

BUREAU OF INDIAN STANDARDS

Program of Work

MED 17 : Chemical Engineering Plants And Related Equipment

Scope: Formulation of Standards for various equipment used in the chemical industry including: (a) Static equipment; (b) Rotating equipment; (c) Instrumentation and automation; and (d) Fittings and valves etc.

Liaison: **TC-112 (P): Vacuum technology** **TC-153 (P): Valves** **TC-270 (P): Plastics and rubber machines**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS/ISO 10434 : 2020 ISO 10434:2020 Reviewed In : 2024 10434 : 2020	Bolted Bonnet Steel Gate Valves for the Petroleum, Petrochemical and Allied Industries	June, 2024	-	Identical under single numbering
2	IS 10459 : 1983 Reviewed In : 2018	Specification for general purpose plug valves	September, 2018	-	Indigenous
3	IS 10459 : 2024	General Purpose Plug Valves - Specification (First Revision)		-	Indigenous
4	IS 10605 : 1989 Reviewed In : 2020	Steel globe valves (Flanged And Butt Welded Ends) for petroleum, petrochemical and allied industries - Specification (First Revision)	July, 2020	-	Indigenous
5	IS 10661 : 2024	Glass Fibre Reinforced Polyester Chemical Resistant Tanks - Specification (First Revision)		-	Indigenous
6	IS 10661 : 1983 Reviewed In : 2018	Specification for glass fibre reinforced polyester chemical resistant tanks	September, 2018	-	Indigenous
7	IS 10688 : 1983 Reviewed In : 2018	Method for proving gas - Tightness of vacuum plants	September, 2018	-	Indigenous
8	IS 10688 : 2024	Method for Proving Gas - Tightness of Vacuum Plants - Method of Test (First Revision)		-	Indigenous
9	IS 10874 : 1983 Reviewed In : 2020	Specification for felsite grinding media and liner stones	July, 2020	-	Indigenous
10	IS 10989 : 1984 Reviewed In : 2020	Specification for cast or forged steel check valves (Flanged Or Butt Welding Ends) for petroleum, petrochemicals, chemicals and allied industries	July, 2020	1	Indigenous
11	IS 11132 : 2024	Ammonia Valves - Specification (First Revision)		-	Indigenous
12	IS 11132 : 1985 Reviewed In : 2020	Specification for ammonia valves	July, 2020	-	Indigenous
13	IS 11332 : 1985	Code of practice for industrial	September, 2018	-	Indigenous

	Reviewed In : 2018	ovens			
14	IS 11552 : 2020 Reviewed In : 2024	Liquid Nitrogen Vessels of Capacity up to 75 Litres — Specification (Second Revision)	June, 2024	1	Indigenous
15	IS 11611 : 2022 ISO 10497 ISO 10497:2010	Testing of Valves - Fire Type- Testing Requirements (second revision)		-	Identical under dual numbering
16	IS 11620 : 2024	Fluid Bed Dryer - Code of Practice (First Revision)		-	Indigenous
17	IS 11699 : 1986 Reviewed In : 2018 Reaffirmed but not taken up for revision	Specification for steel plug valves for petroleum, petrochemical and allied industries	September, 2018	-	Indigenous
18	IS 11790 : 2024	Preparation of Butt Welding Ends for Pipes, Valves, Flanges and Fittings - Code of Practice (First Revision)		-	Indigenous
19	IS 11791 : 1986 Reviewed In : 2018 Reaffirmed but not taken up for revision	Specification for diaphragm type valves for general purposes	September, 2018	-	Indigenous
20	IS 12213 : 1987 Reviewed In : 2018	Code for mechanical vibrating screens	September, 2018	-	Indigenous
21	IS 12370 (Part 2) : 2023 ISO 4126-2:2018 ISO 4126-2:2018	SAFETY DEVICES FOR PROTECTION AGAINST EXCESSIVE PRESSURE PART 2 BURSTING DISC SAFETY DEVICES (Second Revision of IS 12370)		-	Identical under dual numbering
22	IS 12370 (Part 3) : 2023 ISO 4126-3: 2020 ISO 4126-3: 2020	SAFETY DEVICES FOR PROTECTION AGAINST EXCESSIVE PRESSURE PART 3 SAFETY VALVES AND BURSTING DISC SAFETY DEVICES IN COMBINATION (Second Revision of IS 12370)		-	Identical under dual numbering
23	IS 12370 (Part 4) : 2023 ISO 4126-4: 2013 ISO 4126-4: 2013	SAFETY DEVICES FOR PROTECTION AGAINST EXCESSIVE PRESSURE PART 4 PILOT OPERATED SAFETY VALVES (Second Revision of IS 12370)		-	Identical under dual numbering
24	IS 12370 (Part 5) : 2023 ISO 4126-5: 2013 ISO 4126-5: 2013	SAFETY DEVICES FOR PROTECTION AGAINST EXCESSIVE PRESSURE PART 5 CONTROLLED SAFETY PRESSURE RELIEF SYSTEMS CSPRS (Second Revision of IS 12370)		-	Identical under dual numbering
25	IS 12370 (Part 6) : 2023 ISO 4126-6: 2014 ISO 4126-6: 2014	SAFETY DEVICES FOR PROTECTION AGAINST EXCESSIVE PRESSURE PART 6 APPLICATION SELECTION AND INSTALLATION OF BURSTING DISC SAFETY DEVICES (Second Revision of IS 12370)		-	Identical under dual numbering

