

## BUREAU OF INDIAN STANDARDS

### Program of Work

#### CHD 36 : Water Quality

**Scope:** To formulate Indian Standards on i) Terminology, methods of sampling and analysis (physical, chemical and biochemical) of water, sewage, industrial effluents and marine water

**Liaison:** **ISO TC-147 (P):** *Water quality* **ISO TC-147 SC-1 (P):** *Terminology* **ISO TC-147 SC-2 (P):** *Physical, chemical and biochemical methods* **ISO TC-147 SC-5 (P):** *Biological methods* **ISO TC-147 SC-6 (P):** *Sampling (general methods)*

### Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 13969 (Part 11):2018 ISO 5667-11 : 2009 Reviewed In : 2023 Identical	Water quality - Sampling: Part 11 guidance on sampling of groundwaters (First Revision)	November, 2023	-	Identical under dual numbering
2	IS 15302:2003 Reviewed In : 2023	Determination of Aluminum and Barium in Water By Direct Nitrous Oxide - Acetylene Flame Atomic Absorption Spectrometry	August, 2023	-	Indigenous
3	IS 15303:2003 Reviewed In : 2023	Determination of Antimony, Iron and Selenium in Water By Electrothermal Atomic Absorption Spectrometric Method	August, 2023	-	Indigenous
4	IS 1622:1981 Reviewed In : 2019	Methods of sampling and microbiological examination or water (First Revision)	January, 2019	4	Indigenous
5	IS 17614:2021 ISO 5667-21: 2010 Reviewed In : 2026 ISO 5667-21: 2010	Water quality Sampling Part 21 Guidance on Sampling of Drinking Water distributed by tankers or means other than distribution pipes	March, 2026	-	Identical under dual numbering
6	IS 17614 (Part 1):2025 5667-1:2023 5667-1:2023	Water Quality Sampling Part 1 Guidance on the Design of Sampling Programmes and Sampling Techniques (First Revision)		-	Identical under dual numbering
7	IS 17614 (Part 3):2024 5667-3: 2024 5667-3: 2024	Water Quality Sampling Part 3 Preservation and Handling of Water Samples First Revision		-	Identical under dual numbering
8	IS 17614 (Part 4):2021 ISO 5667-4 : 2016 Reviewed In : 2026 ISO 5667-4 : 2016	WATER QUALITY - SAMPLING Part 4 Guidance on sampling from natural and manmade lakes	March, 2026	-	Identical under dual numbering
9	IS 17614 (Part	WATER QUALITY - SAMPLING	March, 2026	-	Identical under dual

	5):2021 ISO 5667-5 : 2006 Reviewed In : 2026 ISO 5667-5 : 2006	Part 5 Guidance on sampling of drinking water from treatment works and piped distribution systems			numbering
10	IS 17614 (Part 6):2021 ISO 5667-6 : 2014 Reviewed In : 2026 ISO 5667-6 : 2014	WATER QUALITY - SAMPLING Part 6 Guidance on sampling of rivers and streams	March, 2026	-	Identical under dual numbering
11	IS 17614 (Part 7):2021 ISO 5667-7 : 1993 Reviewed In : 2026 ISO 5667-7 : 1993	WATER QUALITY - SAMPLING Part 7 Guidance on sampling of water and steam in boiler plants	March, 2026	-	Identical under dual numbering
12	IS 17614 (Part 8):2021 IS/ISO 5667-8 : 1993 Reviewed In : 2026 IS/ISO 5667-8 : 1993	WATER QUALITY - SAMPLING Part 8 Guidance on the sampling of wet deposition	March, 2026	-	Identical under single numbering
13	IS 17614 (Part 9):2021 ISO 5667-9 : 1992 Reviewed In : 2026 ISO 5667-9 : 1992	WATER QUALITY - SAMPLING Part 9 Guidance on sampling from marine waters	March, 2026	-	Identical under dual numbering
14	IS 17614 (Part 10):2021 ISO 5667-10: 2020 Reviewed In : 2026 ISO 5667-10: 2020	WATER QUALITY - SAMPLING Part 10 Guidance on sampling of waste waters	March, 2026	-	Identical under dual numbering
15	IS 17614 (Part 12):2022 ISO 5667-12:2017 ISO 5667-12:2017	Water Quality Sampling Part 12: Guidance on Sampling of Bottom Sediments from Rivers Lakes and Estuarine Areas		-	Identical under dual numbering
16	IS 17614 (Part 13):2021 ISO 5667-13 :2011 Reviewed In : 2026 ISO 5667-13 :2011	Water quality Sampling Part 13: Guidance on sampling of sludges	March, 2026	-	Identical under dual numbering
17	IS 17614 (Part 14):2021 ISO 5667-14:2014 Reviewed In : 2026 ISO 5667-14:2014	Water Quality Sampling Part 14: Guidance on Quality Assurance and Quality Control of Environmental Water Sampling and Handling	March, 2026	-	Identical under dual numbering
18	IS 17614 (Part 15):2021 ISO 5667-15:2009 Reviewed In : 2026 ISO 5667-15:2009	Water quality -Sampling- Part 15 Guidance on the preservation and handling of sludge and sediment samples	March, 2026	-	Identical under dual numbering
19	IS 17614 (Part 16):2021 ISO 5667-16:2017 Reviewed In : 2026 ISO 5667-16:2017	Water Quality Sampling Part 16 Guidance on Biotesting of Samples	March, 2026	-	Identical under dual numbering
20	IS 17614 (Part 17):2022 ISO 5667-17:2008 ISO 5667-17:2008	Water Quality Sampling Part 17 Guidance on Sampling of Bulk Suspended Solids		-	Identical under dual numbering

