

BUREAU OF INDIAN STANDARDS

Program of Work

WRD 10 : Reservoirs and Lakes

Scope: Standardization of criteria for planning, design, operation, maintenance and other related aspects of reservoirs/lakes.

Liaison:

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 12182:2025	DETERMINATION OF EFFECTS OF SEDIMENTATION IN PLANNING AND PERFORMANCE OF RESERVOIRS - GUIDELINES (First Revision)		-	Indigenous
2	IS 13665:2017 ISO 6421 : 2012 Reviewed In : 2022 ISO 6421 : 2012	Hydrometry - Methods for assessment of reservoir sedimentation (First Revision)	August, 2022	-	Identical under dual numbering
3	IS 14654:2024	MINIMIZING EVAPORATION LOSSES FROM RESERVOIRS - GUIDELINES		-	Indigenous
4	IS 15472:2004 Reviewed In : 2024	Guidelines for planning and design of low level outlets for evacuating storage reservoirs	October, 2024	-	Indigenous
5	IS 15840:2009 Reviewed In : 2023 ISO /TR 11330:1997	Determination of volume of water and water level in lakes and reservoirs	January, 2023	-	Modified/Technically Equivalent
6	IS 19027:2023	Measurement and Control of Sediments in Natural Lakes — Guidelines		-	Indigenous
7	IS 4410 (Part 6):2022	GLOSSARY OF TERMS RELATING TO RIVER VALLEY PROJECTS PART 6 RESERVOIRS		-	Indigenous
8	IS 5477 (Part 1):1999 Reviewed In : 2024	Fixing the capacities of reservoirs methods: Part 1 general requirements (First Revision)	October, 2024	-	Indigenous
9	IS 5477 (Part 2):2020 Reviewed In : 2025 Decision taken to Reaffirm and Archive	Methods for Fixing the Capacities of Reservoirs Part 2 Dead Storage (Second Revision)	February, 2025	-	Indigenous
10	IS 5477 (Part 3):2002	Fixing the capacities of reservoirs - Methods: Part 3 live storage (First	April, 2022	-	Indigenous

	Reviewed In : 2022	Revision)			
11	IS 5477 (Part 4):2019 Reviewed In : 2024	Methods for fixing the capacities of reservoirs: Part 4 surcharge storage (First Revision)	March, 2024	-	Indigenous
12	IS 6518:2017 Reviewed In : 2022	Guidelines for control of sediment in reservoirs (Second Revision)	April, 2022	-	Indigenous
13	IS 6939:1992 Reviewed In : 2022	Methods for determination of evaporation from reservoirs (First Revision)	February, 2022	-	Indigenous
14	IS 7323:1994 Reviewed In : 2023	Operation of reservoirs - Guidelines (First Revision)	January, 2023	1	Indigenous
15	IS 8237:2024	PROTECTION OF SLOPE FOR RESERVOIR EMBANKMENT CODE OF PRACTICE Second Revision of IS 8237		-	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	WRD 10 (25683) Revision of: IS 6939:1992	METHODS FOR DETERMINATION OF EVAPORATION FROM RESERVOIRS Second Revision of IS 6939

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 10 (00657) Revision of: IS 13665:2017	Sedimentation in reservoirs - Method of measurement
2	WRD 10 (00629) Revision of: IS 5477:2020	Fixing the capacities of reservoirs - Methods Part 2 Dead storage
3	WRD 10 (00595) Revision of: IS 6518:2017	Code of practice for control of sediment in reservoirs
4	WRD 10 (00628) Revision of: IS 5477:2019	Methods for fixing the capacities of reservoirs Part 4 Flood storage

5	WRD 10 (16243)	MEASUREMENT AND CONTROL OF SEDIMENTS IN NATURAL LAKES GUIDELINES
6	WRD 10 (16886) Revision of: IS 4410:1983	GLOSSARY OF TERMS RELATING TO RIVER VALLEY PROJECTS PART 6 RESERVOIRS
7	WRD 10 (18947) Revision of: IS 14654:1999	MINIMIZING EVAPORATION LOSSES FROM RESERVOIRS - GUIDELINES
8	WRD 10 (23313) Revision of: IS 8237:1985	PROTECTION OF SLOPE FOR RESERVOIR EMBANKMENT CODE OF PRACTICE Second Revision of IS 8237
9	WRD 10 (25190) Revision of: IS 12182:1987	DETERMINATION OF EFFECTS OF SEDIMENTATION IN PLANNING AND PERFORMANCE OF RESERVOIRS GUIDELINES First Revision
10	WRD 10 (25635) Revision of: IS 5477:1999	METHODS FOR FIXING THE CAPACITIES OF RESERVOIRS PART 1 GENERAL REQUIREMENTS Second Revision of IS 5477 Part 1
11	WRD 10 (27501) Revision of: IS 7323:1994	OPERATION OF RESERVOIRS GUIDELINES Second Revision of IS 7323

Total Published Standards:14 Total Standards Under development:12

Aspect Wise Report

Product : 0
 Code of Practices : 14
 Methods of Test : 0
 Terminology : 0
 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

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

Annexure-II :List of Indian Product Standards

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