26	IS 12754 (Part 1) : 1989 ISO 3511-1 Reviewed In : 2020 ISO 3511-1:1977	Process measurement control functions and instrumentation - Symbolic representation: Part 1 basic requirements	July, 2020	-	Identical under dual numbering
27	IS 12754 (Part 2) : 1989 ISO 3511-2 Reviewed In : 2020 ISO 3511-2:1977	Process measurement control functions and instrumentation - Symbolic representation: Part 2 extension of basic requirements	July, 2020	-	Identical under dual numbering
28	IS 12754 (Part 3) : 1989 ISO 3511-3 Reviewed In : 2020 ISO 3511-3:1977	Process measurement control functions and instrumentation - Symbolic representation: Part 3 detailed symbols for instrument interconnection diagrams	July, 2020	-	Identical under dual numbering
29	IS 12754 (Part 4) : 1989 ISO 3511-4 Reviewed In : 2020 ISO 3511-4:1977	Industrial process measurement control functions and instrumentation - Symbolic representation: Part 4 basic symbols for process computer, interface, and shared display/control functions	July, 2020	-	Identical under dual numbering
30	IS 12992 (Part 1) : 2024	Safety Relief Valves - Spring Loaded - Specification Part 1 Design (First Revision)		-	Indigenous
31	IS 12992 (Part 2) : 2023	SPRING LOADED SAFETY RELIEF VALVES SPECIFICATION PART 2 TESTING (First Revision)		-	Indigenous
32	IS 13095 : 2020 Reviewed In : 2024	Butterfly Valves for General Purposes (First Revision)	June, 2024	1	Indigenous
33	IS 13159 (Part 1) : 1993 Reviewed In : 2018	Pipe flanges and flanged fittings specification: Part 1 dimensions	September, 2018	-	Indigenous
34	IS 13187 : 1991 Reviewed In : 2018 Reaffirmed but not taken up for revision	Road tankers for light petroleum products - Specification	September, 2018	1	Indigenous
35	IS 13306 : 1992 Reviewed In : 2018	Oil and gas fired thermic fluid heaters - Method of calculation of film temperatures	September, 2018	-	Indigenous
36	IS 14404 : 1996 Reviewed In : 2022	Process equipment - Recommendations on design pressure and temperature	January, 2022	-	Indigenous
37	IS 15729 : 2007 Reviewed In : 2022	Natural gas pressure regulating and metering terminal - Code of practice	January, 2022	-	Indigenous
38	IS/ISO 15761 : 2020 ISO 15761 Reviewed In : 2024 ISO 15761	STEEL GATE GLOBE AND CHECK VALVES FOR SIZES DN 100 AND SMALLER FOR THE PETROLEUM AND NATURAL GAS INDUSTRIES	June, 2024	-	Identical under single numbering
39	IS/ISO 15848-1 : 2015 ISO 15848 -1 : 2015 ISO 15848 -1 : 2015	Industrial valves Measurement test and qualification procedures for fugitive emissions Part 1: Classification system and qualification procedures for type		-	Identical under dual numbering

		testing of valves			
40	IS/ISO 15848-2 : 2015 15848 -2 : 2015 15848 -2 : 2015	Industrial valves Measurement test and qualification procedures for fugitive emissions Part 2: Production acceptance test of valves		-	Identical under single numbering
41	IS/ISO 16136 : 2006 16136 16136	Industrial valves Butterfly valves of thermoplastics materials		-	Identical under single numbering
42	IS/ISO 17292 : 2015 17292 17292	Metal ball valves for petroleum petrochemical and allied industries First Revision		-	Identical under single numbering
43	IS/ISO 20430 : 2020 ISO 20430 : 2020 Reviewed In : 2024 ISO 20430	Plastics and Rubber Machines “ Injection Moulding Machines “ Safety Requirements	June, 2024	-	Identical under single numbering
44	IS/ISO 21360-1 : 2020 ISO 21360 (Part 1) ISO 21360 (Part 1)	VACUUM TECHNOLOGY STANDARD METHOD FOR MEASURING VACUUM- PUMP PERFORMANCE PART 1 GENERAL DESCRIPTION		-	Identical under dual numbering
45	IS/ISO 21360-2 : 2020 ISO 21360-2: 2020 ISO 21360-2: 2020	VACUUM TECHNOLOGY STANDARD METHOD FOR MEASURING VACUUM- PUMP PERFORMANCE PART 2 POSITIVE DISPLACEMENT VACUUM PUMPS [Amalgamation of IS 6849 (Part 1,2 and 3)]		-	Identical under single numbering
46	IS/ISO 22109 : 2020 ISO 22109 : 2020 Reviewed In : 2024 ISO 22109:2020	Industrial Valves - Gearbox for Valves	June, 2024	-	Identical under single numbering
47	IS/ISO 22153 : 2020 SO 22153 : 2020 Reviewed In : 2024 IS 22153:2020	Electric Actuators for Industrial Valves - General Requirements	June, 2024	-	Identical under single numbering
48	IS/ISO 23632 : 2021 ISO 23632: 2021 ISO 23632: 2021	INDUSTRIAL VALVES DESIGN VALIDATION - TESTING OF VALVES (Adoption of ISO 23632)		-	Identical under single numbering
49	IS 2379 : 2024	Colour Code for Pipeline Identification - Code of Practice (Second Revision)		-	Indigenous
50	IS 2379 : 1990 Reviewed In : 2020	Pipelines - Identification - Colour code (First Revision)	July, 2020	1	Indigenous
51	IS/ISO 2861 : 2020 ISO 2861:2020 ISO 2861:2020	VACUUM TECHNOLOGY DIMENSIONS OF CLAMPED-TYPE QUICKRELEASE COUPLINGS Adoption of ISO 2861		-	Identical under dual numbering
52	IS 3133 : 2024	Manhole and Inspection Openings for Chemical Equipment - General Requirements (Second Revision)		-	Indigenous
53	IS 3133 : 1989 Reviewed In : 2020	Manhole and inspection openings for chemical equipment - General requirements (First Revision)	July, 2020	-	Indigenous
54	IS 3232 : 2024	Recommendations on Graphical Symbols for Process Flow		-	Indigenous