21	IS 17614 (Part 19):2021 ISO 5667-19 : 2004 Reviewed In : 2026 ISO 5667-19 : 2004	Water Quality Sampling Part 19 Guidance on Sampling of Marine Sediments	March, 2026	-	Identical under dual numbering
22	IS 17614 (Part 20):2021 ISO 5667-20:2008 Reviewed In : 2026 ISO 5667-20:2008	Water Quality Sampling Part 20 Guidance on the Use of Sampling Data for Decision Making Compliance with Thresholds and Classification Systems	March, 2026	-	Identical under dual numbering
23	IS 17614 (Part 22):2021 ISO 5667-22: 2010 Reviewed In : 2026 ISO 5667-22: 2010	Water Quality Sampling Part 22 Guidance on the Design and Installation of Groundwater Monitoring Points	March, 2026	-	Identical under dual numbering
24	IS 17614 (Part 23):2021 ISO 5667-23: 2011 Reviewed In : 2026 ISO 5667-23: 2011	Water Quality Sampling Part 23 Guidance on Passive Sampling in Surface Waters	March, 2026	-	Identical under dual numbering
25	IS 17614 (Part 24):2021 ISO 5667-24: 2016 Reviewed In : 2026 ISO 5667-24: 2016	Water Quality Sampling Part 24: Guidance on the Auditing of Water Quality sampling	March, 2026	-	Identical under dual numbering
26	IS 17614 (Part 25):2022 ISO 19458: 2006 ISO 19458: 2006	Water Quality Sampling Part 25 Microbiological Analysis		-	Identical under dual numbering
27	IS 18283:2023	Portable Field Testing Kit for Onsite Testing of Drinking Water - Specification		-	Indigenous
28	IS 18612 (Part 1):2024 ISO 8466-1:2021 ISO 8466-1:2021	Water quality Calibration and evaluation of analytical methods Part 1: Linear calibration function		-	Identical under dual numbering
29	IS 3025 (Part 2):2019 ISO 11885 : 2007 Reviewed In : 2023 ISO 11885 : 2007	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater: Part 2 Determination of Selected Elements by Inductively Coupled Plasma Optical Emission Spectrometry (ICP - OES) (First Revision)	August, 2023	-	Identical under dual numbering
30	IS 3025 (Part 3):2024	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 3 Precision and Accuracy (Second Revision)		-	Indigenous
31	IS 3025 (Part 4):2021 Reviewed In : 2026	METHODS OF SAMPLING AND TEST PHYSICAL AND CHEMICAL FOR WATER AND WASTE WATER PART 4 COLOUR Second Revision	March, 2026	-	Indigenous
32	IS 3025 (Part 5):2018 Reviewed In : 2022	Methods of Sampling and Test (Physical and Chemical) for Water and Waste Water: Part 5 Odour (Second Revision)	August, 2022	-	Indigenous
33	IS 3025 (Part 6):2018	Methods of Sampling and Test (Physical and Chemical) for Water	August, 2022	-	Indigenous

