

BUREAU OF INDIAN STANDARDS

Program of Work

CHD 32 : Environment Protection

Scope: To formulate Indian Standards on i) Guidelines and Codes of Practices for control of pollution; ii) Terminology, methods of sampling and characterization of soil (excluding engineering and agricultural purposes); iii) Codes of Practices and Guidelines on reduction, recycling, reuse, treatment and disposal of wastes (other than solid wastes); iv) Characterization and classification of wastes (other than solid wastes).

Liaison: **ISO TC-282 (P): Water reuse ISO TC-282 SC-1 (P): Treated wastewater reuse for irrigation ISO TC-282 SC-2 (P): Water reuse in urban areas ISO TC-282 SC-3 (P): Risk and performance evaluation of water reuse systems ISO TC-282 SC-4 (P): Industrial water reuse**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10044 : 1981 <i>Reviewed In : 2019</i>	Guide for Treatment and Disposal of Effluents of Petroleum Refining Industry	November, 2019	-	Indigenous
2	IS 10179 : 1982 <i>Reviewed In : 2019</i>	Code of Practice for Control of Air Pollution in Petroleum Refineries	November, 2019	-	Indigenous
3	IS 10495 : 1983 <i>Reviewed In : 2019</i>	Guide for Treatment and Disposal of Effluents of Wool Processing Industry	November, 2019	-	Indigenous
4	IS 11304 : 1985 <i>Reviewed In : 2019</i>	Code of Practice for Control of Air Pollution in Iron and Steel Plants	November, 2019	-	Indigenous
5	IS 12002 : 1987 <i>Reviewed In : 2019</i>	Code of Practice for Control of Air Pollution in Cement Plants	November, 2019	-	Indigenous
6	IS 12112 : 1987 <i>Reviewed In : 2019</i>	Code of Practice for Control of Air Pollution in Refractories Industry	November, 2019	-	Indigenous
7	IS 12185 : 1987 <i>Reviewed In : 2019</i>	Code of Practice for Control of Air Pollution in Integrated Aluminium Industries	November, 2019	-	Indigenous
8	IS 17622 (Part 1) : 2021 20760-1 : 2018 <i>20760-1 : 2018</i>	Water Reuse in Urban Areas Guidelines for Centralized Water Reuse System Part 1 Design Principle of a Centralized Water Reuse System		-	Identical under dual numbering
9	IS 17622 (Part 2) : 2021 20760-2 : 2017 <i>20760-2 : 2017</i>	Water Reuse in Urban Areas Guidelines for Centralized Water Reuse System Part 2 Management of a Centralized Water Reuse System		-	Identical under dual numbering
10	IS 17623 : 2021 20670 : 2018 <i>20670 : 2018</i>	Water Reuse Vocabulary		-	Identical under dual numbering
11	IS 17662 : 2021 20469 : 2018	Guidelines for Water Quality Grade Classification for Water		-	Identical under dual numbering

	20469 : 2018	Reuse			
12	IS 17663 : 2021 20761 : 2018 20761 : 2018	Water Reuse in Urban Areas Guidelines for Water Reuse Safety Evaluation Assessment Parameters and Methods		-	Identical under dual numbering
13	IS 17664 : 2021 20419:2018 20419:2018	Treated Wastewater Reuse for Irrigation Guidelines for the Adaptation of Irrigation Systems and Practices to Treated Wastewater		-	Identical under dual numbering
14	IS 17665 (Part 1) : 2021 20468 -1 : 2018 20468 -1 : 2018	Guidelines for Performance Evaluation of Treatment Technologies for Water Reuse Systems Part 1 General		-	Identical under dual numbering
15	IS 17665 (Part 2) : 2021 20468-2:2019 20468-2:2019	Guidelines for Performance Evaluation of Treatment Technologies for Water Reuse Systems Part 2 Methodology to Evaluate Performance of Treatment Systems on the Basis of Greenhouse Gas Emissions		-	Identical under dual numbering
16	IS 17666 (Part 1) : 2021 21939-1 21939-1	A Method to Calculate and Express Energy Consumption of Industrial Wastewater Treatment for the Purpose of Water Reuse Part 1 Biological Processes		-	Identical under dual numbering
17	IS 17675 (Part 1) : 2021 16075-1 : 2015 16075-1 : 2015	Guidelines for Treated Wastewater use for Irrigation Projects Part 1 the Basis of a Reuse Project for Irrigation		-	Identical under dual numbering
18	IS 17675 (Part 2) : 2021 16075-2 : 2015 16075-2 : 2015	Guidelines for Treated Wastewater Use for Irrigation Projects Part 2 Development of the Project		-	Identical under dual numbering
19	IS 17675 (Part 3) : 2021 16075-3 : 2015 16075-3 : 2015	Guidelines for Treated Wastewater Use for Irrigation Projects Part 3 Components of a Reuse Project for Irrigation		-	Identical under dual numbering
20	IS 17675 (Part 4) : 2021 16075-4 : 2016 16075-4 : 2016	Guidelines for Treated Wastewater Use for Irrigation Projects Part 4 Monitoring		-	Identical under dual numbering
21	IS 17677 : 2021 20426 : 2018 20426 : 2018	Guidelines for Health Risk Assessment and Management for Non-Potable Water Reuse		-	Identical under dual numbering
22	IS 7967 : 1976 Reviewed In : 2019	Criteria for Controlling Pollution of Marine Coastal Areas	November, 2019	1	Indigenous
23	IS 8032 : 1976 Reviewed In : 2019	Guide for Treatment of Distillery Effluents	November, 2019	-	Indigenous
24	IS 8073 : 1976 Reviewed In : 2019	Guide for Treatment and Disposal of Steel Plant Effluents	November, 2019	-	Indigenous
25	IS 8682 : 1977 Reviewed In : 2019	Guide for Treatment and Disposal of Effluents of Dairy Industry	November, 2019	-	Indigenous
26	IS 9078 : 1979 Reviewed In : 2019	Code for Use of Ringelmann and Miniature Smoke Charts	November, 2019	-	Indigenous
27	IS 9427 : 1980 Reviewed In : 2019	Code of Practice for Operation and Maintenance of Deionizing Columns	November, 2019	-	Indigenous
28	IS 9508 : 1980	Guide for Treatment and Disposal	November, 2019	-	Indigenous