		Diagrams, Piping and Instrumentation Diagrams (Third Revision)			
55	IS 3233 : 1965 Reviewed In : 2018	Glossary of terms for safety and relief valves and their parts	September, 2018	-	Indigenous
56	IS 3233 : 2024	Safety and Relief Valves and their Parts - Glossary of Terms (First Revision)		-	Indigenous
57	IS/ISO 3669 : 2020 ISO 3669: 2020 ISO 3669: 2020	VACUUM TECHNOLOGY DIMENSIONS OF KNIFE-EDGE FLANGES Adoption of ISO 3669		-	Identical under dual numbering
58	IS 4092 (Part 1) : 1992 Reviewed In : 2018	Centrifuges of the basket and bowl and vibrating type for use in industrial and commercial applications: Part 1 general requirements (Second Revision)	September, 2018	-	Indigenous
59	IS 4110 (Part 1) : 2022 ISO 3529-1:2019 ISO 3529-1:2019	Vacuum Technology - Vocabulary Part 1 General Terms (first revision)		-	Identical under dual numbering
60	IS 4110 (Part 2) : 2023 ISO 3529-2:2020 ISO 3529-2:2020	VACUUM TECHNOLOGY VOCABULARY PART 2 VACUUM PUMPS AND RELATED TERMS (First Revision of IS 4110)		-	Identical under dual numbering
61	IS 4110 (Part 3) : 2023 ISO 3529-3: 2014 ISO 3529-3: 2014	VACUUM TECHNOLOGY VOCABULARY PART 3 TOTAL AND PARTIAL PRESSURE VACUUM GAUGES (First Revision of IS 4110)		-	Identical under dual numbering
62	IS/ISO 4126-1 : 2013 ISO 4126-1:2013 ISO 4126-1:2013	SAFETY DEVICES FOR PROTECTION AGAINST EXCESSIVE PRESSURE PART 1 SAFETY VALVES Adoption of ISO 4126 Part 1		-	Identical under single numbering
63	IS 4179 : 1967 Reviewed In : 2018	Sizes of process vessels and leading dimensions	September, 2018	-	Indigenous
64	IS 4179 : 2024	Sizes of Process Vessels and Leading Dimensions (First Revision)		-	Indigenous
65	IS 4642 : 2024	Ball, Pebble and Tube Mills - Code of Practice (First Revision)		-	Indigenous
66	IS 4642 : 1968 Reviewed In : 2020	Specification for ball, pebble and tube mills	July, 2020	-	Indigenous
67	IS 4682 (Part 1) : 2024	Medical Lining of Vessels and Equipment for Chemical Processes - Code of Practice Part 1 Rubber Lining (Second Revision)		-	Indigenous
68	IS 4682 (Part 2) : 2024	Lining of Vessels and Equipment for Chemical Processes - Code of Practice Part 2 Glass Enamel Lining (First Revision)		-	Indigenous
69	IS 4682 (Part 2) : 1969 Reviewed In : 2020	Code of practice for lining of vessels and equipment for chemical processes: Part 2 glass enamel lining	July, 2020	1	Indigenous
70	IS 4682 (Part 3) : 1969 Reviewed In : 2020	Code of practice for lining of vessels and equipment for chemical processes: Part 3 lead lining	July, 2020	-	Indigenous