	Reviewed In : 2022	and Waste Water: Part 6 Odour Threshold (Second Revision)			
34	IS 3025 (Part 7):2017 Reviewed In : 2022	Methods of Sampling and Test (Physical And Chemical) for Water and Waste Water: Part 7 Taste Threshold (Second Revision)	December, 2022	-	Indigenous
35	IS 3025 (Part 8):2023	Methods of Sampling and Test Physical and Chemical For Water and Wastewater Part 8 Taste Rating Second Revision		-	Indigenous
36	IS 3025 (Part 9):2023	Methods of Sampling and Test Physical and Chemical For Water and Wastewater Part 9 Temparture Second Revision		-	Indigenous
37	IS 3025 (Part 10):2023	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 10 Turbidity Second Revision		-	Indigenous
38	IS 3025 (Part 10/Sec 2):2024 ISO 7027-2: 2019 ISO 7027-2: 2019	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 10 Turbidity Section 2 Semi-quantitative methods for the assessment of transparency of waters		-	Identical under dual numbering
39	IS 3025 (Part 11):2022 ISO 10523:2008 ISO 10523:2008	Methods of Sampling and Test (Physical and Chemical) for Water and Waste Water Part 11 pH value (Second Revision)		-	Identical under dual numbering
40	IS 3025 (Part 14):2013 ISO 7888:1985 Reviewed In : 2023 ISO 7888 : 1985	Methods of Sampling and Test (Physical and Chemical) for Water and Waste Water: Part 14 Specific Conductance (Wheatstone Bridge, Conductance Cell) (Second Revision)	August, 2023	-	Identical under dual numbering
41	IS 3025 (Part 15):2023	Methods of Sampling and Test Physical and Chemical for Water and Waste Water Part 15 Total Residue Dissolved and Suspended Solids Second Revision		-	Indigenous
42	IS 3025 (Part 16):2023	Methods of Sampling and Test Physical And Chemical for Water and Waste Water Part 16 Filterable Residue Total Dissolved Solids at 180 C Second Revision		-	Indigenous
43	IS 3025 (Part 17):2022	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 17 Non-Filterable Residue Total Suspended Solids at 103 C - 105 C (Second Revision)		-	Indigenous
44	IS 3025 (Part 18):2022	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 18 Volatile and Fixed Solids (Total, Filterable and Non-Filterable at 550 C (Second Revision)		-	Indigenous
45	IS 3025 (Part 19):2018	Methods of Sampling and Test (Physical and Chemical) for Water and Waste Water: Part 19	August, 2023	-	Indigenous

