

## 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 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 15792:2008 <span style="color: green;">Reviewed In : 2023</span>	Artificial recharge to ground water guidelines	January, 2023	1	Indigenous
4	IS 15797:2008 <span style="color: green;">Reviewed In : 2023</span>	Roof top rainwater harvesting - Guidelines	January, 2023	-	Indigenous
5	IS 15896:2011 <span style="color: green;">Reviewed In : 2020</span> <span style="color: green;">ISO 21413: 2005</span>	Manual methods for measurement of ground water level in a well	October, 2020	-	Not Equivalent
6	IS 15897:2011 <span style="color: green;">Reviewed In : 2020</span>	Surface geophysical surveys for hydro geological studies	October, 2020	-	Indigenous
7	IS 16094:2018 <span style="color: green;">Reviewed In : 2023</span> <span style="color: green;">ISO/TR 23211:2009</span>	Hydrometry - Measuring the water level in a well using automated pressure transducer methods - Guidelines	December, 2023	-	Not Equivalent
8	IS 4410 (Part 11/Sec 3):1973	Glossary of terms relating to river valley projects: Part 11 hydrology: Sec 3	October, 2020	-	Indigenous
9	IS 4410 (Part 11/Sec 2):1972	Glossary of terms relating to river valley projects: Part 11 hydrology: Sec 2 precipitation and run off	October, 2020	-	Indigenous
10	IS 4410 (Part 11/Sec 4):1973	Glossary of terms relating to river valley projects: Part 11: Sec hydrology hydrograph	October, 2020	-	Indigenous
11	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
12	IS 4410 (Part 11/Sec 6):2018	Glossary of terms relating to river valley projects: Part 11 hydrology:	December, 2023	-	Indigenous

	Reviewed In : 2023	Sec 6 groundwater (Second Revision)			
13	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
<i>No Records Found</i>		

#### Drafts Standards in WC Stage

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

#### Draft Standards Completed WC Stage

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

#### 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
1	WRD 3 (00656)	Water Quality - Sampling Part 11 Guidance on Sampling of Ground Water
2	WRD 3 (16962) Revision of: IS 14476:1998	Pumping Test of Water Wells - Code of Practice First Revision
3	WRD 3 (21368) Revision of: IS 4410:1972	GLOSSARY OF TERMS RELATING TO RIVER VALLEY PROJECTS PART 11 HYDROLOGY Section 1 General Terms First Revision
4	WRD 3 (21909) Revision of: IS 15755:2007	Hydrometry Geophysical Logging of Boreholes for Hydrogeological Purposes Considerations and Guidelines for Making Measurements First Revision

**Total Published Standards:13 Total Standards Under development:11**

### 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**

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**

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