71	IS 4682 (Part 3) : 2024	Lining of Vessels and Equipment for Chemical Processes - Code of Practice Part 3 Lead Lining (First Revision)		-	Indigenous
72	IS 4682 (Part 4) : 2024	Lining of Vessels and Equipment for Chemical Processes - Code of Practice Part 4 Lining with Sheet Thermoplastics (Second Revision)		-	Indigenous
73	IS 4682 (Part 4) : 1998 Reviewed In : 2018	Code of practice for lining of vessels and equipment for chemical processes: Part 4 lining with sheet thermoplastics (First Revision)	September, 2018	1	Indigenous
74	IS 4682 (Part 5) : 2024	Lining of Vessels and Equipment for Chemical Processes - Code of Practice Part 5 Epoxide Resin Lining (First Revision)		-	Indigenous
75	IS 4682 (Part 5) : 1970 Reviewed In : 2020	Code of practice for lining of vessels And equipment for chemical processes: Part 5 epoxide resin lining	July, 2020	-	Indigenous
76	IS 4682 (Part 6) : 2024	Lining of Vessels and Equipment for Chemical Processes - Code of Practice Part 6 Phenolic Resin Lining (First Revision)		-	Indigenous
77	IS 4682 (Part 6) : 1970 Reviewed In : 2020	Code of practice for lining of vessels and equipment for chemical processes: Part 6 phenolic resin lining	July, 2020	-	Indigenous
78	IS 4682 (Part 7) : 1974 Reviewed In : 2020	Code of practice for lining of vessels and equipment for chemical processes: Part 7 corrosion and heat resistant metals	July, 2020	-	Indigenous
79	IS 4682 (Part 8) : 2024	Lining of Vessels and Equipment for Chemical Processes - Code of Practice Part 8 Precious Metals (First Revision)		-	Indigenous
80	IS 4682 (Part 8) : 1974 Reviewed In : 2020	Code of practice for lining of vessels and equipment for chemical processes Part 8 Precious metal	July, 2020	-	Indigenous
81	IS 4682 (Part 9) : 1974 Reviewed In : 2020	Code of practice for lining of vessels and equipment for chemical processes: Part 9 titanium	July, 2020	-	Indigenous
82	IS 4682 (Part 10) : 1974 Reviewed In : 2020	Code of practice for lining of vessels and equipment for chemical processes: Part 10 brick and tile	July, 2020	-	Indigenous
83	IS 4854 (Part 1) : 2023	GLOSSARY OF TERMS FOR VALVES AND THEIR PARTS PART 1 SCREW- DOWN STOP CHECK AND GATE VALVES AND THEIR PARTS (First Revision)		-	Indigenous
84	IS 4854 (Part 2) : 2024	Glossary of Terms for Valves and their Parts Part 2 Plug Valves and Cocks and their Parts (First Revision)		-	Indigenous
85	IS 4854 (Part 3) : 2023	GLOSSARY OF TERMS FOR VALVES AND THEIR PARTS PART 3 BUTTERFLY VALVES (First Revision)		-	Indigenous

86	IS 4864 (Part 4870) : 1968 Reviewed In : 2020	Specification for shell flanges for vessels and equipment	July, 2020	-	Indigenous
87	IS 4870 : 1968 Reviewed In : 2020	Flat gaskets for shell flanges - (SEE IS 4864 TO IS 4870)	July, 2020	-	Indigenous
88	IS 5036 : 1969 Reviewed In : 2020	Specification for filter presses, recessed plate type, and plate and frame type	July, 2020	-	Indigenous
89	IS/ISO 5210 : 2017 ISO 5210 : 2017 ISO 5210	Industrial Valves " Multi-Turn Valve Actuator Attachments		-	Identical under single numbering
90	IS/ISO 5211 : 2017 ISO 5211 : 2017 ISO 5211	Industrial Valves " Part-Turn Actuator Attachments		-	Identical under single numbering
91	IS 5428 (Part 1) : 2023	Gauge Glasses ½ Specification Part 1 Tubular Glasses for Level Gauges (Second Revision)		-	Indigenous
92	IS 5428 (Part 2) : 2023	Gauge Glasses - Specification Part 2 Protector Glasses for Tubular Gauge Glasses (Second Revision)		-	Indigenous
93	IS 5428 (Part 3) : 2023	Gauge Glasses ½ Specification Part 3 Through-Vision and Reflex Glasses (Second Revision)		-	Indigenous
94	IS 5428 (Part 4) : 2023	Gauge Glasses - Specification Part 4 Circular Sight and Light Glasses (Second Revision)		-	Indigenous
95	IS 5428 (Part 5) : 2023	Gauge Glasses - Specification Part 5 Port Gauge Glasses as used in Fittings for Steam Boilers (Second Revision)		-	Indigenous
96	IS 5675 : 2024	Rotary-Disc Vacuum Filters - Specification (Second Revision)		-	Indigenous
97	IS 6034 : 1989 Reviewed In : 2020	Insulating oil conditioning plants - Specification (First Revision)	July, 2020	-	Indigenous
98	IS 6076 : 2022 1609 1609	Vacuum Technology - Dimensions of Non-Knife Edge Flanges (second revision)		-	Identical under dual numbering
99	IS 6088 : 1988 Reviewed In : 2018	Specification for oil - To - Water heat exchangers for transformers (First Revision)	September, 2018	-	Indigenous
100	IS 6088 : 2024	Oil-to-Water Heat Exchangers for Transformers - Specification (Second Revision)		-	Indigenous
101	IS 6157 : 1981 Reviewed In : 2018	Valve inspection and test (First Revision)	September, 2018	-	Indigenous
102	IS 6157 : 2024	VALVE INSPECTION AND TEST - METHODS OF TEST (Second Revision)		-	Indigenous
103	IS 6202 : 2024	Flat Glass Oil Level Gauges for Oil Storage Tanks - Specification (First Revision)		-	Indigenous
104	IS 6202 : 1971 Reviewed In : 2020	Specification for flat glass oil level gauges for oil storage tanks	July, 2020	-	Indigenous
105	IS 6838 : 1973 Reviewed In : 2020	Dimensions for 'O' rings and grooves for vacuum flanges	July, 2020	-	Indigenous
106	IS 6849 (Part 1) : 1999 ISO 1607 : 1 Reviewed In : 2020	Positive displacement vacuum pumps - Measurement of performance characteristics: Part 1 measurement of volume rate of	July, 2020	-	Identical under dual numbering