	Reviewed In : 2023	Settleable Matter (Second Revision)			
46	IS 3025 (Part 20):2024	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 20 Dispersion Characteristics (Flow Patterns) (Second Revision)		-	Indigenous
47	IS 3025 (Part 21):2009 Reviewed In : 2023 ISO /TS 15923-2:2017	Methods of Sampling and Test (Physical and Chemical) for Water and Waste Water: Part 21 Hardness (Second Revision)	July, 2023	-	Not Equivalent
48	IS 3025 (Part 22):2024	Methods of Sampling and Test Physical and Chemical For Water and Wastewater Part 22 Acidity (Second Revision )		-	Indigenous
49	IS 3025 (Part 23):2023	Methods of Sampling and Test Physical and Chemical For Water and Wastewater Part 23 Alkalinity Second Revision		-	Indigenous
50	IS 3025 (Part 24/Sec 1):2022	Methods of Sampling and Test (Physical and Chemical) for Water and Waste Water Part 24 Sulphates Section 1 Gravimetric and Turbidity Methods (Second Revision)		-	Indigenous
51	IS 3025 (Part 24/Sec 2):2021 ISO 22743 : 2006 Reviewed In : 2026 ISO 22743 : 2006	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 24 Sulphates Section 2 Method by Continuous Flow Analysis	March, 2026	-	Identical under dual numbering
52	IS 3025 (Part 25):2024	Methods of Sampling and Test Physical and Chemical For Water and Wastewater Part 25 Chlorine Demand Second Revision		-	Indigenous
53	IS 3025:2021 Reviewed In : 2026	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 26 Chlorine Residual (Second Revision) of IS 3025Part 26	March, 2026	-	Indigenous
54	IS 3025 (Part 27/Sec 1):2021 Reviewed In : 2026	Methods of Sampling and Test (Physical and Chemical) for Water and Waste Water Part 27 Cyanide Section 1 Titrimetric, Colorimetric and Ion-Selective Methods (Second Revision)	March, 2026	-	Indigenous
55	IS 3025 (Part 27/Sec 2):2022 ISO 14403-1 : 2012 ISO 14403-1 : 2012	Methods of Sampling and Test (Physical and Chemical) for Water and Waste Water Part 27 Cyanides Section 2 Methods Using Flow Injection Analysis		-	Identical under dual numbering
56	IS 3025 (Part 27/Sec 3):2021 ISO 14403-2 : 2012 Reviewed In : 2026 ISO 14403-2 : 2012	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 27 Cyanides Section 3 Methods Using Continuous Flow Analysis (CFA)	March, 2026	-	Identical under dual numbering
57	IS 3025 (Part 28):2024	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 28 Sulphites		-	Indigenous

		(Second Revision)			
58	IS 3025 (Part 29):2022	Methods of Sampling and Test (Physical and Chemical) for Water and Waste Water Part 29 Sulphide (Second Revision)		-	Indigenous
59	IS 3025 (Part 30):2024	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 30 Bromide (Second Revision)		-	Indigenous
60	IS 3025 (Part 31/Sec 1):2022	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 31 Phosphorous Section 1 Determination by Vanadomolybdo-phosphoric Acid, Stannous Chloride, Ascorbic Acid and Persulphate Method (Second Revision)		-	Indigenous
61	IS 3025 (Part 31/Sec 2):2022 ISO 15681-Part1: 2003 ISO 15681-Part1: 2003	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 31 Phosphorus Section 2 Determination of Orthophosphate and Total Phosphorous Contents by Flow Analysis (FIA and CFA) - Method by Flow Injection Analysis (FIA)		-	Identical under dual numbering
62	IS 3025 (Part 31/Sec 3):2022 ISO 15681- Part 2:2018 ISO 15681- Part 2:2018	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 31 Phosphorous Section 3 Determination of Orthophosphate and Total Phosphorous Contents by Flow Analysis (FIA and CFA) - Method by Continuous Flow Analysis (CFA)		-	Identical under dual numbering
63	IS 3025 (Part 32):1988 Reviewed In : 2024	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater: Part 32 Chloride (First Revision)	January, 2024	-	Indigenous
64	IS 3025 (Part 32):2025	Methods of Sampling and Test Physical and Chemical For Water and Wastewater Part 32 Chloride (Second Revision)		-	Indigenous
65	IS 3025 (Part 33):2009 Reviewed In : 2024 ISO 10304-3:1997	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater: Part 33 Iodide (Second Revision)	January, 2024	-	Not Equivalent
66	IS 3025 (Part 34/Sec 1):1988 Reviewed In : 2019	Methods of sampling and test (Physical And Chemical) for water and wastewater: Part 34 nitrogen (First Revision)	January, 2019	-	Indigenous
67	IS 3025 (Part 34/Sec 1):2023	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 34 Nitrogen Section 1 Determination of Various Types of Nitrogen Like Ammonical , Nitrate, Nitrite and Organic Nitrogen (Second		-	Indigenous



