

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 : 1987 <i>Reviewed In : 2022</i>	Guidelines for determination of effects of sedimentation in planning and performance of reservoirs	April, 2022	-	Indigenous
2	IS 13665 : 2017 ISO 6421 : 2012 <i>Reviewed In : 2022</i> <i>ISO 6421 : 2012</i>	Hydrometry - Methods for assessment of reservoir sedimentation (First Revision)	August, 2022	-	Identical under dual numbering
3	IS 14654 : 1999 <i>Reviewed In : 2024</i>	Minimising evaporation losses from reservoirs - Guidelines	October, 2024	-	Indigenous
4	IS 14654 : 2024	MINIMIZING EVAPORATION LOSSES FROM RESERVOIRS - GUIDELINES		-	Indigenous
5	IS 15472 : 2004 <i>Reviewed In : 2024</i>	Guidelines for planning and design of low level outlets for evacuating storage reservoirs	October, 2024	-	Indigenous
6	IS 15840 : 2009 <i>Reviewed In : 2023</i> <i>ISO /TR 11330:1997</i>	Determination of volume of water and water level in lakes and reservoirs	January, 2023	-	Modified/Technically Equivalent
7	IS 19027 : 2023	Measurement and Control of Sediments in Natural Lakes — Guidelines		-	Indigenous
8	IS 4410 (Part 6) : 2022	GLOSSARY OF TERMS RELATING TO RIVER VALLEY PROJECTS PART 6 RESERVOIRS		-	Indigenous
9	IS 5477 (Part 1) : 1999 <i>Reviewed In : 2024</i>	Fixing the capacities of reservoirs methods: Part 1 general requirements (First Revision)	October, 2024	-	Indigenous
10	IS 5477 (Part 2) : 2020	Methods for Fixing the Capacities of Reservoirs Part 2 Dead Storage (Second Revision)	-	-	Indigenous
11	IS 5477 (Part 3) : 2002 <i>Reviewed In : 2022</i>	Fixing the capacities of reservoirs - Methods: Part 3 live storage (First Revision)	April, 2022	-	Indigenous
12	IS 5477 (Part 4) : 2019	Methods for fixing the capacities of reservoirs: Part 4 surcharge	March, 2024	-	Indigenous

	Reviewed In : 2024	storage (First Revision)			
13	IS 6518 : 2017 Reviewed In : 2022	Guidelines for control of sediment in reservoirs (Second Revision)	April, 2022	-	Indigenous
14	IS 6939 : 1992 Reviewed In : 2022	Methods for determination of evaporation from reservoirs (First Revision)	February, 2022	-	Indigenous
15	IS 7323 : 1994 Reviewed In : 2023	Operation of reservoirs - Guidelines (First Revision)	January, 2023	1	Indigenous
16	IS 8237 : 2024	PROTECTION OF SLOPE FOR RESERVOIR EMBANKMENT CODE OF PRACTICE Second Revision of IS 8237		-	Indigenous
17	IS 8237 : 1985 Reviewed In : 2022	Code of practice for protection of slope for reservoir embankment (First Revision)	April, 2022	-	Indigenous

Standards under Development

Projects Approved

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

Preliminary Draft Standards

SI. No.	Doc No.	Title
1	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
2	WRD 10 (25683) Revision of: IS 6939:1992	METHODS FOR DETERMINATION OF EVAPORATION FROM RESERVOIRS Second Revision of IS 6939

Drafts Standards in WC Stage

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

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	WRD 10 (21163)	OPERATION OF RESERVOIRS GUIDELINES
2	WRD 10 (25190)	DETERMINATION OF EFFECTS OF SEDIMENTATION IN PLANNING AND PERFORMANCE OF RESERVOIRS GUIDELINES First Revision of IS 12182

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
<i>No Records Found</i>		

Total Published Standards:14 Total Standards Under development:4

Aspect Wise Report

Product : 0
Code of Practices : 15
Methods of Test : 0
Terminology : 0
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
<i>No Records Found</i>		

Annexure-II :List of Indian Product Standards

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