	ISO 1607-1:1989	flow (Pumping Speed) (Second Revision)			
107	IS 6849 (Part 2) : 1993 ISO 1607 : 2 Reviewed In : 2018 ISO 1607-2:1989	Positive displacement vacuum pumps - Measurement of performance characteristics: Part 2 measurement of ultimate pressure (First Revision)	September, 2018	-	Identical under dual numbering
108	IS 6849 (Part 3) : 1976 Reviewed In : 2018 ISO 1607-3:1989	Methods of measurement of performance characteristics of positive - Displacement vacuum pumps: Part 3 water vapour pumping capacity	September, 2018	-	Identical under dual numbering
109	IS 7366 : 1974 Reviewed In : 2020	Specification for edge type filters required for filtration of oils of straight mineral type	July, 2020	-	Indigenous
110	IS 8243 (Part 1) : 1999 ISO 1608-1 Reviewed In : 2021 ISO 1608-1:1993	Vapour vacuum pumps - Measurement of performance characteristics: Part 1 measurement of volume rate of flow (Pumping Speed) (Second Revision)	September, 2021	-	Identical under dual numbering
111	IS 8243 (Part 2) : 1993 ISO 1608-2 Reviewed In : 2021 ISO 1608-2:1993	Vapour vacuum pumps - Measurement of performance characteristics: Part 2 measurement of critical backing pressure (First Revision)	September, 2021	-	Identical under dual numbering
112	IS 8244 : 2022 ISO 3567: 2011 ISO 3567: 2011	Vacuum Gauges - Calibration by Direct Comparison with a Reference Gauge (first revision)		-	Identical under dual numbering
113	IS 8262 (Part 2) : 1976 ISO 2861-1 Reviewed In : 2021 ISO 2861-1:1980	Specification for quack - Release couplings for vacuum pipelines: Part 2 clamped type	September, 2021	-	Not Equivalent
114	IS 8276 (Part 1) : 1976 Reviewed In : 2018	Methods for calibration of vacuum gauges: Part 1 pressure reduction by continuous flow in the pressure range of 10 - 1 to 10 - 5 pa	September, 2018	-	Indigenous
115	IS 8280 : 2022 ISO 27894: 2009 ISO 27894: 2009	Vacuum Technology - Vacuum Gauges - Specifications for Hot Cathode Ionization Gauges (first revision)		-	Identical under dual numbering
116	IS 8288 : 1976 ISO 3669 Reviewed In : 2021 ISO 3669:1986	Specification for bakeable flanges	September, 2021	-	Not Equivalent
117	IS 9446 : 2022	Graphical Symbols for Pipelines and Instrumentation Diagrams (First Revision)		-	Indigenous
118	IS 9520 : 2008 Reviewed In : 2023	Nominal sizes for valves (First Revision)	December, 2023	-	Indigenous
119	IS 9522 : 1980 Reviewed In : 2020	Code of practice for agitator equipment	July, 2020	-	Indigenous
120	IS 9618 : 1980 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for road tankers for liquefied petroleum gas	July, 2020	-	Indigenous
121	IS 9625 : 2023	Locations of By-Pass and Drain Connections for Valves (First		-	Indigenous

		Revision)			
122	IS 9705 (Part 1) : 1980 Reviewed In : 2020	Specification for quick release coupling for vacuum pipe lines: Part 1 screwed couplings type b	July, 2020	-	Indigenous
123	IS 9866 : 1981 Reviewed In : 2021	Marking system for valves	September, 2021	-	Indigenous
124	IS 9884 : 2023 ISO 5752: 2021 ISO 5752: 2021	METAL VALVES FOR USE IN FLANGED PIPE SYSTEMS FACE-TO-FACE AND CENTRE-TO FACE DIMENSIONS (FIRST REVISION)		-	Identical under dual numbering
125	IS 9890 : 1981 Reviewed In : 2024	Specification for general purpose ball valves	June, 2024	-	Indigenous

Standards under Development

Projects Approved

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

Preliminary Draft Standards

SI. No.	Doc No.	Title
1	MED 17 (25840) Revision of: IS 13159:1993	PIPE FLANGES AND FLANGED FITTINGS CODE OF PRACTICE First Revision
2	MED 17 (26470) Revision of: IS 6034:1989	INSULATING OIL CONDITIONING PLANTS SPECIFICATION Second Revision

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
1	MED 17 (25636)	MARKING SYSTEM FOR VALVES First Revision
2	MED 17 (26471)	Butterfly Valves for General Purposes First Revision Amendment - 2

Finalized Draft Indian Standard

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

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	MED 17 (22765) Revision of: IS 9522:1980	AGITATOR EQUIPMENT - CODE OF PRACTICE First Revision
2	MED 17 (23287) Revision of: IS 11332:1985	Industrial Ovens - Code of Practice First Revision
3	MED 17 (23611) Revision of: IS 8276:1976	Method for Calibration of vacuum gauges Part 1 Pressure reduction by continuous flow in the pressure range of 10-5 Pa to 10-1Pa First Revision
4	MED 17 (23671) Revision of: IS 12213:1987	Mechanical Vibrating Screens - Code of Practice First Revision
5	MED 17 (23769) Revision	Centrifuges of the Basket and Bowl and Vibrating Type for use in Industrial and Commercial

	of: IS 4092:1992	Applications - Specification THIRD REVISION
6	MED 17 (26472)	METAL VALVES FOR USE IN FLANGED PIPE SYSTEMS - FACE-TO-FACE AND CENTRE-TO-FACE DIMENSIONS FIRST REVISION Amendment No - 1