		Revision)			
68	IS 3025 (Part 34/Sec 2):2021 ISO 11732: 2005 Reviewed In : 2026 ISO 11732: 2005	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 34 Nitrogen Section 2 Determination of Ammonium Nitrogen Method by Flow Analysis (CFA and FIA) and Spectrometric Detection	March, 2026	-	Identical under dual numbering
69	IS 3025 (Part 34/Sec 3):2021 ISO 13395:1996 Reviewed In : 2026 ISO 13395:1996	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 34 Nitrogen Section 3 Determination of Nitrite Nitrogen and Nitrate Nitrogen and the Sum of Both by Flow Analysis (CFA and FIA) and Spectrometric and Detection	March, 2026	-	Identical under dual numbering
70	IS 3025 (Part 34/Sec 4):2022 ISO 29441:2010 ISO 29441:2010	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 34 Nitrogen Section 4 Determination of Total Nitrogen After UV Digestion- Methods Using Flow Analysis (CFA and FIA) and Spectrometric Determination		-	Identical under dual numbering
71	IS 3025 (Part 35):2024	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 35 Silica (Second Revision)		-	Indigenous
72	IS 3025 (Part 36):2023	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 36 Ozone, Residual (Second Revision)		-	Indigenous
73	IS 3025 (Part 37):2022	Methods and Sampling and Test (Physical and Chemical) for Water and Wastewater Part 37 Arsenic (Second Revision)		-	Indigenous
74	IS 3025 (Part 38):2025	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 38 Dissolved Oxygen ( Second Revision )		-	Indigenous
75	IS 3025 (Part 38):1989 Reviewed In : 2023	Water and Wastewater - Methods of Sampling and Test (Physical and Chemical): Part 38 Dissolved Oxygen (First Revision)	July, 2023	-	Indigenous
76	IS 3025 (Part 38/Sec 2):2023 17289: 2014 17289: 2014	Methods of Sampling and Test (Physical and Chemical) for Water and Waste Water Part 38 Dissolved Oxygen Section 2 Optical Sensor Method		-	Identical under dual numbering
77	IS 3025:2021 Reviewed In : 2026	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 39 Oil and Grease ( Second Revision)	March, 2026	-	Indigenous
78	IS 3025 (Part 40):2024	Methods of Sampling and Test Physical and Chemical For Water and Wastewater Part 40 Calcium (Second Revision)		-	Indigenous
79	IS 3025 (Part 41):2023	Methods of Sampling and Test Physical and Chemical for Water		-	Indigenous

		and Wastewater Part 41 Cadmium (Second Revision)			
80	IS 3025 (Part 42):2024	Methods of Sampling and Test Physical and Chemical For Water and Wastewater Part 42 Copper (Second Revision)		-	Indigenous
81	IS 3025 (Part 43/Sec 1):2022	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 43 Phenol ( Section 1 4-Aminoantipyrine Method with and without Chloroform Extraction method ) ( Second Revision )		-	Indigenous
82	IS 3025 (Part 43/Sec 2):2022 ISO 14402:1999 ISO 14402:1999	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 43 Phenol Section 2 Determination of Phenol Index by Flow Analysis (FIA and CFA)		-	Identical under dual numbering
83	IS 3025 (Part 44):2023	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 44 Biochemical Oxygen Demand (BOD) (Second Revision)		-	Indigenous
84	IS 3025 (Part 45):2024	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 45 Sodium and Potassium (Second Revision)		-	Indigenous
85	IS 3025 (Part 46):2023	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 46 Magnesium Second Revision		-	Indigenous
86	IS 3025 (Part 47):2024	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 47 Lead (Second Revision)		-	Indigenous
87	IS 3025 (Part 48):1994 Reviewed In : 2024	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater: Part 48 Mercury (First Revision)	January, 2024	1	Indigenous
88	IS 3025 (Part 48):2025	Methods of Sampling and Test (Physical And Chemical) for Water and Wastewater Part 48 Mercury (Second Revision )		-	Indigenous
89	IS 3025 (Part 49):2024	METHODS OF SAMPLING AND TEST PHYSICAL AND CHEMICAL FOR WATER AND WASTEWATER PART 49 Zinc Second Revision		-	Indigenous
90	IS 3025 (Part 50):2023	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 50 Jar Test (Second Revision)		-	Indigenous
91	IS 3025 (Part 51):2023	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 51 Carbonate and Bicarbonate (Second Revision)		-	Indigenous
92	IS 3025 (Part 52):2003	Methods of Sampling and Test (Physical and Chemical) for Water	August, 2023	-	Not Equivalent



