

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	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
<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
1	MED 1 (26387)	METHOD OF CALCULATION OF EFFICIENCY OF PACKAGED BOILERS First Revision of IS 13979

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
<i>No Records Found</i>		

Total Published Standards:26 Total Standards Under development:1

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
<i>No Records Found</i>		

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	Specification for shell and tube type heat exchangers

