:1999	Internal Combustion Engines - Fuel Injection Nozzles Part 1 Injection Nozzles - Size S
35	IS 3170 (Part 2):2006 ISO 4010 ISO 4010:1998	Internal combustion engines - Fuel injection nozzles Part 2 calibrating nozzle delay pintle type First Revision
36	IS 3171 (Part 2):2006 ISO 7026 Decision taken to Reaffirm and Archive ISO 7026:1997	Internal Combustion Engines - Fuel Injection Nozzle Holders - Part 2 Screw-in Injection Nozzle Holders Types 20 21 21 1 and 27 for Pintle Nozzle Size S Type B
37	IS 3171 (Part 3):1997 ISO 7030 Decision taken to Reaffirm and Archive ISO 7030:1987	Internal combustion engines - Fuel injection nozzle holders Part 3 screw mounted injection nozzle holders types 12 13 14 15 16 17 18 and 19
38	IS 3171 (Part 1):1997 ISO 2699 Decision taken to Reaffirm and Archive ISO 2699:1994	Internal Combustion Engines - Fuel Injection Nozzle Holders - Part 1 Flange Mounted Fuel Injectors Size S Types 2 3 4 5 and 6
39	IS 3172:1997	Internal combustion engines - Fuel injection equipment - Single and double ended pipe unions Single And Double Ended Banjo - Specification Second Revision
40	IS 3173:1965	Specification for high pressure connections for fuel injection equipment for diesel engines
41	IS 3174:1974	Specification for pipe union bolt First Revision
42	IS 3175:2013 Decision taken to Reaffirm	Internal combustion engine - Sealing washers for pipe unions - Specification Second Revision

	and Archive	
43	IS 3649:2018	Automotive vehicles - Clutch facing for automotive transmission - Specification First Revision
44	IS 4530:2006	General requirements for positioning and routing of engine exhaust pipes in motor vehicles First Revision
45	IS 5791:2006 ISO 6621-3 ISO 6621-3:2000	Internal combustion engines - Piston rings - Material specifications Third Revision
46	IS 6740:1985	Specification for gudgeon pins for internal combustion engines First Revision
47	IS 6750:1985	Specification for cylinder liners for internal combustion engines First Revision
48	IS 7347:1974	SPECIFICATION FOR PERFORMANCE OF SMALL SIZE SPARK IGNITION ENGINES FOR AGRICULTURAL WATER PUMPS SPRAYERS TILLERS REAPERS AND OTHER SIMILAR APPLICATIONS
49	IS 7451 (Part 6):2007 ISO 2261 ISO 2261:1994	Reciprocating internal combustion engines Part 6 hand - Operated control devices - Standard direction of motion First Revision
50	IS 7611:1993	Internal combustion engines radiators - Specification First Revision
51	IS 7657 (Part 1):1975	Specification for starter ring gears for internal combustion engines Part 1 gears for inertia and solenoid pre - Engaged starters
52	IS 7657 (Part 2):2025	STARTER RING GEARS FOR INTERNAL COMBUSTION ENGINES PART 2 GEARS FOR AXIAL AND COAXIAL STARTERS SPECIFICATION First Revision
53	IS 810:1991	Internal combustion engines - Engine valves - Specification Second Revision
54	IS 8422 (Part 6):1977	Specification for piston rings for IC engines Part 6 slotted oil control rings from 50 up to 200 mm nominal diameter S - Rings
55	IS 8422 (Part 3):1977	Specification for piston rings for IC engines Part 3 keystone rings from 82 up to 200 mm nominal diameter T - Rings 15
56	IS 8422 (Part 7):1977	Specification for piston rings for IC engines Part 7 double bevelled slotted oil control rings from 50 up to 200 mm nominal diameter G - Rings
57	IS 8422 (Part 8):1977	Specification for piston rings for IC engines Part 8 narrow land slotted oil control rings from 50 up to 200 mm nominal diameter D - Rings
58	IS 8422 (Part 4):1977	Specification for piston rings for IC engines Part 4 napier oil scraper rings from 30 up to 200 mm nominal diameter N - Rings
59	IS 8422 (Part 1):1977	Specification for piston rings for IC engines Part 1 plain compression rings from 30 up to 200 mm nominal diameter R - Rings
60	IS 8422 (Part 5):1977	Specification for piston rings for IC engines Part 5 stepped oil scraper rings from 30 up to 200 mm nominal diameter Z - Rings
61	IS 8422 (Part 2):1977	Specification for piston rings for IC engines Part 2 taper faced compression rings from 30 up to 200 mm nominal diameter M - Rings
62	IS/ISO 8528-8:2016 ISO 8528-8 : 2016 Identical to ISO 852	Reciprocating internal combustion engine driven alternating current generating sets Part 8 requirements and tests for low - Power generating sets First Revision
63	IS/ISO 8528-4:2005 ISO 8528-4:2005	Reciprocating internal combustion engine driven alternating current generating sets Part 4 controlgear and switchgear
64	IS/ISO 8528-5:2024 ISO 8528-5:2022	Reciprocating Internal Combustion Engine Driven Alternating Current Generating Sets Part 5 Generating Sets Second Revision
65	IS/ISO 8528-2:2018 ISO 8528-2:2018 ISO 13990-2 : 2006	Reciprocating internal combustion engine driven alternating current generating sets - Part 2 Engines
66	IS/ISO 8528-1:2018 ISO 8528-1:2018	Reciprocating Internal Combustion Engine Driven Alternating Current Generating Sets Part 1 Application Ratings and Performance First Revision
67	IS/ISO 8528-12:2022 ISO 8528-12:2022	RECIPROCATING INTERNAL COMBUSTION ENGINE DRIVEN ALTERNATING CURRENT GENERATING SETS PART 12 EMERGENCY POWER SUPPLY TO SAFETY

SERVICES First Revision		
68	IS/ISO 8528-7:2017 ISO 8528-7 : 2017 ISO 8528-7:2017	Reciprocating Internal Combustion Engine Driven Alternating Current Generating Sets Part 7 Technical Declarations for Specification and Design First Revision
69	IS 9420 (Part 2):1988 Decision taken to Reaffirm and Archive	Specification for feed pumps for diesel fuel injection equipment Part 2 types of drives
70	IS H10001:1981 ISO 3046 ISO 3046	Specification for performance requirements for constant speed compression ignition Diesel engines for general purposes Up To 20 Kw