	Reviewed In : 2023 ISO 11083 : 1994 ISO 9174 : 1998	and Wastewater: Part 52 Chromium (First Revision)			
93	IS 3025 (Part 52/Sec 2):2021 ISO 23913: 2006 Reviewed In : 2026 ISO 23913: 2006	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 52 Chromium Section 2 Method Using Flow Analysis (FIA and CFA) and Spectrometric Detection	March, 2026	-	Identical under dual numbering
94	IS 3025 (Part 53):2024	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 53 Iron (Second Revision)		-	Indigenous
95	IS 3025 (Part 54):2003 Reviewed In : 2023 ISO 8288 : 1986	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater: Part 54 Nickel (First Revision)	August, 2023	-	Not Equivalent
96	IS 3025 (Part 55):2003 Reviewed In : 2023 ISO 10566 : 1994 ISO 12020 : 1997	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater: Part 55 Aluminium (First Revision)	August, 2023	1	Not Equivalent
97	IS 3025 (Part 56):2003 Reviewed In : 2023 ISO/TS 17379-1 : 2013 ISO/TS 17379-2 : 2013	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater: Part 56 Selenium (First Revision)	August, 2023	-	Not Equivalent
98	IS 3025 (Part 57):2021 Reviewed In : 2026	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 57 Boron (Second Revision)	March, 2026	-	Indigenous
99	IS 3025 (Part 58):2023	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 58 Chemical Oxygen Demand COD (Second Revision)		-	Indigenous
100	IS 3025 (Part 59):2023	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 59 Manganese (Second Revision)		-	Indigenous
101	IS 3025 (Part 60):2023	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 60 Fluoride Section 1 Ion-selective electrode SPANDS and Liquid Chromatography methods (Second Revision)		-	Indigenous
102	IS 3025 (Part 60/Sec 2):2022 ISO 17951-1:2016 ISO 17951-1:2016	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 60 Fluoride Section 2 Method using flow injection analysis FIA and spectrometric detection after off- line distillation		-	Identical under dual numbering
103	IS 3025 (Part 60/Sec 3):2022 ISO 17951-2:2016 ISO 17951-2:2016	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 60 Fluoride Section 3 Method using continuous		-	Identical under dual numbering

		flow analysis CFA with automated in-line distillation			
104	IS 3025 (Part 61):2008 Reviewed In : 2023	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater: Part 61 Total and Free Carbon Dioxide (First Revision)	August, 2023	-	Indigenous
105	IS 3025 (Part 62):2023	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 62 Tannins (Second Revision)		-	Indigenous
106	IS 3025 (Part 63):2007 Reviewed In : 2023	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater: Part 63 Oxygen Absorbed in 4 h (First Revision)	June, 2023	-	Indigenous
107	IS 3025 (Part 64):2025 17294-1 17294-1	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 64 Application of Inductively Coupled Plasma Mass Spectrometry ICP-MS General Requirements (First Revision)		-	Identical under dual numbering
108	IS 3025 (Part 65):2025 17294-2:2023 17294-2:2023	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 65 Application of Inductively Coupled Plasma Mass Spectrometry ICP-MS Determination of Selected Elements Including Uranium Isotopes (Second Revision)		-	Identical under dual numbering
109	IS 3025 (Part 67):2018 ISO 15061 : 2001 Reviewed In : 2023 ISO 15061:2001	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater: Part 67 Determination of Dissolved Bromate - Method by Liquid Chromatography of Ions	February, 2023	-	Identical under dual numbering
110	IS 3025 (Part 68):2019 Reviewed In : 2023 ISO 7875-1 : 1996	Methods of Sampling and Test (Physical and Chemical ) for Water and Wastewater Part 68 Anionic Surfactants	August, 2023	-	Not Equivalent
111	IS 3025 (Part 69):2018 ISO 8245 : 1999 Reviewed In : 2023 ISO 8245:1999	Methods of Sampling and Test (Physical and Chemical) for Water and Waste Water: Part 69 Total Organic Carbon and Dissolved Organic Carbon	February, 2023	-	Identical under dual numbering
112	IS 3025 (Part 70):2018 ISO 9562 : 2004 Reviewed In : 2023 9562:2004	Methods of Sampling and Test (Physical and Chemical) for Water and Waste Water: Part 70 Adsorbable Organically Bound Halogens (AOX)	February, 2023	-	Identical under dual numbering
113	IS 3025 (Part 71):2021 ISO 14911 : 1998 Reviewed In : 2026 ISO 14911 : 1998	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 71 Determination of Dissolved Cations Using Ion Chromatography	March, 2026	-	Identical under dual numbering
114	IS 3025 (Part 72):2022 ISO 25101 : 2009	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 72		-	Identical under dual numbering