	Reviewed In : 2019	of Effluents of Cotton and Synthetic Textile Industry			
29	IS 9509 : 1980 Reviewed In : 2019	Guide for Treatment and Disposal of Effluents of Viscose Rayon Industry	November, 2019	-	Indigenous
30	IS 9841 : 2022	Guide for Treatment and Disposal of Effluents of Fertilizer Industry		-	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			
1	CHD 32 (26116) Revision of: IS 17623:2021	Water reuse Vocabulary First Revision			

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title			
1	CHD 32 (22145) Revision of: IS 17623:2021	GUIDE FOR TREATMENT AND DISPOSAL OF STEEL PLANT EFFLUENTS First Revision			

Finalized Draft Indian Standard

SI. No.	Doc No.	Title			
1	CHD 32 (23893)	GUIDELINES FOR TREATED WASTEWATER USE FOR IRRIGATION PROJECTS PART 5 TREATED WASTEWATER DISINFECTION AND EQUIVALENT TREATMENTS			
2	CHD 32 (23896)	INDUSTRIAL WASTEWATER CLASSIFICATION			
3	CHD 32 (24070) Revision of: IS 10044:1981	GUIDE FOR TREATMENT AND DISPOSAL OF EFFLUENTS OF PETROLEUM REFINING INDUSTRY First Revision			
4	CHD 32 (24180) Revision of: IS 10179:1982	CONTROL OF AIR POLLUTION IN PETROLEUM REFINERIES - CODE OF PRACTICE First Revision			
5	CHD 32 (24202) Revision of: IS 12002:1987	CONTROL OF AIR POLLUTION IN CEMENT PLANTS - CODE OF PRACTICE First Revision			
6	CHD 32 (24345) Revision of: IS 9427:1980	OPERATION AND MAINTENANCE OF DEIONIZING COLUMNS CODE OF PRACTICE First Revision			

Finalized Draft Indian Standards under Print

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

Total Published Standards:30 Total Standards Under development:8

Aspect Wise Report

Product : 0

Code of Practices : 29
 Methods of Test : 0
 Terminology : 1
 Dimensions : 0
 System Standard : 0
 Safety Standard : 0
 Others : 0
 Service Specification : 0
 Process Specification : 0
 Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

Sl. No.	IS No. & Year	Title
1	IS 2488 (Part 2) : 1968 Reviewed In : 1999	Methods of Sampling and Test for Industrial Effluents Part II
2	IS 2488 (Part 3) : 1968 Reviewed In : 1999	Methods of Sampling and Test for Industrial Effluents - Part III
3	IS 2488 (Part 5) : 1976	Methods of sampling and test for industrial effluents Part V
4	IS 3025 : 1964	Methods of Sampling and Test Physical and Chemical for Water Used in Industry
5	IS 3025 (Part 12) : 1983 Reviewed In : 2006	Methods of sampling and test physical and chemical for water and wastewater Part 12 Density
6	IS 3025 (Part 13) : 1983	Methods of sampling and test physical and chemical for water and wastewater Part 13 Saturation index with respect to calcium carbonate

Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
<i>No Records Found</i>		