Total Published Standards:106 Total Standards Under development:10

Aspect Wise Report

Product : 45
 Code of Practices : 21
 Methods of Test : 15
 Terminology : 11
 Dimensions : 8
 System Standard : 0
 Safety Standard : 1
 Others : 5
 Service Specification : 0
 Process Specification : 0
 Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 10092 : 1982 Reviewed In : 2018	Glossary of terms And Materials Of Construction for rotary equipment
2	IS 10120 : 1982 Reviewed In : 2018	Supplier s Data Sheet For Rotary Dryers
3	IS 10217 : 1982 Reviewed In : 2020	Method of determination of crushability index
4	IS 10218 : 1982 Reviewed In : 2020	Method of determination of grindability index
5	IS 10219 : 1982 Reviewed In : 2018	Purchaser s data sheet for tube nest evaporation plants
6	IS 10247 : 1982 Reviewed In : 2020	Method of determination of impact index
7	IS 10409 : 1983 Reviewed In : 2018	Purchaser s data sheet for rotary type dryer
8	IS 10444 : 1983 Reviewed In : 2006	Specification for Hammer Mills
9	IS 10611 : 1983 Reviewed In : 2020	Specification for steel gate valves Flanged And Butt - Welded Ends for petroleum petrochemicals and allied industries
10	IS 10732 : 1983 Reviewed In : 2018	Purchaser s Data Sheet for Gauge Glasses for Pressure Vessels
11	IS 10843 : 1984 Reviewed In : 2006	Glossary of terms for crushers
12	IS 10875 : 1983 Reviewed In : 2018	Glossary of terms and material of construction for rotary dryers and coolers
13	IS 10919 : 1984 Reviewed In : 2018	Glossary of terms for electrostatic precipitators
14	IS 11555 (Part 1) : 1986 Reviewed In : 2018	Designer s data sheet Part 1 Mechanical design of columns
15	IS 11555 (Part 2) : 1986 Reviewed In : 2018	Designer s data sheet Part 2 Column internal
16	IS 11556 : 1986 Reviewed In : 2018	Purchaser s data sheet for distillation columns
17	IS 11564 : 1986 Reviewed In : 2018	Supplier s data sheet for fluid bed dryers
18	IS 11565 : 1986 Reviewed In : 2018	Data sheet for industrial ovens

19	IS 11572 : 1986 Reviewed In : 2018	Purchaser s data sheet for fluid bed dryers
20	IS 11733 : 1986 Reviewed In : 2008	Specification For Steel Wedge Gate Globe And Check Valves For Petroleum Perochemical And Allied Industries nominal Size 50 Mm And Smaller
21	IS 11792 : 1986 Reviewed In : 2013	Steel Ball Valve For The Petroleum Petrochemical And Allied Industries
22	IS 12355 : 1988 Reviewed In : 2018	Supplier s data sheet for vibrators for use with bin and hopper
23	IS 12356 : 1988 Reviewed In : 2018	Purchaser s Data Sheet for Clean Air Equipment Laminar Flow
24	IS 12357 : 1988 Reviewed In : 2018	Supplier s data sheet for clean air equipments laminar flow
25	IS 12370 : 1993 ISO 6718 Reviewed In : 2022 ISO 6718:1991	Bursting discs and bursting disc devices First Revision
26	IS 12962 : 1990 Reviewed In : 2020	Data sheet for basic engineering plant design
27	IS 12995 : 1990 Reviewed In : 2006	Process basic engineering knowhow packages - data sheet
28	IS 13095 : 1991 ISO 6358-1 : 2013	Butterfly Valves for General Purposes First Revision
29	IS 2843 : 1964 Reviewed In : 2011	Recommendation on nominal capacities for process equipment
30	IS 2844 : 1964 Reviewed In : 2011	Recommendation on nominal diameter for process equipment
31	IS 2845 : 1964 Reviewed In : 1991	Recommendation on nominal pressure for process equipment
32	IS 2846 : 1964 Reviewed In : 1991	Recommendation on nominal temperature for process equipment
33	IS 3030 : 1965 Reviewed In : 2011	Recommendation for letter symbols signs and abbreviations used in chemical engineering
34	IS 3132 : 1965 Reviewed In : 2013	Recommendations for Shaft Diameters for Chemical Equipment
35	IS 3223 : 1967	Graphical symbols for process measurement and control functions
36	IS 4865 : 1968 Reviewed In : 2010	Welded shell flanges for non-pressure service - SEE IS 4864 TO IS 4870
37	IS 4866 : 1968 Reviewed In : 2010	Welded shell flanges for carbon steel pressure vessels and equipment - SEE IS 4864 TO IS 4870
38	IS 4867 : 1968 Reviewed In : 2010	Welded neck shell flanges for carbon steel pressure vessels and equipment - SEE IS 4864 TO IS 4870
39	IS 4868 : 1968 Reviewed In : 2010	Welded shell flanges for stainless steel pressure vessels and equipment - SEE IS 4864 TO IS 4870
40	IS 4869 : 1968 Reviewed In : 2010	Welded shell flanges with hub for stainless steel pressure vessels and equipment - SEE IS 4864 TO IS 4870
41	IS 8245 : 1976 Reviewed In : 2018	Graphical symbols for vacuum technology
42	IS 8262 (Part 1) : 1976 ISO 2861-2-1980 Reviewed In : 2018 ISO 2861-2:1980	Specification for quick - Release couplings for vacuum pipelines Part 1 screwed type
43	IS 8576 : 1977 Reviewed In : 2018	Purchaser s data sheet for general purpose dryers
44	IS 8577 : 1977 Reviewed In : 2018	Purchaser s data sheet for rotary vacuum filters
45	IS 8578 : 1977 Reviewed In : 2018	Purchaser s data sheet for pulverizers