	ISO 25101 : 2009	Determination of Perfluorooctanesulfonate (PFOS) and Perfluorooctanoate (PFOA)			
115	IS 3025 (Part 73):2021 ISO 20236 : 2018 Reviewed In : 2026 ISO 20236 : 2018	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 73 Instrument Based Method for Determination of Total Organic Carbon (TOC), Dissolved Organic Carbon (DOC), Total Bound Nitrogen (TNb) and Dissolved Bound Nitrogen (DNb)	March, 2026	-	Identical under dual numbering
116	IS 3025 (Part 74):2022	Methods of Sampling and Test (Physical and Chemical) for Water and Waste Water Part 74 Vanadium		-	Indigenous
117	IS 3025 (Part 75):2022 ISO 10304-1:2007 ISO 10304-1:2007	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 75 Determination of Dissolved Anions by Liquid Chromatography of Ions - Determination of Bromide, Chloride, Fluoride, Nitrate, Nitrite Phosphate and Sulfate		-	Identical under dual numbering
118	IS 3025 (Part 76):2021 Reviewed In : 2026 ISO 9390:1990	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 76 Determination of Borate - Spectrometric Method Using Azomethine-H	March, 2026	-	Identical under dual numbering
119	IS 3025 (Part 77):2021 ISO 16264: 2002 Reviewed In : 2026 ISO 16264: 2002	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 77 Determination of Soluble Silicates by Flow Analysis (FIA and CFA) and Photometric Detection	March, 2026	-	Identical under dual numbering
120	IS 3025 (Part 78):2021 ISO 16265: 2009 Reviewed In : 2026 ISO 16265: 2009	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 78 Determination of the Methylene Blue Active Substances (MBAS) Index Method Using Continuous Flow Analysis (CFA)	March, 2026	-	Identical under dual numbering
121	IS 3025 (Part 79):2023	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 79 Silver		-	Indigenous
122	IS 3025 (Part 80):2023	Methods of Sampling and Test (Physical and Chemical) for Water and Wastewater Part 80 Chlorine Dioxide		-	Indigenous
123	IS 3025 (Part 81):2024 10304-4: 2022 10304-4: 2022	Methods of sampling and test Physical and Chemical for water and wastewater Part 81 Determination of chlorate chloride and chlorite in water with low contamination		-	Identical under dual numbering
124	IS 3025 (Part 82):2024 ISO 15923-1:2013 ISO 15923-1:2013	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 82 Ammonium nitrate nitrite chloride		-	Identical under dual numbering

