

BUREAU OF INDIAN STANDARDS

Program of Work

MTD 26 : Industrial Fuel-Fired Furnaces Sectional Committee

Scope: Standardization in the field of industrial fuel fired furnaces

Liaison: **ISO TC-244 (P): Industrial furnaces and associated processing equipment**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10298:1982 <i>Reviewed In : 2021</i> Reaffirmed but not taken up for revision	Guidelines for design and construction of mould and core drying ovens for foundries	March, 2021	-	Indigenous
2	IS 11462:1985 <i>Reviewed In : 2021</i> Reaffirmed but not taken up for revision	Specification for mould and core sand dryers, rotary type	March, 2021	1	Indigenous
3	IS 12368:1988 <i>Reviewed In : 2021</i>	Guidelines for design and construction of hot air generators	March, 2021	1	Indigenous
4	IS 12392:1988 <i>Reviewed In : 2021</i>	Code of practice for design, manufacture and testing of metallic recuperators	March, 2021	-	Indigenous
5	IS 12392:2025	Design, Manufacture and Testing of Metallic Recuperators - Code of Practice (First Revision)		-	Indigenous
6	IS 12553:1988 <i>Reviewed In : 2023</i>	Code of practice for design, construction, installation and operation of industrial gas/oil burning equipment	November, 2023	-	Indigenous
7	IS 12826 (Part 1):1989 <i>Reviewed In : 2021</i> Reaffirmed but not taken up for revision	Ordering, Testing and Acceptance of Industrial Furnaces - Code Of Practice Part 1 Purchaser's Data Sheet For Ordering Of Industrial Furnaces	March, 2021	1	Indigenous
8	IS 12826 (Part 2):1990 <i>Reviewed In : 2023</i> Reaffirmed but not taken up for revision	Ordering, Testing and Acceptance of Industrial Furnaces - Code of Practice - Part 2 : Supplier's Data Sheet for the Supply of Industrial Furnaces	March, 2023	-	Indigenous
9	IS 12826 (Part 3):1990 <i>Reviewed In : 2023</i> Reaffirmed but not taken up for revision	Code of practice for ordering, testing and acceptance of industrial furnaces: Part 3 Testing and acceptance of industrial furnaces	March, 2023	1	Indigenous

10	IS 13306:1992 Reviewed In : 2025	Oil and gas fired thermic fluid heaters - Method of calculation of film temperatures	April, 2025	-	Indigenous
11	IS 14245:1995 Reviewed In : 2023	Protective atmosphere for heat treatment furnaces - Recommendations	March, 2023	-	Indigenous
12	IS 14492:2025	Drying, Pre-Heating and Commissioning of Furnace Installations, Steam Boilers, Industrial Kilns and Chimneys - Recommendations (First Revision)		-	Indigenous
13	IS 14492:1997 Reviewed In : 2023	Drying, pre-heating and commissioning of furnace installations, steam boilers, industrial kilns and chimneys - Recommendations	November, 2023	-	Indigenous
14	IS 15562:2005 Reviewed In : 2023	Design and construction of fuel fired bogie hearth type heat treatment furnaces - Guidelines	March, 2023	-	Indigenous
15	IS 16191:2014 Reviewed In : 2025	Safety for oil fired furnaces	March, 2025	-	Indigenous
16	IS 16206:2017 Reviewed In : 2022	Safety for gas fired furnaces	March, 2022	-	Indigenous
17	IS 17082:2019 Reviewed In : 2024	Guidelines for Design and Construction of Continuous Pusher Type Oil / Gas Top Fired Reheating Furnaces	March, 2024	-	Indigenous
18	IS 17082:2025	Design and Construction of Continuous Pusher Type Coal /Oil/Gas Top Fired Reheating Furnaces - Guidelines (First Revision)		-	Indigenous
19	IS 17914 (Part 1):2022 ISO 13579-1: 2013 ISO 13579-1: 2013	Industrial furnaces and associated processing equipment Method of measuring energy balance and calculating efficiency Part 1: General methodology		-	Identical under dual numbering
20	IS 17914 (Part 2):2022 ISO 13579-2 : 2013 ISO 13579-2 : 2013	Industrial furnaces and associated processing equipment Method of measuring energy balance and calculating efficiency Part 2: Reheating furnaces for steel		-	Identical under dual numbering
21	IS 17914 (Part 3):2022 ISO 13579-3 : 2013 ISO 13579-3 : 2013	Industrial furnaces and associated processing equipment Method of measuring energy balance and calculating efficiency Part 3: Batch-type aluminium melting furnaces		-	Identical under dual numbering
22	IS 17914 (Part 4):2022 ISO 13579-4 : 2013 ISO 13579-4 : 2013	Industrial furnaces and associated processing equipment Method of measuring energy balance and calculating efficiency Part 4: Furnaces with protective or reactive atmosphere		-	Identical under dual numbering
23	IS 17914 (Part 5):2022 ISO 13579-11 : 2017 ISO 13579-11 :	Industrial furnaces and associated processing equipment Method of measuring energy balance and calculating energy efficiency Part		-	Identical under dual numbering

	2017	11: Evaluation of various kinds of efficiency			
24	IS 17984 (Part 1):2024 ISO 13577-1 : 2016 ISO 13577-1 : 2016	Industrial furnaces and associated processing equipment - Safety - Part 1: General requirements		-	Identical under dual numbering
25	IS 17984 (Part 2):2025 ISO 13577-2:2023 ISO 13577-2:2023	Industrial furnaces and associated processing equipment - Safety Part 2: Combustion and fuel handling systems (First Revision)		-	Identical under dual numbering
26	IS 17984 (Part 3):2024 ISO 13577-3:2016 ISO 13577-3:2016	Industrial furnaces and associated processing equipment -- Safety -- Part 3: Generation and use of protective and reactive atmosphere gases		-	Identical under dual numbering
27	IS 17984 (Part 4):2024 ISO 13577-4:2022 ISO 13577-4:2022	Industrial Furnaces and Associated Processing Equipment ½ Safety Part 4 Protective Systems		-	Identical under dual numbering
28	IS 8849:2024 ISO 13574 : 2015 ISO 13574 : 2015	Industrial Furnaces and Associated Processing Equipment â€” Vocabulary (Second Revision)		-	Identical under dual numbering
29	IS 9180:2011 Reviewed In : 2021	Recommendations for performance rating of fuel - fired furnaces (Second Revision)	March, 2021	-	Indigenous
30	IS 9444:2007 Reviewed In : 2023	Code of practice for installation of oil supply units for fuel - fired furnaces (First Revision)	March, 2023	-	Indigenous
31	IS 9977:1998 Reviewed In : 2023 Reaffirmed but not taken up for revision	Design and construction of box type forging furnaces - Guidelines (First Revision)	March, 2023	1	Indigenous

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
No Records Found		

Preliminary Draft Standards

SI. No.	Doc No.	Title
No Records Found		

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
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
No Records Found		

Total Published Standards:24 Total Standards Under development:0

Aspect Wise Report
Product : 1
Code of Practices : 17
Methods of Test : 1
Terminology : 1
Dimensions : 1
System Standard : 0
Safety Standard : 6
Others : 1
Service Specification : 0
Process Specification : 0
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 11462:1985 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specifiation for mould and core sand dryers rotary type