46	IS 8579 : 1977 Reviewed In : 2018	Purchaser s data sheet for crystallizers
47	IS 8580 : 1977 Reviewed In : 2018	Supplier s data sheet for vibrating screens
48	IS 8581 : 1977 Reviewed In : 2018	Supplier s data sheet for cooling towers for process industry
49	IS 8582 : 1977 Reviewed In : 2018	Supplier s data sheet for basket type centrifuges
50	IS 8658 : 1978 Reviewed In : 2011	Purchaser s Data Sheet for Vibrating Screens
51	IS 8659 : 1978 Reviewed In : 2011	Purchaser s data sheet for basket type centrifuges
52	IS 8660 : 1978 Reviewed In : 2011	Purchaser s Data Sheet for Vibrators for Use with Bin and Hopper
53	IS 8667 : 1977 Reviewed In : 2018	Purchaser s data sheet for cooling towers for process industry
54	IS 9082 : 1979 Reviewed In : 2011	Purchaser s data sheet for bursting discs and assemblies
55	IS 9083 : 1979 Reviewed In : 2011	Purchaser s data sheet for rubber lined tanks
56	IS 9084 : 1979 Reviewed In : 2011	Recommendation for nominal capacities for fluid storage spherical tanks
57	IS 9151 : 1979 Reviewed In : 2011	Glossary of terms for process equipment
58	IS 9240 : 1979 Reviewed In : 2011	Purchaser s data sheet for gas scrubber cooler or absorber
59	IS 9241 : 1979 Reviewed In : 2006	Purchaser s data sheet for electrostatic precipitators
60	IS 9254 : 1979 Reviewed In : 2006	Supplier s data sheet for electrostatic percipitators
61	IS 9260 : 1979 Reviewed In : 2006	Supplier s Data Sheet For Crystallizer
62	IS 9289 : 1979 Reviewed In : 2006	Purchaser s Data Sheet For Agitators
63	IS 9539 : 1980 Reviewed In : 2006	Purchaser s data sheet for solid bowl scroll discharge centrifuges
64	IS 9540 : 1980 Reviewed In : 2006	Purchaser s data sheet for plate and frame filters
65	IS 9578 : 1980 Reviewed In : 2006	Purchaser s data sheet for liquid solid separation centrifuges
66	IS 9579 : 1980 Reviewed In : 2006	Supplier s data sheet for hammer mills
67	IS 9580 : 1980 Reviewed In : 2006	Purchaser s data sheet for hammer mills
68	IS 9602 : 1980 Reviewed In : 2006	Supplier s data sheet for agitators
69	IS 9693 : 1980 Reviewed In : 2006	Purchaser s Data Sheet for Spray Dryers

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS/ISO 10434 : 2020 ISO 10434:2020 Reviewed In : 2024 62586-1:2017	Bolted Bonnet Steel Gate Valves for the Petroleum Petrochemical and Allied Industries
2	IS 10459 : 2024	General Purpose Plug Valves - Specification First Revision
3	IS 10605 : 1989	Steel globe valves Flanged And Butt Welded Ends for petroleum petrochemical and allied