		orthophosphate sulfate and silicate with photometric detection			
125	IS 3025 (Part 83):2024 ISO/TS 15923-2:2017 ISO/TS 15923-2:2017	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 83 ChromiumVI fluoride total alkalinity total hardness calcium magnesium iron ironII manganese and aluminium with photometric detection		-	Identical under dual numbering
126	IS 3025 (Part 84):2024 ISO 10304-3:1997 ISO 10304-3:1997	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 84 Determination of chromate iodide sulfite thiocyanate and thiosulfate by liquid chromatography		-	Identical under dual numbering
127	IS 3025 (Part 85):2025 23256:2023 23256:2023	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 85 Detection of selected congeners of polychlorinated dibenzo-p-dioxins and polychlorinated biphenyls Method using a flow immunosensor technique		-	Identical under dual numbering
128	IS 6582:1971 Reviewed In : 2024	Bio - Assay Methods for Evaluating Acute Toxicity of Industrial Effluents and Waste Waters	January, 2024	-	Indigenous
129	IS 6582 (Part 2):2001 Reviewed In : 2024 ISO 15088:2007	Bio - Assay Method for Evaluating Acute Toxicity of Industrial Effluents and Wastewaters: Part 2 Using Toxicity Factor to Zebra Fish (Brachydanio Rerio) (First Revision)	January, 2024	2	Not Equivalent
130	IS 7022 (Part 1):2024	Water Related â€™ Glossary of Terms Part 1 Water, Sewage and Industrial Effluents (First Revision)		-	Indigenous
131	IS 7022 (Part 2):2024	Water Related â€™ Glossary of Terms Part 2 Water Supply and Sewerage (First Revision)		-	Indigenous
132	IS 7022 (Part 3):2018 Reviewed In : 2023	Glossary of Terms Relating to Water Part 3 Marine Water and Related Methods	August, 2023	-	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		
Sl. No.	Doc No.	Title
1	CHD 36 (28417)	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 47 Lead Second Revision Amendment - 1
2	CHD 36 (28538)	Water Quality Determination of chromium VI and chromium III in water Method using liquid chromatography with inductively coupled plasma mass spectrometry LC-ICP-MS after chelating pretreatment

Draft Standards Completed WC Stage		
Sl. No.	Doc No.	Title
1	CHD 36 (28361)	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 15 Total Residue Dissolved and Suspended Solids Second Revision Amendment - 1
2	CHD 36 (28362)	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 17 Non-Filterable Residue Total Suspended Solids at 103 - 105 Second Revision Amendment - 1
3	CHD 36 (28368)	Methods of Sampling and Test Physical and Chemical For Water and Wastewater Part 40 Calcium Second Revision Amendment - 1
4	CHD 36 (28369)	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 44 Biochemical Oxygen Demand BOD Second Revision Amendment - 1
5	CHD 36 (28382)	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 46 Magnesium Second Revision Amendment - 1
6	CHD 36 (28383)	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 45 Sodium and Potassium Second Revision Amendment - 1
7	CHD 36 (28385)	Methods of Sampling and Test Physical and Chemical For Water and Wastewater Part 23 Alkalinity Second Revision Amendment - 1
8	CHD 36 (28455)	Water Quality Sampling Part 26 Guideline on the validation of the storage time of water samples
9	CHD 36 (28456)	Water Quality Sampling Part 27 Guidance on sampling for the parameters of the oceanic carbon dioxide system
10	CHD 36 (28467)	Methods of Sampling and Microbiological Examination of Water and Wastewater Second Revision
11	CHD 36 (28478)	Water Quality Guidance and requirements for designing an interlaboratory trial for validation of analytical methods

Finalized Draft Indian Standard		
Sl. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standards under Print		
Sl. No.	Doc No.	Title
No Records Found		

Total Published Standards:119    Total Standards Under development:13
---

Aspect Wise Report
Product : 1
Code of Practices : 23
Methods of Test : 101
Terminology : 2
Dimensions : 1
System Standard : 0
Safety Standard : 0
Others : 0
Service Specification : 0
Process Specification : 0
Unclassified : 0

**Annexure-I :List of Indian Standards Withdrawn/Superseded**

SI. No.	IS No. & Year	Title
1	IS 3025 (Part 1):1987 Reviewed In : 2019 ISO 5667-10:1992	Methods of sampling and test Physical And Chemical for water and wastewater Part 1 sampling First Revision
2	IS 3025 (Part 31):1988 Reviewed In : 2021 ISO 6878:2004	Methods of sampling and test Physical And Chemical for water and wastewater Part 31 phosphorus Fir St Revision
3	IS 3025 (Part 66):2018 ISO 11885 : 2007 11885	Methods of Sampling and Test Physical and Chemical for Water and Wastewater Part 66 Determination of Selected Elements by Inductively Coupled Plasma Optical Emission Spectrometry ICP-OES
4	IS 3550:1965 Reviewed In : 2019	Methods of test for routine control for water used in industry

**Annexure-II :List of Indian Product Standards**

SI. No.	IS No. & Year	Title
1	IS 18283:2023 ISO 12922 : 2020	Portable Field Testing Kit for Onsite Testing of Drinking Water - Specification