

BUREAU OF INDIAN STANDARDS

Program of Work

MED 1 : Boilers And Pressure Vessels

Scope: a) Formulation of standards for terminology, acceptance tests layout of boilers and other aspects not covered under the Indian Boilers Regulations. b) Preparation of code for Unfired Pressure Vessels c) Co-ordination of work with ISO/TC 11 Boilers and Pressure Vessels.

Liaison: **TC-11 (P):**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10123 : 1982 Reviewed In : 2023	Data sheet for shell and tube type heat exchangers	September, 2023	-	Indigenous
2	IS 10470 : 1983 Reviewed In : 2020	Specification for air cooled heat exchangers	July, 2020	1	Indigenous
3	IS 10873 : 2023	Air-Cooled Heat Exchangers - Data Sheet (First Revision)		-	Indigenous
4	IS 13445 (Part 1) : 1992 Reviewed In : 2022	Industrial Water Tube Boilers- Supplier's Data Sheet :Part 1 Proposal Stage	February, 2022	-	Indigenous
5	IS 13445 (Part 2) : 1992 Reviewed In : 2022	Suppliers Data Sheet for Industrial Water Tube Boilers: Part 2 Post Order Stage	February, 2022	-	Indigenous
6	IS 13477 : 2024	Industrial Water Tube Boiler - Purchasers Datasheet (First Revision)		-	Indigenous
7	IS 13619 : 1993 Reviewed In : 2019	Industrial steam and hot water boiler plants - Maintaining of log and summary sheets - Recommendations	April, 2019	-	Indigenous
8	IS 13979 : 1994 Reviewed In : 2024	Method of calculation of efficiency of packaged boilers	April, 2024	-	Indigenous
9	IS 13980 : 1995 Reviewed In : 2024	Acceptance tests on industrial boilers - Code of practice	April, 2024	-	Indigenous
10	IS 15680 : 2021	Guidelines for selection of steam traps First revision of IS 15680		-	Indigenous
11	IS 15685 : 2006 Reviewed In : 2022	Purchaser's data sheet for power boiler	February, 2022	-	Indigenous
12	IS 15696 : 2006 Reviewed In : 2022	Supplier's data sheet for power boiler	February, 2022	1	Indigenous
13	IS/ISO 16528-1 : 2007 ISO 16528-1 : 2007 ISO 16528-1:2007	Boilers and Pressure Vessels Part 1 Performance Requirements		-	Identical under single numbering
14	IS/ISO 16528-2 : 2007 ISO 16528-2 : 2007 ISO 16528-1:2007	Boilers and Pressure Vessels Part 2 Procedures for Fulfilling the Requirements of ISO 16528-1		-	Identical under single numbering

15	SP 26 : 2021	Steam Tables in SI Units (Third Revision)		-	Indigenous
16	IS 2825 : 1969 Reviewed In : 2022	Code for unfired pressure vessels	February, 2022	5	Indigenous
17	IS 4049 (Part 1) : 2024	Formed Ends for Tanks and Pressure Vessels - Specification Part 1 Based on Outside Diameter (Third Revision)		-	Indigenous
18	IS 4049 (Part 1) : 1988 Reviewed In : 2023	Specification for formed ends for tanks and pressure vessels: Part 1 based on outside diameter (Second Revision)	September, 2023	1	Indigenous
19	IS 4049 (Part 2) : 2024	Formed Ends for Tanks and Pressure Vessels $\frac{1}{2}$ Specification Part 2 Based on Inside Diameter (Second Revision)		-	Indigenous
20	IS 4049 (Part 2) : 1996 Reviewed In : 2022	Formed ends for tanks and pressure vessels - Specification: Part 2 inside diameter basis (First Revision)	January, 2022	3	Indigenous
21	IS 4503 : 1967 Reviewed In : 2023	Specification for shell and tube type heat exchangers	September, 2023	3	Indigenous
22	IS 8595 : 2023	Parameters of Stationary Steam Boilers and Waste Heat Boilers - Terminology (First Revision)		-	Indigenous
23	IS 8596 : 1977 Reviewed In : 2022	Recommended parameters of stationary steam boilers	February, 2022	-	Indigenous
24	IS 8633 : 2023	Location of Boiler Installations and Boiler Houses - Technical Requirements (First Revision)		-	Indigenous
25	IS 8753 : 2024	Code for Acceptance Tests on Stationary Steam Generators of the Power Station Type (First Revision)		-	Indigenous
26	IS 9330 : 1979 Reviewed In : 2022	Terminology for parameters of waste heat boilers and boilers for special purposes	February, 2022	-	Indigenous
27	IS 9332 : 1979 Reviewed In : 2022	Recommended parameters of waste heat boilers and boilers for special purposes	February, 2022	-	Indigenous
28	IS 9404 : 2002 Reviewed In : 2022	Identification of pipeline used in thermal power plants - Colour code (First Revision)	February, 2022	-	Indigenous

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
1	MED 1 (27334) Revision of: IS 13445:1992	INDUSTRIAL WATER TUBE BOILERS SUPPLIERS DATA SHEET PART 1 PROPOSAL STAGE
2	MED 1 (27335) Revision of: IS 13445:1992	INDUSTRIAL WATER TUBE BOILERS SUPPLIERS DATA SHEET PART 2 POST ORDER STAGE

Preliminary Draft Standards

SI. No.	Doc No.	Title
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No Records Found

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
No Records Found		

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standard

SI. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
1	MED 1 (26387) Revision of: IS 13979:1994	METHOD OF CALCULATION OF EFFICIENCY OF PACKAGED BOILERS First Revision of IS 13979

Total Published Standards:26 Total Standards Under development:3

Aspect Wise Report

Product : 6
Code of Practices : 8
Methods of Test : 1
Terminology : 4
Dimensions : 0
System Standard : 0
Safety Standard : 1
Others : 5
Service Specification : 0
Process Specification : 1
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
No Records Found		

Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 10470 : 1983 Reviewed In : 2020	Specification for air cooled heat exchangers
2	IS/ISO 16528-1 : 2007 ISO 16528-1 : 2007 ISO 16528-1:2007	Boilers and Pressure Vessels Part 1 Performance Requirements
3	IS/ISO 16528-2 : 2007 ISO 16528-2 : 2007 ISO 16528-1:2007	Boilers and Pressure Vessels Part 2 Procedures for Fulfilling the Requirements of ISO 16528-1
4	IS 4049 (Part 1) : 2024	Formed Ends for Tanks and Pressure Vessels - Specification Part 1 Based on Outside Diameter Third Revision
5	IS 4049 (Part 2) : 2024	Formed Ends for Tanks and Pressure Vessels Specification Part 2 Based on Inside Diameter

		Second Revision
6	IS 4503 : 1967 Reviewed In : 2023	Specification for shell and tube type heat exchangers