	Reviewed In : 2020	industries - Specification First Revision
4	IS 10661 : 2024	Glass Fibre Reinforced Polyester Chemical Resistant Tanks - Specification First Revision
5	IS 10874 : 1983 Reviewed In : 2020	Specification for felsite grinding media and liner stones
6	IS 10989 : 1984 Reviewed In : 2020	Specification for cast or forged steel check valves Flanged Or Butt Welding Ends for petroleum petrochemicals chemicals and allied industries
7	IS 11132 : 2024	Ammonia Valves - Specification First Revision
8	IS 11552 : 2020 Reviewed In : 2024	Liquid Nitrogen Vessels of Capacity up to 75 Litres Specification Second Revision
9	IS 11611 : 2022 ISO 10497 IEC 31010: 2019	Testing of Valves - Fire Type-Testing Requirements second revision
10	IS 11699 : 1986 Reviewed In : 2018 Reaffirmed but not taken up for revision	Specification for steel plug valves for petroleum petrochemical and allied industries
11	IS 11791 : 1986 Reviewed In : 2018 Reaffirmed but not taken up for revision	Specification for diaphragm type valves for general purposes
12	IS 12370 (Part 2) : 2023 ISO 4126-2:2018	SAFETY DEVICES FOR PROTECTION AGAINST EXCESSIVE PRESSURE PART 2 BURSTING DISC SAFETY DEVICES Second Revision of IS 12370
13	IS 12370 (Part 3) : 2023 ISO 4126-3: 2020	SAFETY DEVICES FOR PROTECTION AGAINST EXCESSIVE PRESSURE PART 3 SAFETY VALVES AND BURSTING DISC SAFETY DEVICES IN COMBINATION Second Revision of IS 12370
14	IS 12370 (Part 4) : 2023 ISO 4126-4: 2013	SAFETY DEVICES FOR PROTECTION AGAINST EXCESSIVE PRESSURE PART 4 PILOT OPERATED SAFETY VALVES Second Revision of IS 12370
15	IS 12370 (Part 5) : 2023 ISO 4126-5: 2013	SAFETY DEVICES FOR PROTECTION AGAINST EXCESSIVE PRESSURE PART 5 CONTROLLED SAFETY PRESSURE RELIEF SYSTEMS CSPRS Second Revision of IS 12370
16	IS 12992 (Part 1) : 2024	Safety Relief Valves - Spring Loaded - Specification Part 1 Design First Revision
17	IS 13187 : 1991 Reviewed In : 2018 Reaffirmed but not taken up for revision	Road tankers for light petroleum products - Specification
18	IS/ISO 15761 : 2020 ISO 15761 Reviewed In : 2024	STEEL GATE GLOBE AND CHECK VALVES FOR SIZES DN 100 AND SMALLER FOR THE PETROLEUM AND NATURAL GAS INDUSTRIES
19	IS/ISO 16136 : 2006 16136 ISO 5667-1 : 2020	Industrial valves Butterfly valves of thermoplastics materials
20	IS/ISO 17292 : 2015 17292	Metal ball valves for petroleum petrochemical and allied industries First Revision
21	IS/ISO 22109 : 2020 ISO 22109 : 2020 Reviewed In : 2024 ISO 22109:2020	Industrial Valves - Gearbox for Valves
22	IS/ISO 22153 : 2020 SO 22153 : 2020 Reviewed In : 2024 IS 22153:2020	Electric Actuators for Industrial Valves - General Requirements
23	IS 4092 (Part 1) : 1992	Centrifuges of the basket and bowl and vibrating type for use in industrial and commercial

	Reviewed In : 2018	applications Part 1 general requirements Second Revision
24	IS/ISO 4126-1 : 2013 ISO 4126-1:2013	SAFETY DEVICES FOR PROTECTION AGAINST EXCESSIVE PRESSURE PART 1 SAFETY VALVES Adoption of ISO 4126 Part 1
25	IS 4864 (Part 4870) : 1968 Reviewed In : 2020	Specification for shell flanges for vessels and equipment
26	IS 4870 : 1968 Reviewed In : 2020	Flat gaskets for shell flanges - SEE IS 4864 TO IS 4870
27	IS 5036 : 1969 Reviewed In : 2020	Specification for filter presses recessed plate type and plate and frame type
28	IS/ISO 5210 : 2017 ISO 5210 : 2017 ISO 5210	Industrial Valves Multi-Turn Valve Actuator Attachments
29	IS/ISO 5211 : 2017 ISO 5211 : 2017 ISO 5211	Industrial Valves Part-Turn Actuator Attachments
30	IS 5428 (Part 1) : 2023	Gauge Glasses Specification Part 1 Tubular Glasses for Level Gauges Second Revision
31	IS 5428 (Part 2) : 2023	Gauge Glasses - Specification Part 2 Protector Glasses for Tubular Gauge Glasses Second Revision
32	IS 5428 (Part 3) : 2023	Gauge Glasses Specification Part 3 Through-Vision and Reflex Glasses Second Revision
33	IS 5428 (Part 4) : 2023	Gauge Glasses - Specification Part 4 Circular Sight and Light Glasses Second Revision
34	IS 5428 (Part 5) : 2023	Gauge Glasses - Specification Part 5 Port Gauge Glasses as used in Fittings for Steam Boilers Second Revision
35	IS 5675 : 2024	Rotary-Disc Vacuum Filters - Specification Second Revision
36	IS 6034 : 1989 Reviewed In : 2020	Insulating oil conditioning plants - Specification First Revision
37	IS 6088 : 2024	Oil-to-Water Heat Exchangers for Transformers - Specification Second Revision
38	IS 6202 : 2024	Flat Glass Oil Level Gauges for Oil Storage Tanks - Specification First Revision
39	IS 7366 : 1974 Reviewed In : 2020	Specification for edge type filters required for filtration of oils of straight mineral type
40	IS 8262 (Part 2) : 1976 ISO 2861-1 Reviewed In : 2021 ISO 2861-1:1980	Specification for quick - Release couplings for vacuum pipelines Part 2 clamped type
41	IS 8280 : 2022 ISO 27894: 2009 1833-22:2020	Vacuum Technology - Vacuum Gauges - Specifications for Hot Cathode Ionization Gauges first revision
42	IS 8288 : 1976 ISO 3669 Reviewed In : 2021 ISO 3669:1986	Specification for bakeable flanges
43	IS 9618 : 1980 Reviewed In : 2020 Reaffirmed but not taken up for revision	Specification for road tankers for liquefied petroleum gas
44	IS 9705 (Part 1) : 1980 Reviewed In : 2020	Specification for quick release coupling for vacuum pipe lines Part 1 screwed couplings type b
45	IS 9890 : 1981 Reviewed In : 2024	Specification for general purpose ball valves