

BUREAU OF INDIAN STANDARDS

Program of Work

WRD 3 : Ground Water and Related Investigations

Scope: Standardization of all aspects of ground water resources, related investigations, water harvesting and recharge for ground water

Liaison: **ISO TC-113 SC-8 (P):** *Ground water* **ISO TC-319 (O):** *Karst*

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 14476 (Part 19):2025	Pumping Test of Water Wells - Code of Practice (First Revision)		-	Indigenous
2	IS 15755:2025	Hydrometry - Geophysical Logging of Boreholes for Hydrogeological Purposes - Considerations and Guidelines for Making Measurements (First Revision)		-	Indigenous
3	IS 15755:2007 Reviewed In : 2022	Hydrometry - Geophysical logging of boreholes for hydrogeological purposes - Considerations and guidelines for making measurements	June, 2022	-	Indigenous
4	IS 15792:2008 Reviewed In : 2023	Artificial recharge to ground water guidelines	January, 2023	1	Indigenous
5	IS 15797:2008 Reviewed In : 2023	Roof top rainwater harvesting - Guidelines	January, 2023	-	Indigenous
6	IS 15896:2011 Reviewed In : 2020 ISO 21413: 2005	Manual methods for measurement of ground water level in a well	October, 2020	-	Not Equivalent
7	IS 15897:2011 Reviewed In : 2020	Surface geophysical surveys for hydro geological studies	October, 2020	-	Indigenous
8	IS 16094:2018 Reviewed In : 2023 ISO/TR 23211:2009	Hydrometry - Measuring the water level in a well using automated pressure transducer methods - Guidelines	December, 2023	-	Not Equivalent
9	IS 4410 (Part 11/Sec 1):2024	GLOSSARY OF TERMS RELATING TO RIVER VALLEY PROJECTS PART 11 HYDROLOGY Section 1 General Terms (First Revision)		-	Indigenous
10	IS 4410 (Part 11/Sec 2):1972 Reviewed In : 2020	Glossary of terms relating to river valley projects: Part 11 hydrology: Sec 2 precipitation and run off	October, 2020	-	Indigenous
11	IS 4410 (Part 11/Sec 3):1973 Reviewed In : 2020	Glossary of terms relating to river valley projects: Part 11 hydrology: Sec 3	October, 2020	-	Indigenous
12	IS 4410 (Part 11/Sec	Glossary of terms relating to river	October, 2020	-	Indigenous

	4):1973 Reviewed In : 2020	valley projects: Part 11: Sec hydrology hydrograph			
13	IS 4410 (Part 11/Sec 6):2018 Reviewed In : 2023	Glossary of terms relating to river valley projects: Part 11 hydrology: Sec 6 groundwater (Second Revision)	December, 2023	-	Indigenous
14	IS 4410 (Part 11/Sec 7):1984 Reviewed In : 2021	Glossary of terms relating to river valley projects: Part 11 hydrology: Sec 7 quality of wate	April, 2021	-	Indigenous

Standards under Development

Projects Approved		
SI. No.	Doc No.	Title
1	WRD 3 (27380)	Ground water harvesting using unconventional measures Hydrofracturing Bore Blasting Technique
2	WRD 3 (27381)	Sub-Surface Dykes
3	WRD 3 (27382)	Aquifer Storage and Recovery Techniques
4	WRD 3 (27383)	Impact Assessment Techniques for Artificial Recharge Structures

Preliminary Draft Standards		
SI. No.	Doc No.	Title
1	WRD 3 (27384)	GUIDELINES FOR SURFACE RUNOFF HARVESTING USING SMALL STRUCTURES PART 1 GENERAL AND DESIGN CONCEPT
2	WRD 3 (27724)	GUIDELINES FOR SURFACE RUNOFF HARVESTING USING SMALL STRUCTURES PART 2 IN-SITU MOISTURE CONSERVATION
3	WRD 3 (28241)	GUIDELINES FOR SURFACE RUNOFF HARVESTING USING SMALL STRUCTURES PART 3 SURFACE RUNOFF HARVESTING

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:13 Total Standards Under development:7		
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Aspect Wise Report

Product : 0

Code of Practices : 6

Methods of Test : 0

Terminology : 6
Dimensions : 0
System Standard : 0
Safety Standard : 0
Others : 1
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded
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Sl. No.	IS No. & Year	Title
1	IS 13969:1994 Reviewed In : 2018 IS 5667 : 2009	Sampling of Ground water - Guidelines

Annexure-II :List of Indian Product Standards
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Sl. No.	IS No. & Year	Title
No Records Found		